



REPÚBLICA DEL ECUADOR
MINISTERIO DE ENERGÍA Y MINAS

**INSTITUTO NACIONAL DE
METEOROLOGÍA E HIDROLOGÍA**

ANUARIO HIDROLÓGICO 1998

Nº. 36
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INSTITUTO NACIONAL DE METEOROLOGÍA E HIDROLOGÍA – INAMHI
Iñaquito N36-14 y Corea
e-mail: inamhi@inamhi.gov.ec
Quito- Ecuador

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PREFACIO

La ley del Instituto Nacional de Meteorología e Hidrología - INAMHI, expedida el 15 de mayo de 1979, establece entre los objetivos y funciones “Obtener, recopilar, estudiar, procesar, publicar y divulgar los datos, informaciones y previsiones que sean necesarios para el conocimiento detallado y completo de las condiciones meteorológicas e hidrológicas de todo el territorio marítimo y continental ecuatoriano”; además reza, “Establecer, operar y mantener la infraestructura hidrometeorológica básica necesaria para el cumplimiento del programa nacional a efectuarse”.

Vigilar, comprender, predecir y analizar el tiempo, el clima y el agua, y comunicar esta información lo antes posible, son también funciones principales de los servicios meteorológicos e hidrológicos nacionales. La Variabilidad y Cambio Climático, que se manifiestan a través de la ocurrencia, con frecuencia creciente, de fenómenos extremos, tienen numerosas repercusiones en los ecosistemas, y por consiguiente, en las actividades humanas.

La información hidrometeorológica es útil, principalmente en los siguientes sectores de la economía: Transporte; Industria; Sanidad e Higiene; Diseño y Operación de Sistema de Agua Potable, Alcantarillado, Riego y Drenaje, Centrales Hidroeléctricas; Diseño de Vías y Puentes; Desarrollo Urbano; Manejo Ambiental; Turismo, etc.

El Anuario Hidrológico constituye una publicación regular del INAMHI, mediante el cual se entrega a la comunidad, en valores diarios, mensuales y anuales, los niveles y caudales medios, mínimos y máximos de los cuerpos hídricos, así como los resultados del monitoreo físico – químico y sedimentológico de ciertos ríos del país.

El INAMHI, en alto porcentaje, financia sus actividades con asignaciones del estado, y genera información, previsiones y estudios, los cuales sin duda alguna, constituyen un necesario y valioso aporte al desarrollo sustentable y sostenido del país.

Sin embargo de que la información contenida en esta publicación pasa por un proceso de revisión, el INAMHI mantiene y reitera el compromiso de fortalecer la operación y mantenimiento de las estaciones, así como mejorar todo el proceso de gestión de la información, con miras a entregar a la comunidad datos confiables y oportunos. .

Con el saludo del INAMHI a todos los usuarios,

Dr. Ing. Laureano Andrade Chávez
DIRECTOR EJECUTIVO

Personal de la Institución que ha colaborado en el ingreso, procesamiento y control de calidad de la información hidrológica; soporte para el desarrollo de los sistemas de procesamiento, administración y operación de la Base de Datos; y, revisión y edición del Anuario Hidrológico.

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INTRODUCCIÓN

Disponer de datos adecuados para el diseño y operación de obras hidráulicas, para la administración del agua, para estudios ambientales, etc., demanda administrar una red de estaciones hidrometeorológicas suficiente a nivel nacional, regional y local, y además que los diferentes subsistemas de Observaciones, Comunicaciones, Procesamiento de Datos, Base de Datos y Difusión que conforman el Sistema de Gestión de la Información, sean robustos y eficientes. Esto constituye un reto para el INAMHI y demanda recursos y el trabajo día a día de sus técnicos y observadores.

Para mejorar la gestión de la información del INAMHI, desde la toma del dato hasta su publicación, se ha dividido al país en siete zonas hidrometeorológicas bajo el criterio de Manejo Integrado de Cuencas, para cada una de las cuales se han establecido grupos de trabajo con técnicos responsables de todo el proceso. Además, el Subsistema de Base de Datos Hidrometeorológicos del INAMHI fue objeto de evaluación en marzo de 2006, realizada por un experto extranjero, en misión de la Organización Meteorológica Mundial (OMM).

El Anuario Hidrológico contiene tres secciones. La Primera Parte es una descripción general de los procedimientos bajo los cuales se realiza la toma de información y su procesamiento, se incluye a manera de instructivo, algunas recomendaciones al usuario para el uso de la información publicada.

La Segunda Parte corresponde a los cuadros estadísticos, que contienen la información hidrológica, hidrogeológica, hidroquímica y sedimentológica, de las estaciones hidrométricas que opera el INAMHI y que corresponden 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 hidrograma anual (gráfico de variación de caudales diarios) de las estaciones, para las cuales se definió una ecuación de gasto líquido confiable (curva de descarga o de calibración de la sección hidrométrica). Se incluyen los reportes de aforos de gasto sólido y el registro de análisis físico - químico de muestras de agua.

En la Tercera Parte del Anuario, se incluye el mapa de ubicación de las estaciones hidrométricas con información publicada, junto con el inventario de todas las estaciones hidrométricas superficiales catalogadas por la Institución y también el listado de estaciones, para las cuales se dispone de registros de información sedimentológica.

El INAMHI permanentemente está recopilando información y ampliando su base de datos meteorológica e hidrológica del país. Por tanto, se dispone de información adicional para consulta del usuario, además de datos en escalas de tiempo menores.

El acceso a la información no publicada en los Anuarios, está regulado a través de un Reglamento aprobado por el Honorable Consejo Directivo del INAMHI.

PARTE I

Nociones Generales

1. ESPECIFICACIONES SOBRE EL REGISTRO Y PROCESAMIENTO DE DATOS

1.1 INSTALACIÓN 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 con escala métrica 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 OBTENCIÓN 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 recopilada o 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 trabajo de campo mediante campañas de aforo de gasto líquido, cuya planificación y ejecución lo realiza el personal técnico de Operación y Mantenimiento de la Red Hidrológica.

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-química del agua está a cargo de los técnicos de Aguas Subterráneas y Laboratorio de Hidroquímica y Sedimentología

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 limnígrafo, o el promedio de las dos lecturas diarias para aquellas que solo disponen de limnímetro. Para las estaciones que cuentan con los dos tipos de registros, 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 (ecuación o curva de descarga), la que es obtenida mediante un ajuste de mínimos cuadrados a partir de los caudales obtenidos de los aforos de gasto líquido 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 el Laboratorio de Hidroquímica y Sedimentología, 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 1:50 000.

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. CODIFICACIÓN DE LA RED DE ESTACIONES HIDROLÓGICAS

2.1 ESTRUCTURA DEL CÓDIGO DE LA ESTACIÓN

En el Banco Nacional de Datos Hidrometeorológicos, se 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 DE IDENTIFICACIÓN DE LA ESTACIÓN

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

- Código de la Estación.
- Nombre de la Estación.
- Código de Tipo de estación
- Código de Cuenca Hidrográfica
- Ubicación Geográfica:(Latitud, Longitud, y Elevación).
- Código de provincia. (Ubicación Política)
- Institución propietaria o que opera la estación
- Fecha de iniciación de observaciones
- Fecha de levantamiento/suspensión de la estación

Para comprender el inventario de estaciones, se detalla a continuación la descripción de la codificación utilizada para el tipo de estación, provincia y de cuenca hidrográfica con la zona a la que pertenece:

CODIGO DEL TIPO DE ESTACION

LG
LM
AU
PP
PE
VV
VT
Ga

DESCRIPCIÓN

Limnigráfica
Limnimétrica
Automática
Pozo perforado
Pozo excavado
Vertiente
Vertiente termal
Galería

CODIGO DE PROVINCIA

1
2
3
4
5
6

NOMBRE DE LA PROVINCIA

Azuay
Bolívar
Cañar
Carchi
Cotopaxi
Chimborazo

CODIGO DE PROVINCIA**NOMBRE DE LA PROVINCIA**

7	El Oro
8	Esmeraldas
9	Guayas
10	Imbabura
11	Loja
12	Los Ríos
13	Manabí
14	Morona Santiago
15	Napo
16	Pastaza
17	Pichincha
18	Tungurahua
19	Zamora Chinchipe
20	Galápagos
21	Sucumbíos
22	Orellana

CODIGO DE CUENCA**CUENCA DEL RIO****ZONA HIDROLÓGICA**

010	Mataje	Zona 1: Esmeraldas
020	Mira	Zona 1: Esmeraldas
030	Carchi	Zona 1: Esmeraldas
040	Verde	Zona 1: Esmeraldas
050	Cayapas-Onzole	Zona 1: Esmeraldas
060	Muisne	Zona 1: Esmeraldas
070	Cojimíes	Zona 1: Esmeraldas
080	Esmeraldas	Zona 1: Esmeraldas
090	Jama	Zona 3: Chone
100	Chone	Zona 3: Chone
110	Portoviejo	Zona 3: Chone
120	Jipijapa	Zona 3: Chone
130	Guayas	Zona 4: Guayas
140	Zapotal	Zona 3: Chone
150	Taura	Zona 4: Guayas
160	Cañar	Zona 4: Guayas
170	Balao	Zona 4: Guayas
180	Jubones	Zona 7: Catamayo
190	Arenillas	Zona 7: Catamayo
200	Puyango	Zona 7: Catamayo
210	Catamayo	Zona 7: Catamayo
220	San Miguel-Putumayo	Zona 2: Napo
230	Aguarico	Zona 2: Napo
240	Napo	Zona 2: Napo
250	Curaray	Zona 2: Napo
260	Pastaza	Zona 5: Pastaza
270	Tigre	Zona 5: Pastaza
280	Santiago	Zona 6: Santiago
290	Morona	Zona 5: Pastaza
300	Mayo Chinchipe	Zona 7: Catamayo
310	Puná	Zona 4: Guayas
320	Galápagos	Zona 3: Chone

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 o GPS.

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 corresponden a una estadística de al menos 20 días de registro de observaciones.
- Los valores máximos y mínimos instantáneos se publican si la serie de datos diarios del mes está completa o cuando se registra un evento seco o crecida. Igualmente, se registra el día como vv cuando el valor se ha producido más de una vez en el mes.
- 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 pero sin embargo se dispone en la Base de Datos Hidrológicos y podrá ser entregada a los usuarios de acuerdo a sus requerimientos.

PARTE II

Cuadros Estadísticos y Resúmenes

CODIGO	ESTACIÓN	TIPO	CUENCA	LONGITUD	LATITUD	ELEVACIÓN (m)	PROVINCIA	INSTITUCIÓN	Cuadro Niveles	Cuadro Caudales
H013	BLANCO AJ MIRA	LG	20	78° 16' 28" W	0° 45' 42" N	890	4	INAMHI	13	
H016	APAQUI AJ CHOTA	LG	20	77° 56' 5" W	0° 26' 51" N	1715	4	INAMHI	13	68
H017	APAQUI D GRUTA LA PAZ #3	LG	20	77° 50' 46" W	0° 30' 2" N	2365	4	INAMHI	14	69
H023	AMBI DJ CARIYACU	LG	20	78° 12' 42" W	0° 22' 33" N	2015	10	INAMHI	14	70
H024	BLANCO EN PTE.CARRETERA	LG	20	78° 17' 57" W	0° 15' 14" N	0	10	INAMHI	15	71
H026	ITAMBI EN L.S.PABLO	LM	20	78° 12' 32" W	0° 11' 50" N	2650	10	INAMHI	15	72
H040	VERTEDERO CAMBUGAN	LM	20	78° 23' 52" W	0° 15' 39" N	3190	10	INAMHI	16	
H042	VERTEDERO #2	LM	20	78° 23' 45" W	0° 16' 50" N	0	10	INAMHI	16	
H043	VERTEDERO #3	LM	20	78° 24' 4" W	0° 15' 43" N	3180	10	INAMHI	17	
H045	APAQUI DJ MINAS	LG	20	77° 46' 55" W	0° 32' 32" N	2650	4	INAMHI	17	73
H091	GRANDE AJ JATIVA	LG	30	77° 50' 50" W	0° 48' 18" N	3120	4	INAMHI	18	74
H138	BLANCO DJ TOACHI(PTE.UNICOOP)	LM	80	79° 16' 47" W	0° 5' 2" S		17	INAMHI	18	
H143	GRANOBLES AJ GUACHALA	LG	80	78° 10' 0" W	0° 1' 33" N	2750	17	INAMHI	19	75
H144	GUACHALA AJ GRANOBLES	LG	80	78° 9' 30" W	0° 0' 47" N	2740	17	INAMHI	19	
H146	GUAYLLABAMBA DJ ALAMBI	LG	80	78° 44' 30" W	0° 14' 10" N	625	10	INAMHI	20	76
H148	GUAYLLABAMBA DJ PISQUE	LG	80	78° 24' 18" W	0° 0' 56" N	1690	17	INAMHI	20	77
H149	GUAYLLABAMBA EN PTE.CHACAPATI	LG	80	78° 38' 44" W	0° 11' 6" N	860	10	INAMHI	21	78
H150	INTAG DJ PAMPLONA	LG	80	78° 37' 25" W	0° 13' 20" N	1000	10	INAMHI	21	79
H155	PILATON DJ SACALZON(EN LA TOMA)	LM	80	78° 49' 50" W	0° 21' 37" S	1130	17	INAMHI	22	
H158	PITA AJ SALTO	LG	80	78° 25' 26" W	0° 34' 15" S	3550	17	INAMHI	22	80
H159	SAN PEDRO EN MACHACHI	LG	80	78° 32' 34" W	0° 28' 25" S	2680	17	INAMHI	23	81
H161	TOACHI AJ PILATON	LG	80	78° 57' 5" W	0° 18' 56" S	820	17	INAMHI	23	82
H166	TOACHI EN LAS PAMPAS	LG	80	79° 56' 58" W	0° 26' 23" S	1110	5	INAMHI	24	83
H167	TOACHI EN S.D.DE LOS COLORADOS	LG	80	79° 7' 40" W	0° 14' 42" S	0	17	INAMHI	24	84
H168	ESMERALDAS DJ SADE	LG	80	79° 24' 55" W	0° 31' 24" N	50	8	INAMHI	25	85
H170	GUAYLLABAMBA AJ BLANCO	LM	80	79° 23' 38" W	0° 26' 19" N	90	8	INAMHI	25	86
H171	SUBERE AJ TEAONE	LM	80	79° 41' 50" W	0° 50' 36" N	0	8	INAMHI	26	
H172	TEAONE DJ TABIAZO	LM	80	79° 41' 55" W	0° 50' 37" N	16	8	INAMHI	26	87
H173	TEAONE AJ ESMERALDAS	LG	80	79° 41' 29" W	0° 55' 35" N	0	8	INAMHI	27	88
H216	BUA AJ QUININDE	LG	80	79° 35' 59" W	0° 1' 15" S		17	INAMHI	27	89
H233	JUNIN DJ EST.PALMAR	LG	100	80° 11' 0" W	0° 54' 17" S	20	13	INAMHI	28	90
H326	BABA DJ TOACHI-DCP	AU	130	79° 23' 5" W	0° 39' 50" S	100	12	INAMHI	28	91
H329	PILALO EN LA ESPERANZA	LM	130	79° 5' 10" W	0° 51' 45" S	920	5	INAMHI	29	
H331	CHIMBO EN SAN LORENZO	LG	130	79° 0' 16" W	1° 40' 11" S	2400	2	INAMHI	29	92
H332	CANAL CHIMBO EN SAN LORENZO	LM	130	79° 0' 15" W	1° 40' 11" S	2400	2	INAMHI	30	93
H333	SAN LORENZO EN SAN LORENZO	LM	130	78° 59' 44" W	1° 41' 13" S	2470	2	INAMHI	30	94
H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)	LG	130	79° 4' 14" W	1° 51' 27" S	2100	2	INAMHI	31	95
H337	PANGOR AJ CHIMBO	LG	130	79° 0' 10" W	1° 55' 55" S	1480	2	INAMHI	31	96
H338	CHIMBO DJ PANGOR	LG	130	79° 0' 27" W	1° 55' 56" S	1452	2	INAMHI	32	97
H340	CHIMBO EN BUCAY	LG	130	79° 8' 25" W	2° 11' 39" S	297	9	INAMHI	32	98
H343	ECHEANDIA EN ECHEANDIA	LG	130	79° 15' 55" W	1° 26' 5" S	425	2	INAMHI	33	99
H346	ZAPOTAL EN LECHUGAL	LG	130	79° 21' 15" W	1° 23' 15" S	18	12	INAMHI	33	100
H347	QUEVEDO EN QUEVEDO	LG	130	79° 27' 43" W	1° 1' 5" S	125	12	INAMHI	34	101
H348	VINCES EN VINCES-DCP	AU	130	79° 45' 2" W	1° 32' 57" S	41	12	INAMHI	34	102
H352	MACUL EN PTE.CARRETERA	LM	130	79° 36' 48" W	1° 3' 43" S	30	9	INAMHI	35	
H359	PAJAN EN AGUA FRIA	LG	130	80° 22' 31" W	1° 36' 30" S	0	13	INAMHI	35	103
H363	DAULE EN BALZAR	LG	130	79° 54' 24" W	1° 21' 38" S	30	9	INAMHI	36	
H365	DAULE EN LA CAPILLA	LG	130	79° 59' 44" W	1° 41' 45" S	13	9	INAMHI	36	104
H371	SAN PABLO EN PALMAR	LG	130	79° 26' 20" W	1° 49' 55" S	10	12	INAMHI	37	105
H375	CHANCHAN DJ HUATAXI	LM	130	78° 56' 42" W	2° 18' 40" S	0	6	INAMHI	37	106
H385	ANGAS AJ CHANCHAN	LG	130	79° 3' 45" W	2° 18' 6" S	742	6	INAMHI	38	107
H390	CHIMBO AJ MILAGRO INAMHI	LM	130	79° 41' 37" W	2° 6' 5" S	30	9	INAMHI	38	
H391	DAULE EN STA.LUCIA	LG	130	79° 58' 55" W	1° 42' 30" S	12	9	INAMHI	39	
H399	COLIMES EN POTRERILLOS	LG	130	80° 4' 3" W	1° 32' 47" S	15	9	INAMHI	39	
H402	CONGO EN PTE.CARRETERA	LM	130	79° 41' 40" W	1° 2' 3" S	30	9	INAMHI	40	
H407	PULA EN PALIZADA	LM	130	79° 50' 6" W	1° 39' 2" S	16	9	INAMHI	40	
H414	TOACHI AJ BABA	LG	130	79° 21' 9" W	0° 40' 44" S		12	CEDEGE	41	
H415	SAN PABLO EN LA MANA	LG	130	79° 13' 24" W	0° 56' 17" S	238	5	CEDEGE	41	
H418	SUQUIBI AJ NAVES	LG	130	79° 20' 37" W	1° 17' 0" S		2	CEDEGE	42	
H433	NUEVO EN EL COROZO	LM	140	80° 28' 24" W	2° 1' 18" S		9	CEDEGE	42	
H434	VALDIVIA EN EL SUSPIRO	LM	140	80° 37' 47" W	1° 53' 43" S		9	INAMHI	43	
H447	BULUBULU AJ PAYO	LG	150	79° 28' 33" W	2° 18' 23" S	40	9	INAMHI	43	108
H448	PAYO AJ BULUBULU	LM	150	79° 33' 23" W	2° 15' 11" S	25	9	INAMHI	44	
H451	TAURA EN TAURA	LG	150	79° 43' 57" W	2° 18' 21" S	0	9	INERHI	44	
H466	SILANTE EN INGAPIRCA	LM	160	78° 51' 45" W	2° 31' 38" S	0	3	INAMHI	45	109
H467	VENDELECHE EN HDA.LA CURIA	LG	160	78° 52' 12" W	2° 34' 55" S	3020	3	INAMHI	45	110
H468	SAN PEDRO EN INGAPIRCA	LG	160	78° 52' 27" W	2° 33' 55" S	2970	3	INAMHI	46	111
H471	CAÑAR DJ RAURA	LG	160	79° 7' 45" W	2° 28' 10" S	0	3	INAMHI	46	112
H503	TENGUEL EN TENGUEL	LM	170	79° 47' 13" W	2° 59' 26" S	10	9	INAMHI	47	113
H507	BONITO EN PTE.CARRETERA(AJ PAC)	LM	170	79° 45' 52" W	3° 6' 13" S	30	7	INAMHI	47	
H529	JUBONES DJ S.FRANCISCO	LG	180	79° 30' 18" W	3° 18' 29" S	680	1	INAMHI	48	114
H530	JUBONES EN USHCURRUMI	LM	180	79° 35' 55" W	3° 19' 11" S	230	1	INAMHI	48	115
H531	CASACAY AJ JUBONES	LM	180	79° 43' 24" W	3° 19' 32" S	110	7	INAMHI	49	
H573	SANTA ROSA EN EL VADO	LM	190	79° 56' 35" W	3° 33' 45" S	80	7	INAMHI	49	

CODIGO	ESTACIÓN	TIPO	CUENCA	LONGITUD	LATITUD	ELEVACIÓN (m)	PROVINCIA	INSTITUCIÓN	Cuadro Niveles	Cuadro Caudales
H574	ARENILLAS EN ARENILLAS	LM	190	80° 2' 47" W	3° 34' 16" S	60	7	INAMHI	50	116
H587	PINDO AJ AMARILLO	LG	200	79° 38' 8" W	3° 45' 43" S	563	7	INAMHI	50	117
H589	PUYANGO AJ MARCABELI	LG	200	79° 55' 47" W	3° 49' 27" S	360	7	INAMHI	51	
H591	PUYANGO EN CPTO.MILITAR (PTE.CA)	LG	200	80° 4' 47" W	3° 53' 0" S	300	7	INAMHI	51	118
H616	ALAMOR EN SAUCILLO(DJ CELICA)	LG	210	80° 11' 53" W	4° 15' 50" S	299	11	INAMHI	52	119
H617	ARENAL EN PTE.BOQUERON	LG	210	79° 22' 25" W	4° 3' 16" S	1390	11	INAMHI	52	120
H619	CANAL ARENAL	LM	210	79° 22' 25" W	4° 3' 16" S	1390	11	INAMHI	53	
H625	ALAMOR EN PTE.MERCADILLO	LG	210	79° 58' 34" W	4° 1' 16" S	1080	11	INAMHI	53	
H627	UCHIMA AJ CHAMBA	LM	210	79° 12' 13" W	4° 13' 49" S	1544	11	INAMHI	54	121
H720	MISAHUALLI EN COTUNDO	LG	240	77° 47' 4" W	0° 50' 30" S	800	15	INAMHI	54	122
H721	JATUNYACU DJ ILOCULIN	LG	240	77° 54' 20" W	1° 5' 0" S	570	15	INAMHI	55	123
H722	YANAHURCO DJ VALLE	LG	240	78° 16' 52" W	0° 41' 30" S	3590	15	INAMHI	55	124
H731	COSANGA AJ QUIJOS	LG	240	77° 51' 50" W	0° 29' 30" S	1740	15	INAMHI	56	125
H763	QDA.MULA CORRAL AJ CALAMACA	LM	260	78° 49' 41" W	1° 14' 49" S		18	INAMHI	56	126
H764	CALAMACA DJ Q.HUARCUSACHA	LG	260	78° 49' 2" W	1° 16' 21" S	3440	18	INAMHI	57	127
H783	OZOGOCHÉ EN LOS LAGOS	LG	260	78° 36' 45" W	2° 13' 45" S	3715	6	INAMHI	57	128
H787	ALAO EN HDA.ALAO	LG	260	78° 30' 40" W	1° 52' 11" S	3200	6	INAMHI	58	129
H788	PUELA AJ CHAMBO	LG	260	78° 26' 53" W	1° 31' 48" S	2460	6	INAMHI	58	130
H789	GUARGUALLA AJ CEBADAS	LG	260	78° 36' 8" W	1° 52' 13" S	2828	6	INAMHI	59	131
H790	CEBADAS AJ GUAMOTE	LG	260	78° 38' 18" W	1° 53' 0" S	2840	6	INAMHI	59	132
H791	BALSACON EN SAN ANDRES	LM	260	78° 43' 14" W	1° 34' 15" S	3000	6	INAMHI	60	133
H792	CUTUCHI AJ YANAYACU	LG	260	78° 36' 7" W	1° 3' 41" S	2692	5	INAMHI	60	134
H793	NAGSICHE PLTA.ELEC.CUSUBAMBA	LM	260	78° 41' 25" W	1° 3' 42" S	2960	5	INAMHI	61	135
H799	CANAL MULALILLO	LM	260	78° 41' 32" W	1° 3' 34" S	0	5	INAMHI	61	
H817	PATATE DJ AMBATO	LG	260	78° 30' 36" W	1° 15' 0" S	0	18	INAMHI	62	
H889	ZAMORA DJ SABANILLA(EN ZAMORA)	LG	280	78° 56' 56" W	4° 3' 39" S	980	19	INAMHI	62	136
H892	MAZAR AJ PAUTE	LM	280	78° 38' 35" W	2° 34' 14" S	2250	3	INAMHI	63	137
H895	TOMEBAMBA EN MONAY	LG	280	78° 57' 59" W	2° 53' 29" S	2480	1	INAMHI	63	138
H896	MATADERO EN SAYAUSI	LG	280	79° 4' 0" W	2° 52' 1" S	2645	1	INAMHI	64	139
H897	SURUCUCHO AJ LLULLUCCHAS	LM	280	79° 7' 45" W	2° 50' 27" S	2980	1	INAMHI	64	140
H899	SAN FRANCISCO EN GUALACEO	LM	280	78° 45' 49" W	2° 53' 43" S	2400	1	INAMHI	65	141
H929	COLLAY AJ PAUTE	LG	280	78° 38' 59" W	2° 45' 30" S	2110	1	INAMHI	65	142
HA2D	PORTOVIEJO EN PICOAZA	LG	110	80° 29' 7" W	1° 1' 30" S	63	13	INAMHI	66	143
HA2H	CLEMENTINA EN CLEMENTINA	LM	140	79° 23' 17" W	1° 42' 27" S		12	INAMHI	66	
HA2K	ABRAS DE MANTEQUILLA	LM	140	79° 40' 8" W	1° 28' 55" S		12	INAMHI	67	
HA2L	SAMBORONDON EN SAMBORONDON	LG	140	79° 43' 6" W	1° 57' 42" S	0	9	INAMHI	67	

NIVELES MEDIOS DIARIOS (cm)

1998

H013	BLANCO AJ MIRA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	120 *	90 *	150 *	200 *	200 *	170 *	100 *	91 *	90 *	104	148	158
2	110 *	90 *	150 *	200 *	180 *	163 *	100 *	94 *	90 *	102	189	158
3	130 *	90 *	150 *	200 *	183 *	163 *	100 *	91 *	90 *	99	184	159
4	120 *	100 *		200 *	200 *	150 *		82 *	90 *	98	180	170 *
5	120 *	100 *		200 *	200 *	150 *		88 *	90 *	96	186	170 *
6	130 *	150 *		200 *	180 *	150 *		90 *	92 *	98	196	160 *
7	140 *	155 *	160 *	200 *	180 *	150 *		90 *	97 *	101	206	140 *
8	140 *	150 *	173 *	198 *	180 *	150 *		90 *	97 *	112	198	
9	140 *	153 *	177 *	198 *	180 *			90 *	100 *	103	191	
10	140 *	151 *		200 *	180 *	150 *	95 *	90 *		99	197	145 *
11	135 *	152 *		200 *	180 *		100 *	90 *	91	98	192	140 *
12	130 *		181 *	200 *	180 *	148 *	100 *	90 *	93	99	193	135 *
13	125 *		180 *	200 *	180 *	140 *	80 *	90 *	118	118	196	145 *
14	110 *		179 *	200 *	170 *		90 *	90 *	108	116	193	140 *
15	125 *		180 *	200 *		155 *	90 *	90 *	103	109	193	140 *
16	120 *		145 *	200 *			90 *	90 *	101	105	190	160 *
17	120 *	180 *	180 *	185 *	160 *	165 *	90 *	90 *	99	107	191	170 *
18	120 *	180 *	168 *	178 *	160 *	150 *		90 *	100	116	197	170 *
19	110 *	191 *	170 *	180 *		150 *		90 *	98	118	191	180 *
20	110 *	160 *	168 *	180 *	150 *	150 *		90 *	96	134	190	200 *
21	100 *	165 *	170 *	181 *	150 *	150 *	98 *	90 *	97	132	190	185 *
22	100 *	160 *	183 *	180 *	150 *	150 *	98 *	90 *	110	132	190	180 *
23	100 *	150 *	168 *	180 *	160 *	150 *	98 *	90 *	120	126	187	170 *
24	90 *	151 *	173 *	180 *	160 *	100 *	98 *	90 *	117	122	184	173 *
25	90 *	153 *	155 *	180 *	160 *	100 *	98 *	90 *	111	122	182	160 *
26	90 *	160 *	180 *	180 *	170 *	100 *		90 *	108	124	172	170 *
27		175 *	180 *	185 *	170 *	100 *	99 *	90 *	107	121	165	130 *
28	90 *	160 *	183 *	188 *	170 *	100 *	99 *	90 *	113	117	164	130 *
29	90 *		181 *		170 *	100 *	99 *	90 *	110	121	164	160 *
30	90 *		182 *	187 *	170 *	100 *	99 *	90 *	107	139	161	180 *
31	90 *		180 *		170 *		100 *			135		180 *
Nivel Max.										143	210	
Día										29	6	
Hora										20	19	
Nivel Min.										96	133	
Día										5	1	
Hora										12	12	
Nivel Medio	114	146	171	192	173	139	96	90	101	114	185	161

NOTA: * DATOS LIMNIMETRICOS

1998

H016	APAQUI AJ CHOTA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		103 *	127 *	109 *	178 *	143 *	144 *	128 *		105 *	122 *	109 *
2	107 *	102 *	120 *	107 *	168 *	169 *	143 *	127 *		104 *	120 *	108 *
3		101 *	115 *	106 *	157 *	198 *	140 *	133 *		103 *	121 *	108 *
4		100 *	112 *	105 *	146 *	195 *	138 *	157 *		103 *	124 *	109 *
5	108 *		110 *	107 *	140 *	191 *	131 *	145 *		101 *	154 *	111 *
6			107 *	106 *	158 *	177 *	130 *	138 *		99 *	152 *	115 *
7	108 *	119 *	103 *	105 *	149 *	170 *	127 *	132 *		98 *	143 *	119 *
8	107 *	118 *	100 *	104 *	145 *	161 *	128 *	128 *		135 *	135 *	120 *
9	106 *	117 *	99 *	106 *	140 *	140 *	130 *	127 *		121 *	130 *	117 *
10	105 *	116 *	98 *	106 *	138 *	129 *	137 *	128 *		110 *	131 *	116 *
11	104 *	116 *	98 *	105 *	129 *	141 *	167 *	133 *		106 *	132 *	112 *
12	104 *	114 *	98 *	104 *	132 *	138 *	220 *	127 *		104 *	150 *	112 *
13	107 *	111 *	97 *	103 *	132 *	133 *	209 *	121 *		103 *	142 *	110 *
14	105 *	109 *	97 *	102 *	140 *	127 *	156 *	118 *		103 *	127 *	113 *
15	105 *	106 *	96 *	101 *	143 *	122 *	174 *	116 *		105 *	125 *	118 *
16	104 *	103 *	95 *	100 *	122 *	120 *	158 *	114 *		106 *	123 *	118 *
17	103 *	101 *	95 *	106 *	120 *	118 *	132 *	115 *		108 *	121 *	113 *
18	101 *	101 *	96 *	107 *	142 *	116 *	128 *	114 *		139 *	120 *	109 *
19	99 *	100 *	102 *	111 *	139 *	116 *	132 *	118 *	96 *	164 *	121 *	107 *
20	117 *	100 *	95 *	113 *	136 *	119 *	180 *	118 *	97 *	159 *	119 *	106 *
21	114 *	99 *	96 *	110 *	131 *	123 *	173 *	119 *	95 *	145 *	119 *	105 *
22	111 *	98 *	98 *	108 *	126 *	125 *	155 *	176 *	97 *	135 *	118 *	104 *
23	109 *	97 *	100 *	165 *	122 *	127 *	154 *	170 *	117 *	130 *	116 *	105 *
24	108 *	95 *	103 *	147 *	121 *	131 *	160 *	166 *	115 *	155 *	116 *	104 *
25	106 *	94 *	105 *	120 *	123 *	139 *	167 *	162 *	112 *	184 *	115 *	105 *
26	105 *	94 *	107 *	109 *	116 *	150 *	139 *	159 *	111 *	177 *	114 *	
27	104 *	94 *	108 *	107 *	114 *	162 *	132 *	154 *	108 *	165 *	112 *	
28	114 *	95 *	107 *	108 *	116 *	175 *	134 *	153 *	107 *	173 *	112 *	
29	110 *		106 *	113 *	122 *	165 *	132 *	157 *	106 *	162 *	112 *	
30	109 *		106 *	117 *	134 *	156 *	137 *	164 *	106 *	141 *	111 *	
31	106 *		106 *		140 *		130 *			128 *		
Nivel Max.			129 *	168 *	180 *	207 *	222 *			187 *	159 *	
Día			1	23	1	3	12			25	5	
Hora			7	7	7	18	18			18	18	
Nivel Min.			94 *	99 *	113 *	115 *	120 *			98 *	109 *	
Día			16	16	27	19	31			7	31	
Hora			18	18	18	7	18			7	18	
Nivel Medio	107	104	103	110	136	146	149	137		128	125	111

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998												
H017	APAQUI D GRUTA LA PAZ #3											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	31 *	41 *	39 *	32 *	34 *	69 *	105 *	77 *	74 *	34	38	39
2	34 *	39 *	70 *	30 *	37 *	89 *	93 *	78 *	65 *	37	44	40
3	33 *	37 *	79 *	60 *	40 *	123 *	83 *	94 *	60 *	35	46	39
4	43 *	40 *	63 *	64 *	78 *	150 *	74 *	94 *	58 *	36	38	42
5	48 *	37 *	52 *	57 *	84 *	114 *	69 *	80 *	57 *	35	52	40
6	44 *	31 *	42 *	49 *	105 *	89 *	78 *	67 *	50 *	35	62	43
7	38 *	29 *	31 *	39 *	73 *	83 *	65 *	65 *	47 *	33	51	39
8	34 *	29 *	28 *	76 *	79 *	79 *	58 *	62 *	44 *	58	46	38
9	30 *	60 *	30 *	59 *	93 *	83 *	59 *	62 *	57 *	55	49	38
10	29 *	57 *	32 *	55 *	80 *	84 *	67 *	69 *	60 *	38	46	40
11	29 *	59 *	37 *	51 *	64 *	74 *	105 *	71 *	72 *	39	46	42
12	31 *	63 *	32 *	47 *	61 *	99 *	131 *	76 *	62 *	35	45	40
13	34 *	64 *	26 *	43 *	73 *	74 *	96 *	79 *	48 *	39	50	39
14	35 *	55 *	29 *	37 *	85 *	65 *	80 *	58 *	43 *	64	55	38
15	36 *	57 *	32 *	31 *	67 *	89 *	72 *	56 *	38 *	69	43	46
16	37 *	53 *	34 *	29 *	59 *	82 *	61 *	49 *	41 *	62	47	42
17	37 *	47 *	37 *	31 *	77 *	59 *	66 *	63 *	41 *	57	41	41
18	38 *	44 *	29 *	30 *	89 *	55 *	69 *	63 *	33	47	39	36
19	41 *	42 *	30 *	29 *	60 *	59 *	77 *	64 *	34	54	39	39
20	37 *	39 *	28 *	34 *	59 *	75 *	94 *	52 *	35	39	39	38
21	36 *	38 *	25 *	55 *	48 *	98 *	70 *	53 *	34	36	41	45
22	38 *	36 *	25 *	47 *	40 *	89 *	73 *	100 *	56	37	42	44
23	39 *	35 *	26 *	106 *	48 *	73 *	104 *	78 *	37	37	49	40
24	43 *	29 *	27 *	64 *	77 *	71 *	97 *	63 *	35	42	48	39
25	38 *	26 *	29 *	54 *	83 *	78 *	101 *	48 *	34	74	45	38
26	30 *	29 *	29 *	47 *	65 *	96 *	93 *	90 *	33	63	42	39
27	28 *	31 *	28 *	41 *	58 *	95 *	69 *	77 *	34	51	41	38
28	31 *	28 *	30 *	37 *	52 *	105 *	59 *	83 *	31	47	40	33
29	37 *		30 *	32 *	55 *	113 *	61 *	96 *	31	43	38	33
30	40 *		32 *	29 *	59 *	118 *	65 *	100 *	34	42	46	41
31			34 *		58 *		69 *	81 *		38		35
Nivel Max.		65 *	85 *	130 *	120 *	170 *	142 *	100 *	80 *	94	72	54
Día		13	2	23	6	4	12	vv	11	25	5	15
Hora		6	18	6	6	18	6		18	11	23	22
Nivel Mín.		26 *	24 *	28 *	32 *	55 *	52 *	40 *	28 *	33	37	32
Día		25	22	16	1	18	9	25	28	7	29	29
Hora		6	6	6	6	6	6	18	6	13	18	
Nivel Medio	36	42	35	46	66	87	79	72	46	45	45	39

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H023	AMBI DJ CARIYACU											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	104 *	105 *	105 *	135 *	98 *	95 *	74 *	74 *	75 *	76 *	98 *	90 *
2	104 *	105 *	105 *	135 *	98 *	95 *	74 *	74 *	75 *	76 *	98 *	90 *
3	104 *	105 *	105 *	128 *	98 *	95 *	84 *	73 *	75 *	76 *	98 *	90 *
4	104 *	105 *	105 *	125 *	100 *	95 *	83 *	73 *	75 *	76 *	98 *	88 *
5	104 *	103 *	105 *	120 *	105 *	100 *	83 *	73 *	75 *	76 *	110 *	88 *
6	104 *	100 *	106 *	120 *	112 *	100 *	82 *	70 *	75 *	76 *	108 *	88 *
7	104 *	95 *	106 *	115 *	115 *	115 *	80 *	70 *	75 *	76 *	105 *	88 *
8	100 *	95 *	106 *	103 *	108 *	115 *	80 *	72 *	75 *	76 *	100 *	86 *
9	100 *	95 *	106 *	103 *	108 *	100 *	79 *	73 *	75 *	76 *	98 *	86 *
10	100 *	98 *	108 *	102 *	106 *	100 *	79 *	75 *	75 *	76 *	98 *	86 *
11	100 *	100 *	108 *	102 *	105 *	100 *	79 *	75 *	75 *	76 *	98 *	86 *
12	100 *	100 *	108 *	102 *	102 *	98 *	78 *	77 *	75 *	76 *	95 *	86 *
13	100 *	103 *	110 *	105 *	100 *	98 *	78 *	77 *	75 *	74 *	100 *	84 *
14	100 *	106 *	110 *	108 *	100 *	95 *	78 *	77 *	75 *	74 *	98 *	84 *
15	100 *	105 *	110 *	110 *	98 *	95 *	78 *	74 *	75 *	74 *	98 *	84 *
16	100 *	105 *	110 *	110 *	98 *	94 *	77 *	75 *	75 *	74 *	95 *	84 *
17	99 *	105 *	110 *	100 *	97 *	94 *	76 *	75 *	78 *	74 *	95 *	83 *
18	98 *	105 *	108 *	100 *	97 *	92 *	78 *	75 *	78 *	74 *	95 *	83 *
19	98 *	100 *	108 *	100 *	96 *	90 *	78 *	76 *	78 *	74 *	93 *	83 *
20	97 *	100 *	105 *	98 *	96 *	90 *	77 *	76 *	78 *	76 *	93 *	83 *
21	96 *	100 *	105 *	98 *	95 *	88 *	76 *	76 *	78 *	78 *	90 *	83 *
22	96 *	106 *	105 *	96 *	95 *	86 *	76 *	76 *	78 *	78 *	90 *	83 *
23	96 *	106 *	105 *	96 *	92 *	84 *	75 *	76 *	78 *	82 *	93 *	83 *
24	96 *	105 *	105 *	93 *	90 *	83 *	75 *	75 *	76 *	84 *	92 *	84 *
25	95 *	105 *	105 *	93 *	90 *	83 *	74 *	75 *	76 *	84 *	90 *	82 *
26	95 *	105 *	104 *	94 *	95 *	83 *	74 *	75 *	76 *	88 *	90 *	81 *
27	95 *	105 *	104 *	95 *	110 *	82 *	74 *	75 *	76 *	100 *	90 *	80 *
28	95 *		104 *	95 *	110 *	82 *		75 *	76 *	100 *	90 *	78 *
29	95 *		120 *	96 *	105 *	83 *		75 *	76 *	98 *	90 *	76 *
30	95 *		135 *	96 *	90 *	84 *		75 *	76 *	98 *	88 *	75 *
31	95 *		130 *		90 *					98 *		75 *
Nivel Max.	104 *		135 *	135 *	115 *	115 *			78 *	100 *	110 *	90 *
Día	vv		30	vv	7	vv			vv	vv	5	vv
Hora			7		7						7	
Nivel Mín.	95 *		103 *	93 *	90 *	82 *			75 *	74 *	88 *	75 *
Día	vv		27	vv	vv	vv			vv	vv	30	vv
Hora			17								7	
Nivel Medio	99	102	108	106	100	93	78	75	76	80	96	84

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H024		BLANCO EN PTE.CARRETERA										
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	54 *	54 *	55 *		65 *	70 *	54 *	54 *	52	53	57	58 *
2	54 *	53 *	55 *		65 *	75 *	54 *	54 *	52	53	57	58 *
3	54 *	53 *	55 *		110 *	75 *	54 *	54 *	52	54	57	58 *
4	54 *	53 *	55 *		68 *	65 *	54 *	54 *	52	53	56	58 *
5	54 *	54 *	56 *		68 *	60 *	54 *	54 *	53	53	58	79 *
6	55 *	54 *	55 *		66 *	60 *	54 *	54 *	53	54	59	58 *
7	55 *	54 *	54 *		66 *	59 *	54 *	54 *	52	53	58	58 *
8	54 *	55 *	54 *		65 *	56 *	54 *	54 *	52	53	58	55 *
9	54 *	55 *	54 *		65 *	55 *	54 *	54 *	52	53	74	55 *
10	55 *	55 *	54 *		65 *	55 *	54 *	53 *	53	53	65	55 *
11	54 *	55 *	54 *		65 *	57 *	54 *	53 *	53	53	59	55 *
12	55 *	55 *	54 *		65 *	57 *	54 *	53 *	53	53	61	55 *
13	55 *	55 *	54 *		65 *	56 *	54 *	53 *	52	53	60	55 *
14	55 *	55 *	55 *		63 *	56 *	54 *	53 *	55	52	61	55 *
15	55 *	55 *	58 *		63 *	56 *	54 *	53 *	61	53	58	55 *
16	55 *	55 *	57 *		63 *	56 *	54 *	53 *	54	53	57	55 *
17	55 *	55 *	55 *		60 *	56 *	54 *	53 *	53	53	56	55 *
18	54 *	56 *	55 *		57 *	56 *	54 *	53 *	53	54	57	55 *
19	54 *	56 *	55 *		55 *	56 *	54 *	53 *	54	54	60 *	55 *
20	54 *	56 *	55 *		55 *	56 *	54 *	53 *	53	55	60 *	55 *
21	54 *		54 *		55 *	56 *	54 *	53 *	54	55	60 *	55 *
22	54 *		54 *		55 *	56 *	54 *	53 *	53	56	59 *	55 *
23	54 *	55 *	54 *		55 *	56 *	54 *	53 *	53	55	59 *	55 *
24	54 *	55 *	56 *		55 *	56 *	54 *	53 *	54	54	59 *	55 *
25	54 *	54 *	59 *		55 *	56 *	54 *	53 *	53	55	58 *	55 *
26	54 *	54 *	59 *		58 *	56 *	54 *	53 *	53	54	58 *	55 *
27	54 *	54 *	58 *		60 *	56 *	54 *	53 *	53	55	58 *	56 *
28	54 *	56 *	58 *		64 *	56 *	54 *	53 *	54	56	58 *	55 *
29	54 *		59 *		68 *	56 *	54 *	53 *	53	59	58 *	55 *
30	54 *		62 *		65 *	56 *	54 *	53 *	53	57	58 *	55 *
31	54 *		66 *				54 *	53 *		61		55 *
Nivel Max. Día Hora	55 *		66 *			75 *	54 *	54 *	71	74	86	100 *
	vv		31			vv	vv	vv	15	31	9	5
			7						2	6	20	17
Nivel Min. Día Hora	54 *		54 *			55 *	54 *	53 *	52	52	55	55 *
	vv		vv			vv	vv	vv	vv	15	17	vv
										16	19	
Nivel Medio	54	55	56		63	58	54	53	53	54	59	56

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H026		ITAMBI EN L.S.PABLO										
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *		83 *	98 *	75 *	70 *	53 *	52 *	52 *	53 *	80 *	66 *
2	55 *		80 *	98 *	112 *	70 *	53 *	52 *	52 *	53 *	65 *	66 *
3	54 *		80 *	98 *	107 *	70 *	53 *	52 *	52 *	53 *	71 *	65 *
4	53 *		79 *	101 *	76 *	69 *	53 *	52 *	52 *	53 *	78 *	64 *
5	54 *		79 *	114 *	56 *	69 *	54 *	52 *	52 *	53 *	85 *	69 *
6	54 *		75 *	110 *	55 *	65 *	54 *	52 *	52 *	53 *	101 *	80 *
7	54 *		73 *	98 *	53 *	64 *	53 *	52 *	52 *	53 *	104 *	69 *
8	54 *		72 *	81 *	54 *	61 *	52 *	52 *	52 *	53 *	103 *	62 *
9	54 *		72 *	95 *	56 *	58 *	52 *	52 *	52 *	53 *	111 *	62 *
10	89 *		72 *	91 *	61 *	58 *	52 *	52 *	52 *	54 *	106 *	63 *
11	60 *		71 *	71 *	126 *	58 *	52 *	52 *	52 *	54 *	97 *	95 *
12	58 *		70 *	62 *	110 *	58 *	52 *	52 *	52 *	54 *	87 *	78 *
13	58 *		71 *	62 *	72 *	58 *	52 *	52 *	54 *	54 *	88 *	72 *
14	58 *		72 *	60 *	72 *	58 *	52 *	52 *	53 *	56 *	81 *	69 *
15	58 *		70 *	60 *	69 *	58 *	52 *	53 *	52 *	56 *	78 *	68 *
16	58 *		70 *	60 *	66 *	58 *	52 *	53 *	52 *	56 *	75 *	67 *
17	59 *		70 *	60 *	66 *	58 *	52 *	53 *	52 *	56 *	72 *	67 *
18	59 *		70 *	59 *	65 *	57 *	52 *	53 *	52 *	56 *	72 *	67 *
19	59 *		71 *	59 *	60 *	56 *	52 *	53 *	52 *	56 *	72 *	66 *
20	59 *		71 *	59 *	58 *	56 *	52 *	53 *	52 *	56 *	73 *	67 *
21	59 *		113 *	59 *	58 *	55 *	52 *	53 *	52 *	56 *	73 *	67 *
22	59 *		83 *	59 *	58 *	54 *	52 *	53 *	53 *	58 *	73 *	66 *
23	59 *		74 *	60 *	58 *	54 *	52 *	53 *	52 *	58 *	74 *	66 *
24	59 *		72 *	56 *	54 *	54 *	52 *	53 *	53 *	65 *	73 *	66 *
25	61 *		72 *	55 *	66 *	54 *	52 *	53 *	52 *	72 *	72 *	66 *
26	61 *		83 *	55 *	68 *	54 *	52 *	53 *	52 *	66 *	72 *	66 *
27	63 *		82 *	55 *	65 *	54 *	52 *	53 *	52 *	62 *	72 *	67 *
28	65 *		109 *	55 *	108 *	54 *	52 *	53 *	52 *	61 *	69 *	67 *
29	65 *		124 *	55 *	128 *	54 *	52 *	53 *	52 *	68 *	68 *	67 *
30	65 *		120 *	55 *	125 *	53 *	52 *	53 *	52 *	69 *	66 *	67 *
31	65 *		99 *		120 *		52 *	53 *		94 *		67 *
Nivel Max.	89 *		135 *	128 *	194 *	70 *	54 *	53 *	54 *	125 *	128 *	126 *
Día	10		28	5	11	vv	vv	vv	13	31	9	11
Hora	7		18	18	18				7	18	18	18
Nivel Mín.	53 *		70 *	55 *	50 *	53 *	52 *	52 *	52 *	52 *	60 *	62 *
Día	3		vv	vv	24	30	vv	vv	vv	4	3	vv
Hora	7				18	7				18	7	
Nivel Medio	59		81	72	76	59	52	53	52	58	80	68

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H045	APAQUI DJ MINAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	50 *	45 *	40 *	40 *	50 *	100 *	100 *	85 *	85 *	55 *	80 *	87 *
2	50 *	45 *	40 *	40 *	50 *	121 *	100 *	101 *	70 *	55 *	90 *	80 *
3	50 *	45 *	100 *	40 *	65 *	150 *	100 *	111 *	70 *	55 *	80 *	75 *
4	50 *	45 *	63 *	40 *	95 *	135 *	100 *	111 *	68 *	55 *	95 *	73 *
5	50 *	45 *	50 *	40 *	85 *	120 *	100 *	90 *	67 *	55 *	120 *	70 *
6	48 *	45 *	50 *	50 *	104 *	110 *	95 *	90 *	63 *	50 *	90 *	70 *
7	48 *	45 *	50 *	50 *	78 *	100 *	90 *	80 *	60 *	50 *	85 *	65 *
8	48 *	45 *	65 *	60 *	84 *	90 *	88 *	75 *	60 *	106 *	80 *	65 *
9	44 *	90 *	55 *	58 *	88 *	100 *	85 *	75 *	60 *	78 *	80 *	65 *
10	40 *	55 *	50 *	58 *	90 *	100 *	85 *	75 *	70 *	63 *	80 *	60 *
11	45 *	45 *	45 *	58 *	90 *	146 *	140 *	73 *	65 *	50 *	80 *	60 *
12	35 *	45 *	45 *	52 *	74 *	140 *	160 *	70 *	60 *	50 *	80 *	60 *
13	35 *	45 *	40 *	45 *	78 *	100 *	130 *	70 *	55 *	50 *	80 *	60 *
14	35 *	50 *	40 *	45 *	89 *	100 *	100 *	65 *	55 *	50 *	80 *	55 *
15	35 *	55 *	40 *	45 *	80 *	101 *	95 *	65 *	55 *	50 *	80 *	50 *
16	35 *	55 *		45 *			90 *		60 *		80 *	50 *
17	43 *	55 *	40 *	45 *	78 *	85 *	80 *	68 *	50 *	80 *	80 *	50 *
18	35 *	75 *	40 *	45 *	89 *	75 *	80 *	70 *	48 *	75 *	80 *	50 *
19	35 *	53 *	45 *	45 *	111 *	75 *	130 *	65 *	48 *	95 *	80 *	50 *
20	48 *	45 *	45 *	45 *	78 *	73 *	130 *	50 *	95 *	95 *	80 *	50 *
21	48 *	45 *	45 *	45 *	70 *	70 *	115 *	50 *	88 *	75 *	80 *	50 *
22	45 *	45 *	45 *	65 *	60 *	120 *	100 *	118 *	80 *	70 *	78 *	50 *
23	45 *	43 *	45 *	111 *	90 *	100 *	105 *	95 *	73 *	60 *	78 *	50 *
24	45 *	43 *	45 *	80 *	90 *	83 *	110 *	88 *	70 *	69 *	78 *	50 *
25	45 *	40 *	45 *	65 *	90 *	80 *	95 *	83 *	50 *	140 *	80 *	50 *
26	45 *	40 *	45 *	60 *	78 *	80 *	90 *	100 *	50 *	100 *	80 *	50 *
27	45 *	40 *	40 *	65 *	90 *	100 *	95 *	115 *	50 *	85 *	80 *	50 *
28	45 *	40 *	40 *	58 *	100 *	100 *	110 *	100 *	50 *	85 *	85 *	48 *
29	45 *		40 *	50 *	105 *	90 *	106 *	100 *	50 *	85 *	85 *	48 *
30	45 *		40 *	50 *	85 *	95 *	95 *	130 *	50 *	85 *	85 *	48 *
31	45 *		40 *		85 *		90 *	90 *		80 *		50 *
Nivel Max.	50 *	90 *		111 *			170 *		99 *		140 *	88 *
Día	vv	9		23			12		20		5	1
Hora		6		6			6		6		6	6
Nivel Mín.	35 *	40 *		40 *			70 *		48 *		78 *	48 *
Día	vv	vv		vv			9		vv		vv	vv
Hora							6					
Nivel Medio	44	49	47	53	83	101	103	85	62	72	83	58

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H091	GRANDE AJ JATIVA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	32 *	29 *	30 *	47 *	61 *	75 *	45 *	30 *	35 *	27	50	41
2	31 *	29 *	36 *	47 *	64 *	84 *	45 *	30 *	35 *	27	53	42
3	30 *	28 *	38 *	47 *	65 *	70 *	44 *	29 *	33 *	28	50	38
4	30 *	28 *	37 *	50 *	75 *	65 *	44 *	29 *	31 *	27	49	36
5	30 *	28 *	36 *	50 *	73 *	62 *	44 *	29 *	30 *	26	54	41
6	32 *	26 *	36 *	50 *	74 *	60 *	40 *	27 *	30 *	26	56	42
7	33 *	26 *	35 *	49 *	68 *	60 *	40 *	29 *	30 *	26	51	39
8	31 *	26 *	35 *	63 *	90 *	58 *	40 *	29 *	30 *	36	51	37
9	30 *	49 *	35 *	59 *	83 *	56 *	40 *	29 *	29 *	41	46	50 *
10	30 *	45 *	32 *	59 *	76 *	55 *	40 *	28 *	30 *	33	65	50 *
11	30 *	46 *	30 *	58 *	69 *	50 *	40 *	28 *	30 *	30	48	49 *
12	30 *	44 *	30 *	57 *	63 *	50 *	41 *	26 *	29 *	27	46	49 *
13	30 *	40 *	30 *	57 *	58 *	50 *	46 *	26 *	27 *	26	51	49 *
14	30 *	40 *	30 *	58 *	55 *	49 *	49 *	25 *	28 *	26	56	46 *
15	32 *	55 *	30 *	58 *	52 *	49 *	47 *	25 *	28 *	31	49	48 *
16	31 *	50 *	30 *	63 *	51 *	51 *	45 *	25 *	29 *	28	56	49 *
17	31 *	47 *	30 *	59 *	50 *	49 *	44 *	25 *	29 *	29	49	50 *
18	31 *	42 *	30 *	59 *	50 *	49 *	44 *	25 *	27	28	51	50 *
19	31 *	40 *	31 *	58 *	54 *	47 *	41 *	26 *	27	56	48	50 *
20	30 *	40 *	32 *	57 *	48 *	46 *	40 *	27 *	27	45	50	50 *
21	30 *	40 *	30 *	56 *	48 *	46 *	40 *	28 *	28	35	51	49 *
22	30 *	40 *	30 *	56 *	45 *	45 *	40 *	81 *	30	48	50	48 *
23	30 *	39 *	35 *	57 *	45 *	45 *	40 *	73 *	27	52	46	48 *
24	29 *	37 *	35 *	58 *	44 *	47 *	40 *	73 *	26	70	45	50 *
25	29 *	34 *	36 *	58 *	43 *	48 *	39 *	60 *	26	68	43	50 *
26	29 *	30 *	39 *	56 *	44 *	49 *	40 *	60 *	27	56	42	50 *
27	29 *	30 *	43 *	56 *	52 *	49 *	39 *	49 *	27	51	44	55 *
28	29 *	30 *	45 *	54 *	58 *	48 *	39 *	44 *	26	52	43	59 *
29	29 *		45 *	55 *	56 *	46 *	36 *	40 *	26	55	42	60 *
30	29 *		44 *	58 *	58 *	45 *	35 *	38 *	27	54	39	63 *
31	29 *		47 *		63 *		34 *	35 *		46		59 *
Nivel Max.	33 *	70 *	48 *	65 *	100 *	85 *	50 *	82 *	35 *	77	74	65 *
Día	7	15	31	8	8	2	14	22	vv	24	10	30
Hora	7	17	17	17	17	7	17	17		23	6	17
Nivel Mín.	29 *	26 *	29 *	45 *	42 *	44 *	33 *	24 *	25	26	39	34
Día	vv	vv	16	1	25	30	31	18	29	vv	30	5
Hora			7	17	17	17	17	17	21		6	9
Nivel Medio	30	37	35	55	59	53	41	36	29	39	49	48

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H138	BLANCO DJ TOACHI(PTE.UNICOOP)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	230	210	231	390 *	250 *	0 *	130 *	90 *	70 *	60 *	40 *	40 *
2	222	187	234	310 *	225 *	0 *	120 *	90 *	70 *	60 *	50 *	40 *
3	219	182	218	280 *	220 *	0 *	120 *	90 *	60 *	50 *	40 *	40 *
4	208	184	226	270 *	260 *	0 *	120 *	80 *	60 *	50 *	40 *	30 *
5	214	200	215	320 *	250 *	0 *	100 *	80 *	60 *	60 *	50 *	30 *
6	261	246	247	260 *	200 *	0 *	100 *	80 *	60 *	60 *	60 *	30 *
7	245	239	222	270 *	200 *	0 *	120 *	90 *	60 *	50 *	50 *	30 *
8	231	273	209	250 *	200 *	0 *	110 *	100 *	70 *	50 *	50 *	30 *
9	221	259	203	200 *	200 *	0 *	130 *	110 *	70 *	60 *	40 *	30 *
10	214	246	240	265 *	210 *	0 *	140 *	120 *	70 *	60 *	40 *	40 *
11	225	226	228	230 *	210 *	0 *	120 *	100 *	70 *	70 *	40 *	30 *
12	223	214	223	240 *	205 *	0 *	120 *	100 *	60 *	70 *	60 *	30 *
13	222	227	213	240 *	200 *	0 *	120 *	90 *	60 *	50 *	60 *	40 *
14	219	234	225	240 *	200 *	0 *	120 *	90 *	60 *	50 *	50 *	40 *
15	244	235	218	265 *	190 *	0 *	120 *	100 *	60 *	50 *	50 *	40 *
16	232	210	229	230 *	190 *	0 *	110 *	80 *	60 *	40 *	50 *	40 *
17	244	205	234	220 *	180 *	0 *	110 *	80 *	70 *	40 *	40 *	30 *
18	240	237	212	260 *	170 *	0 *	110 *	90 *	70 *	40 *	40 *	30 *
19	239	226	247	285 *	165 *	0 *	110 *	80 *	60 *	50 *	40 *	30 *
20	223	235	230 *	260 *	150 *	0 *	100 *	70 *	70 *	50 *	40 *	30 *
21	213	251	200 *	230 *	140 *	0 *	100 *	70 *	70 *	60 *	50 *	30 *
22	200	271	330 *	200 *	140 *	0 *	100 *	70 *	70 *	60 *	51 *	30 *
23	209	272	320 *	230 *	160 *	0 *	100 *	70 *	60 *	60 *	40 *	20 *
24	218	256	265 *	230 *	145 *	0 *	100 *	70 *	60 *	50 *	40 *	20 *
25	214	229	240 *	235 *	145 *	0 *	100 *	70 *	70 *	50 *	40 *	20 *
26	206	249	230 *	205 *	250 *	0 *	100 *	80 *	70 *	40 *	40 *	20 *
27	206	257	220 *	200 *	250 *	0 *	100 *	70 *	50 *	40 *	50 *	20 *
28	203	224	220 *	200 *	220 *	0 *	100 *	60 *	50 *	40 *	40 *	40 *
29	190		260 *	200 *	215 *	0 *	100 *	60 *	50 *	40 *	40 *	30 *
30	187		260 *	200 *	200 *	0 *	90 *	70 *	50 *	40 *	40 *	40 *
31	190		345 *		200 *		90 *	70 *		40 *		30 *
Nivel Max.	320	347	390 *	400 *	260 *	*	140 *	120 *	70 *	70 *	60 *	40 *
Día	6	26	31	1	1	0	10	10	vv	vv	vv	vv
Hora	5	22	7	7	7		7	7				
Nivel Mín.	183	178	197	200 *	140 *	0 *	90 *	60 *	50 *	40 *	40 *	20 *
Día	31	5	9	vv	vv		vv	vv	vv	vv	vv	vv
Hora	20	14	13									
Nivel Medio	220	232	238	247	198	0	110	83	63	51	45	32

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H143	GRANOBLES AJ GUACHALA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	72 *		79 *		93 *			70 *	68 *	73 *	93 *	76 *
2	72 *		83 *		91 *			70 *	71 *	76 *	90 *	79 *
3	70 *		86 *		92 *			68 *	70 *	76 *	92 *	76 *
4	68 *		89 *		90 *			67 *	74 *	80 *	92 *	73 *
5	69 *		91 *		84 *			66 *	74 *	84 *	89 *	70 *
6	67 *		96 *		84 *			65 *	69 *	86 *	88 *	76 *
7	66 *		94 *		81 *			68 *	63 *	83 *	86 *	82 *
8	65 *		92 *		79 *			71 *	66 *	81 *	87 *	83 *
9	63 *		91 *		76 *			74 *	71 *	81 *	85 *	79 *
10	62 *		94 *		74 *			72 *	67 *	79 *	83 *	80 *
11	60 *		98 *		72 *			69 *	65 *	77 *	80 *	82 *
12	59 *		97 *		71 *			68 *	64 *	76 *	77 *	80 *
13	59 *		93 *		75 *			67 *	61 *	75 *	73 *	79 *
14	59 *		90 *		71 *			65 *	64 *	72 *	74 *	76 *
15	57 *		91 *		69 *			63 *	67 *	72 *	71 *	73 *
16	58 *		91 *		70 *			63 *	65 *	75 *	73 *	71 *
17	62 *		89 *		68 *			62 *	67 *	76 *	76 *	70 *
18	60 *		88 *		71 *			59 *	65 *	79 *	78 *	70 *
19	58 *		87 *		70 *			54 *	62 *	76 *	82 *	68 *
20	56 *		85 *		74 *			55 *	59 *	73 *	85 *	67 *
21	56 *		81 *		75 *			60 *	56 *	70 *	88 *	70 *
22	55 *		81 *		70 *			62 *	57 *	76 *	86 *	73 *
23	54 *		85 *		63 *			65 *	58 *	82 *	87 *	75 *
24	60 *		87 *		66 *			65 *	62 *	93 *	92 *	78 *
25	64 *		93 *		71 *			66 *	66 *	103 *	95 *	86 *
26	67 *		97 *		67 *			63 *	66 *	97 *	95 *	88 *
27	67 *		104 *		65 *			62 *	70 *	96 *	92 *	96 *
28	65 *		106 *		67 *			64 *	72 *	95 *	88 *	111 *
29	63 *		100 *		70 *			67 *	75 *	97 *	83 *	119 *
30	62 *		97 *		74 *			69 *	75 *	94 *	79 *	113 *
31	60 *		96 *		76 *			70 *		91 *		107 *
Nivel Max.	73 *		107 *		93 *			74 *	76 *	104 *	96 *	120 *
Día	1		28		1			9	29	25	26	29
Hora	8		8		18			18	18	8	8	8
Nivel Mín.	53 *		78 *		62 *			52 *	55 *	69 *	70 *	67 *
Día	23		1		23			19	21	21	15	19
Hora	8		8		18			18	18	8	18	18
Nivel Medio	62		91		74			65	66	82	84	81

NOTA: * DATOS LIMNIMETRICOS

1998

H144	GUACHALA AJ GRANOBLES											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	19 *	78 *	25 *	18 *		70 *	55 *	60 *	55 *	28 *	40 *	38 *
2	19 *	76 *	22 *	21 *		82 *	54 *	67 *	50 *	27 *	39 *	38 *
3	20 *	78 *	18 *	30 *		95 *	53 *	60 *	50 *	26 *	63 *	35 *
4	20 *	50 *	18 *	41 *		98 *	50 *	59 *	58 *	23 *	60 *	32 *
5	19 *	53 *	16 *	39 *		97 *	48 *	50 *	55 *	22 *	59 *	25 *
6	21 *	78 *	18 *	39 *		75 *	47 *	44 *	55 *	17 *	64 *	23 *
7	24 *	77 *	33 *	40 *		74 *	46 *	42 *	33 *	12 *	55 *	23 *
8	22 *	79 *	31 *	45 *		60 *	42 *	40 *	32 *	14 *	68 *	23 *
9	19 *	25 *	23 *	46 *		60 *	45 *	30 *	32 *	13 *	67 *	22 *
10	19 *	22 *	18 *	43 *		39 *	49 *	43 *	30 *	14 *	68 *	21 *
11	19 *	49 *	16 *	41 *		39 *	53 *	42 *	31 *	12 *	67 *	21 *
12	18 *	78 *	16 *	39 *		70 *	63 *	44 *	30 *	11 *	60 *	22 *
13	16 *	76 *	16 *	38 *			80 *	43 *	28 *	13 *	59 *	23 *
14	16 *	74 *	14 *	38 *		73 *	75 *	43 *	27 *	14 *	57 *	32 *
15	17 *	77 *	13 *	38 *		57 *	69 *	41 *	26 *	12 *	58 *	35 *
16	20 *	79 *	16 *	35 *		39 *	60 *	41 *	27 *	12 *	58 *	35 *
17	21 *	79 *	17 *	35 *		37 *	59 *	39 *	26 *	13 *	53 *	33 *
18	20 *	50 *	15 *	35 *		40 *	58 *	36 *	25 *	14 *	50 *	39 *
19	18 *	22 *	14 *	37 *		46 *	60 *	36 *	24 *	14 *	49 *	
20	20 *	79 *	14 *	39 *		51 *	59 *	35 *	28 *	15 *	48 *	38 *
21	24 *	77 *	16 *	40 *		55 *	59 *	38 *	28 *	15 *	47 *	36 *
22	25 *	76 *	19 *	41 *		55 *	57 *	40 *	29 *	12 *	45 *	36 *
23	21 *	79 *	22 *	61 *		54 *	58 *	42 *	27 *	14 *	43 *	34 *
24	19 *	79 *	23 *	66 *		53 *	58 *	40 *	27 *	15 *	40 *	33 *
25	18 *	76 *	21 *	56 *		52 *	60 *	41 *	28 *	18 *	40 *	33 *
26	16 *	75 *	20 *	49 *		59 *	60 *	42 *	29 *	20 *	37 *	30 *
27	14 *	75 *	19 *	84 *		50 *	59 *	43 *	27 *	26 *	38 *	26 *
28	16 *	79 *	44 *	67 *		53 *	55 *	46 *	28 *	33 *	35 *	19 *
29	18 *		38 *	53 *		56 *	57 *	55 *	28 *	40 *	34 *	15 *
30	20 *		25 *	48 *		60 *	59 *	61 *	27 *	50 *	33 *	13 *
31	22 *		21 *				61 *	58 *		40 *		45 *
Nivel Max.	25 *	79 *	44 *	89 *			80 *	68 *	58 *	50 *	68 *	
Día	21	vv	7	27			13	2	4	30	vv	
Hora	18		18	7			7	18	7	18		
Nivel Mín.	14 *	20 *	12 *	17 *			41 *	29 *	22 *	10 *	32 *	
Día	27	11	15	2			8	9	19	12	30	
Hora	7	7	7	7			18	18	18	18	18	
Nivel Medio	19	67	20	43		60	57	45	33	19	51	29

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998													
H146		GUAYLLABAMBA DJ ALAMBI											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	103	84	140	196	184	200 *	131 *	86 *	115 *	53 *	105 *	111 *
	2	97	81	155	165	169	227 *	111 *	70 *	114 *	54 *	110 *	97 *
	3	95	83	136	195	190	191 *	115 *	111 *	114 *	69 *	115 *	102 *
	4	92	81	125	186	148 *	192 *	113 *	122 *	115 *	73 *	120 *	105 *
	5	91	83	118	172	243 *	194 *	118 *	134 *	101 *	83 *	123 *	110 *
	6	100	84	114	180	140 *	169 *	123 *	146 *	112 *	103 *	115 *	113 *
	7	120	79	115	169	157 *	175 *	135 *	140 *	107 *	99 *	113 *	107 *
	8	125	106	121	157	163 *	155 *	145 *	158 *	111 *	79 *	113 *	108 *
	9	117	129	113	153	205 *	152 *	143 *	157 *	111 *	84 *	117 *	109 *
	10	108	137	113	148	185 *	147 *	146 *	132 *	107 *	62 *	122 *	109 *
	11	112	150	103	164	196 *	142 *	143 *	112 *	105 *		125 *	118 *
	12	98	134	112	167	206 *	140 *	149 *	82 *	109 *	73 *	114 *	117 *
	13	102	116	117	181	120 *	186 *	148 *	110 *	127 *	85 *		109 *
	14	104	119	109	200	123 *	123 *	124 *	107 *	132 *	52 *	132 *	97 *
	15	101	128	138	177	119 *	164 *	126 *	136 *	126 *	58 *	127 *	84 *
	16	101	123	136	169	114 *	141 *	109 *	127 *	133 *	71 *	132 *	94 *
	17	102	115	142	198	131 *	109 *	142 *	129 *	133 *	116 *	117 *	87 *
	18	99	110	132	212	182 *	122 *	161 *	104 *	126 *	131 *	115 *	87 *
	19	98	115	123	123 *	151 *	107 *	160 *	106 *	130 *	129 *	108 *	73 *
	20	98	115	119	185	117 *	108 *	113 *	108 *	120 *	127 *	115 *	89 *
	21	94	123	117	180	166 *	141 *	164 *	111 *	116 *	132 *	116 *	91 *
	22	90	134	113	168	120 *	118 *	147 *	114 *	103 *	120 *	121 *	
	23	86	152	117	169		117 *	136 *	107 *	104 *	112 *	108 *	
	24	89	145	121	173	131 *	114 *	116 *	95 *	109 *	102 *	109 *	93 *
	25	83	135	116	162	143 *	117 *	117 *	106 *	116 *	87 *	111 *	79 *
	26	84	123	121	164	153 *	121 *	103 *	107 *	108 *	90 *	108 *	69 *
	27	83	123	128	188	172 *	118 *	87 *	107 *	112 *	92 *	113 *	72 *
	28	91	120	159	175	172 *	121 *	83 *	101 *	115 *	90 *	107 *	79 *
	29	83		196	164	186 *	117 *	113 *	93 *	118 *	99 *	122 *	74 *
	30	90		171	156	185 *	122 *	113 *	90 *	110 *	111 *	138 *	93 *
	31	86		204		180 *			97 *				98 *
	Nivel Max.	135	173	242	247		232 *		167 *	140 *			
	Día	11	11	29	14		2		8	16			
	Hora	2	3	21			7		7	7			
	Nivel Mín.	80	77	93	106 *		102 *		68 *	100 *			
	Día	31	5	11	25		20		2	5			
	Hora	19	16	15	7		17		17	17			
	Nivel Medio	98	115	130	173	161	145	128	113	115	91	117	96

NOTA: * DATOS LIMNIMETRICOS

1998														
H148 GUAYLLABAMBA DJ PISQUE														
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1		91	76	83	122	126	142	116	106	72 *				
2		93	69	102	111	127	158	119	102	66 *			80 *	
3		89	66	90 *	108	122	156	120	98				95 *	
4		93	69	85 *	105	126	150	114	107			134 *	66 *	
5		92	65		112	129	146	117	120			152 *	160 *	
6		94	66		109	130	135	115				152 *	88 *	
7		101	70		111	146	125	111			52 *	152 *	92 *	
8		112	78		110	143	123	104			77 *	128 *	85 *	
9		103	102		116	146	124	126		68 *	51 *	133 *	62 *	
10		105	101		117	149	114	131		100 *	173 *	123 *		
11		94	94	93 *	114	148	108	174		70 *	50 *	138 *		
12		93	98	88	124	142	141	173	100 *	90 *	74 *			
13		96	86	82	129	129	130	160	90 *	65 *	77 *			
14		92	91	89	143	123	113	130	73 *	95 *	58 *			
15		92	106	86	155	120	114	116	95 *	70 *				
16		92	88	81	139	119	111	115	62 *	110 *			107 *	
17		92	86	80	140	114	110	118	89 *				105 *	
18		83	82	78	148	112	105	120	65 *			100 *	87 *	
19		90	82	77	148	111	120	120				108 *	95 *	
20		85	84	77	152	107	114	131				117 *	85 *	
21		83	84	80	156	106	119	115			160 *	128 *	90 *	
22		84	96	81	160	103	143	123			110 *	126 *	70 *	
23		87	83	78	158	99	133	136		90 *	103 *	102 *	80 *	
24		84	87	82	160	94	116	126		54 *	90 *	114 *		
25		81	83	87	143	99	117	137	90 *	79 *	126 *	105 *		
26		82	81	80	130	119	132	133	60 *	52 *	150 *			
27		82	82	87	126	116	136	121	83 *	78 *	116 *			
28		79	87	126	120	141	165	113	65 *	82 *	105 *			
29		80		137	120	132	152	111	90 *	82 *				
30		82		144	128	131	141	114	64 *	60 *			90 *	
31		79		145		128		111	110 *				100 *	
Nivel Max.		153	138		164	188	182	197						
Día		8	15		24	10	2	11						
Hora		20	1		1	18	16	2						
Nivel Mín.		73	57		98	86	94	95						
Día		31	6		10	24	18	8						
Hora		20	7		8	4	22	15						
Nivel Medio		90	84	93	130	124	130	125						

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H149	GUAYLLABAMBA EN PTE.CHACAPATA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	94	101							113	98	132	114
2	101	101							103	98	143	113
3	96	102							103	100	137	110
4	95	101							104	101	151	110
5	87	104							106	100	153	113
6	90	101							106	103	176	113
7	120	105							103	101	164	111
8	122	114							103	101	140	109
9	121	135							104	98	145	105
10	126	123							103	98	136	103
11	106	131						117	100	96	150	103
12	104	112						111	110	94	143	116
13	110	120						109	114	108	147	108
14	109	117						113	103	101	162	110
15	107	138						110	102	97	141	114
16	94	125						106	103	108	139	125
17	116	116						106	109	106	134	112
18	99	115						110	106	105	130	106
19	114	114						107	118	119	125	109
20	94	113						108	107	121	139	110
21	86	116						107	103	122	136	110
22	107	128						104	117	119	141	106
23	91	121						110	113	116	129	106
24	109	114						106	103	118	127	103
25	103	117						104	101	133	122	103
26	101	117						106	98	146	119	102
27	104	117						110	101	134	117	109
28	106	110						109	113	125	119	106
29	108							113	110	125	116	117
30	105							111	99	138	115	123
31	109							126		137		111
Nivel Max.	155	165							165	169	199	156
Día	8	9							16	31	6	5
Hora	21	22							23		2	20
Nivel Mín.	73	72							80	77	105	80
Día	27	5							26	11	27	10
Hora	13	10							13	16	12	12
Nivel Medio	104	115						110	106	112	137	110

NOTA: * DATOS LIMNIMETRICOS

1998

H150	INTAG DJ PAMPLONA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	117 *	104 *	128 *	145 *	160 *	153 *	103 *	103 *	86 *	84	81	103
2	117 *	103 *	128 *	143 *	170 *	148 *	102 *	102 *	85 *	85	81	102
3	116 *	101 *	123 *	138 *	155 *	143 *	101 *	101 *	85 *	86	84	117
4	116 *	100 *	120 *	140 *	255 *	143 *	110 *	99 *	84 *	85	83	106
5	116 *	99 *	119 *	133 *	195 *	140 *	99 *	98 *	85 *	85	83	103
6	116 *	98 *	118 *	128 *	173 *	138 *	100 *	98 *	86 *	89	83	98
7	135 *	98 *	113 *	128 *	155 *	135 *	108 *	97 *	84 *	91	88	101
8	128 *	123 *	118 *	123 *	145 *	133 *	108 *	97 *	88 *	84	88	101
9	125 *	125 *	120 *	123 *	140 *	132 *	105 *	97 *	87 *	84	88	95
10	125 *	118 *	123 *	119 *	140 *	128 *	113 *	96 *	86 *	89	88	93
11	124 *	118 *	118 *	138 *	135 *	125 *	114 *	96 *	86 *	92	88	95
12	122 *	128 *	118 *	142 *	133 *	123 *	111 *	95 *	85 *	86	79	91
13	122 *	123 *	125 *	145 *	130 *	120 *	110 *	95 *	85 *	84	79	93
14	119 *	125 *	138 *	153 *	128 *	119 *	109 *	94 *	89 *	82	88	95
15	118 *	125 *	138 *	145 *	133 *	118 *	109 *	95 *	88 *	87	88	102
16	117 *	128 *	140 *	145 *	130 *	118 *	108 *	95 *	87 *	96	84	102
17	115 *	143 *	139 *	145 *	128 *	117 *	108 *	95 *	86 *	85	82	101
18	114 *	143 *	138 *	160 *	128 *	115 *	109 *	93 *	85 *	85	82	96
19	113 *	155 *	133 *	153 *	125 *	115 *	108 *	93 *	86 *	81	80	94
20	111 *	138 *	125 *	145 *	123 *	113 *	107 *	92 *	86 *	81	79	92
21	109 *	148 *	115 *	139 *	120 *	113 *	107 *	92 *	85 *	85	80	93
22	107 *	135 *	113 *	140 *	119 *	112 *	106 *	91 *	85 *	86	92	89
23	105 *	125 *	125 *	138 *	119 *	111 *	106 *	92 *	87 *	82	80	88
24	104 *	123 *	130 *	148 *	117 *	110 *	106 *	91 *	86 *	82	89	87
25	105 *	123 *	133 *	145 *	115 *	109 *	105 *	91 *	86	82	135	87
26	104 *	120 *	140 *	148 *	133 *	108 *	104 *	91 *	86	83	106	88
27	103 *	120 *	138 *	145 *	133 *	108 *	105 *	88 *	85	80	106	86
28	103 *	119 *	135 *	142 *	135 *	106 *	104 *	89 *	87	83	118	85
29	102 *		125 *	140 *	145 *	105 *	104 *	88 *	85	84	125	86
30	102 *		145 *	145 *	158 *	104 *	104 *	92 *	86	81	118	86
31	108 *		143 *		163 *		103 *	92 *		82		91
Nivel Max.	140 *	170 *	150 *	170 *	310 *	155 *	120 *	103 *	90 *	112	174	142
Día	7	21	26	18	4	1	4	1	14	10	28	3
Hora	6	6	6	6	6	6	6	6	6	21	21	5
Nivel Mín.	101 *	97 *	110 *	118 *	115 *	103 *	98 *	86 *	84	79	78	83
Día	29	6	21	10	25	30	5	29	vv	27	21	30
Hora	17	17	17	17	6	17	17	17		6	8	2
Nivel Medio	114	121	128	140	143	122	106	94	86	85	91	95

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H155	PILATON DJ SACALZON(EN LA TOMA)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	98	91	118	149	122				46	52		
2	96	87	128	139	115				45			
3	91	84	122	144	142				45			
4	87	83	122	136	156				48			
5	84	82	120	127	130				54			
6	96	85	113	126	121				49			
7	105	95	113	127	115			73	55			
8	105	109	115	123	117			77	56			
9	100	136	108	117	110			73	49			
10	94	127	112	119	110			68	54			
11	94	127	124	123	136			68	49			
12	90	122	117	123	134			64	46			
13	90	123	114	124	120			60	50			
14	98	122	128	127	113			62	54			
15	95	122	131	126	109			61	48			
16	100	113	135	120	102			60	47			
17	108	106	134	129	97			58	49			
18	110	113	125	118	94			58	51			
19	109	123	116	124	90			60	51			
20	104	118	124	115	88			61	51			
21	105	134	117	113	86			60	53			
22	103	133	118	110	82			59	66			
23	100	144	144	114	81			56	77			
24	95	136	136	107	78			58	63			
25	93	128	122	114	79			54	57			
26	94	123	118	121	101			51	53			
27	94	118	125	121	123			51	53			
28	104	117	134	117	120			54	55			
29	94		135	112				56	56			
30	105		154	115				54	52			
31	95		175					48				
Nivel Max.	134	177	193	214					90			
Día	6	22	30	17					23			
Hora	18	19	22	18					2			
Nivel Mín.	83	80	104	103					45			
Día	5	5	9	25					vv			
Hora	19	16	17	12								
Nivel Medio	98	114	126	123	110			60	53			

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H158	PITA AJ SALTO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	121 *	138 *	146 *	145 *	145 *	113 *	118 *	108 *	103 *	106 *	120 *	100 *
2	124 *	138 *	147 *	145 *	144 *	112 *	116 *	108 *	103 *	104 *	115 *	100 *
3	123 *	137 *	146 *	143 *	144 *	110 *	116 *	107 *	103 *	104 *	113 *	100 *
4	124 *	136 *	147 *	146 *	143 *	108 *	115 *	107 *	103 *	104 *	113 *	100 *
5	124 *	135 *	147 *	146 *	143 *	108 *	115 *	108 *	103 *	104 *	113 *	102 *
6	122 *	134 *	147 *	144 *	141 *	108 *	113 *	108 *	102 *	104 *	113 *	102 *
7	122 *	129 *	146 *	144 *	140 *	108 *	108 *	108 *	102 *	103 *	111 *	105 *
8	120 *	131 *	146 *	145 *	138 *	108 *	108 *	108 *	102 *	103 *	114 *	100 *
9	118 *	130 *	146 *	145 *	134 *	106 *	110 *	106 *	108 *	103 *	114 *	100 *
10	117 *	126 *	147 *	145 *	130 *	106 *	109 *	106 *	107 *	103 *	116 *	100 *
11	116 *	132 *	147 *	145 *	127 *	106 *	117 *	106 *	106 *	102 *	114 *	99 *
12	116 *	137 *	147 *	145 *	122 *	106 *	113 *	106 *	106 *	102 *	115 *	98 *
13	116 *	138 *	147 *	148 *	119 *	106 *	112 *	105 *	105 *	105 *	116 *	103 *
14	113 *	140 *	147 *	146 *	118 *	105 *	111 *	105 *	105 *	104 *	117 *	99 *
15	122 *	140 *	148 *	146 *	115 *	105 *	110 *	105 *	105 *	105 *	117 *	100 *
16	128 *	140 *	147 *	147 *	114 *	105 *	108 *	105 *	104 *	106 *	117 *	99 *
17	129 *	140 *	146 *	147 *	112 *	105 *	108 *	105 *	104 *	106 *	113 *	101 *
18	128 *	140 *	146 *	146 *	110 *	105 *	108 *	105 *	103 *	107 *	112 *	100 *
19	128 *	139 *	145 *	147 *	110 *	105 *	108 *	107 *	104 *	108 *	115 *	100 *
20	126 *	139 *	145 *	147 *	109 *	105 *	108 *	105 *	103 *	107 *	113 *	100 *
21	126 *	140 *	144 *	147 *	109 *	105 *	108 *	103 *	103 *	106 *	110 *	100 *
22	125 *	140 *	144 *	147 *	108 *	105 *	108 *	103 *	103 *	110 *	109 *	99 *
23	125 *	141 *	144 *	146 *	108 *	105 *	110 *	103 *	103 *	110 *	106 *	99 *
24	125 *	143 *	145 *	146 *	104 *	105 *	110 *	104 *	103 *	114 *	105 *	98 *
25	124 *	145 *	146 *	148 *	108 *	105 *	110 *	103 *	103 *	117 *	105 *	98 *
26	126 *	144 *	147 *	148 *	110 *	125 *	110 *	103 *	102 *	116 *	104 *	98 *
27	125 *	143 *	148 *	146 *	110 *	130 *	108 *	103 *	102 *	119 *	103 *	98 *
28	128 *	142 *	148 *	145 *	110 *	135 *	108 *	103 *	102 *	118 *	102 *	100 *
29	129 *		147 *	145 *	109 *	136 *	108 *	105 *	102 *	117 *	102 *	99 *
30	130 *		146 *	145 *	108 *	130 *	108 *	104 *	104 *	122 *	100 *	101 *
31	130 *		146 *		112 *		108 *	104 *		128 *		100 *
Nivel Max.	130 *	145 *	148 *	148 *	145 *	137 *	118 *	108 *	108 *	128 *	125 *	105 *
Día	vv	25	vv	vv	1	29	1	vv	9	31	1	7
Hora		6			16	16	7		6	6	16	6
Nivel Mín.	113 *	125 *	144 *	143 *	102 *	105 *	107 *	103 *	102 *	102 *	100 *	98 *
Día	14	9	vv	3	24	vv	8	vv	vv	vv	30	vv
Hora	5	16		6	6		16				6	
Nivel Medio	123	138	146	146	121	111	110	105	103	108	111	100

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H159	SAN PEDRO EN MACHACHI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	66 *	62 *	73 *	86 *	93 *	81 *	61 *	56 *	52 *	60 *	67 *	61 *
2	66 *	61 *	75 *	85 *	91 *	81 *	59 *	55 *	52 *	60 *	69 *	60 *
3	66 *	60 *	74 *	84 *	108 *	79 *	59 *	54 *	52 *	60 *	70 *	61 *
4	64 *	59 *	75 *	84 *	120 *	76 *	60 *	54 *	52 *	61 *	69 *	62 *
5	64 *	58 *	75 *	86 *	97 *	76 *	60 *	55 *	53 *	62 *	69 *	62 *
6	64 *	59 *	73 *	89 *	99 *	76 *	59 *	57 *	54 *	62 *	73 *	61 *
7	64 *	61 *	71 *	90 *	99 *	75 *	58 *	57 *	54 *	61 *	75 *	60 *
8	65 *	62 *	71 *	89 *	99 *	74 *	59 *	57 *	54 *	60 *	73 *	60 *
9	66 *	62 *	70 *	87 *	97 *	74 *	60 *	59 *	55 *	60 *	71 *	60 *
10	66 *	62 *	70 *	89 *	96 *	74 *	60 *	59 *	57 *	60 *	70 *	59 *
11	66 *	66 *	70 *	90 *	95 *	72 *	61 *	58 *	58 *	60 *	70 *	59 *
12	65 *	73 *	72 *	89 *	95 *	72 *	61 *	57 *	58 *	58 *	68 *	62 *
13	64 *	74 *	74 *	89 *	93 *	70 *	59 *	56 *	58 *	58 *	68 *	62 *
14	64 *	73 *	75 *	90 *	91 *	68 *	58 *	55 *	57 *	58 *	69 *	61 *
15	64 *	72 *	80 *	89 *	89 *	68 *	58 *	54 *	56 *	58 *	70 *	61 *
16	64 *	72 *	78 *	89 *	87 *	68 *	59 *	54 *	56 *	59 *	71 *	61 *
17	63 *	71 *	81 *	91 *	85 *	66 *	59 *	54 *	56 *	60 *	73 *	60 *
18	62 *	74 *	81 *	91 *	83 *	65 *	59 *	54 *	56 *	60 *	73 *	60 *
19	64 *	73 *	79 *	91 *	81 *	64 *	60 *	54 *	56 *	63 *	70 *	60 *
20	65 *	72 *	77 *	92 *	80 *	64 *	60 *	54 *	56 *	67 *	69 *	60 *
21	67 *	71 *	78 *	92 *	79 *	64 *	60 *	54 *	56 *	67 *	67 *	60 *
22	66 *	70 *	78 *	91 *	77 *	64 *	59 *	54 *	58 *	63 *	67 *	60 *
23	64 *	70 *	78 *	91 *	75 *	66 *	57 *	54 *	58 *	62 *	68 *	60 *
24	64 *	70 *	78 *	91 *	73 *	66 *	56 *	54 *	58 *	65 *	70 *	60 *
25	64 *	71 *	79 *	89 *	72 *	65 *	56 *	54 *	57 *	69 *	69 *	60 *
26	65 *	71 *	79 *	91 *	74 *	64 *	56 *	54 *	56 *	70 *	65 *	60 *
27	64 *	71 *	79 *	90 *	80 *	64 *	56 *	52 *	57 *	68 *	65 *	60 *
28	64 *	72 *	80 *	90 *	83 *	64 *	56 *	52 *	59 *	69 *	66 *	61 *
29	64 *		81 *	91 *	81 *	64 *	56 *	52 *	60 *	69 *	66 *	62 *
30	64 *		83 *	91 *	82 *	63 *	56 *	52 *	60 *	66 *	63 *	62 *
31	63 *		85 *		81 *		56 *	52 *		69 *		61 *
Nivel Max.	68 *	74 *	86 *	92 *	140 *	82 *	62 *	60 *	60 *	70 *	76 *	62 *
Día	21	vv	31	vv	4	1	1	9	vv	25	6	vv
Hora	7		18		7	18	6	18		18	18	
Nivel Mín.	62 *	58 *	70 *	84 *	72 *	62 *	56 *	52 *	52 *	58 *	62 *	58 *
Día	18	5	vv	vv	24	30	vv	vv	vv	vv	30	10
Hora	18	6			18	18					18	18
Nivel Medio	65	68	77	89	88	70	58	55	56	63	69	61

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H161	TOACHI AJ PILATON											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	269	217	336	413 *	431 *	323 *	184 *	158 *	129 *	121 *	119 *	122 *
2	265	212	343	360 *	375 *	320 *	181 *	159 *	127 *	120 *	129 *	119 *
3	253	211	325	390 *	545 *	294 *	181 *	155 *	127 *	119 *	135 *	118 *
4	246	217	313	374 *	530 *	274 *	182 *	151 *	131 *	118 *	126 *	117 *
5	246	210	307	355 *	433 *	252 *	184 *	150 *	131 *	119 *	133 *	116 *
6	270	253	314	389 *	390 *	239 *	178 *	155 *	128 *	124 *	173 *	117 *
7	329	294	298	363 *	370 *	256 *	177 *	160 *	133 *	119 *	191 *	115 *
8	321	361	302	345 *	368 *	278 *	181 *	171 *	139 *	119 *	169 *	113 *
9	278	393	281	336 *	396 *	247 *	191 *	167 *	131 *	118 *	162 *	112 *
10	264	353	332	405 *	358 *	232 *	193 *	159 *	137 *	115 *	147 *	111 *
11	252	366	331	434 *	393 *	240 *	187 *	156 *	130 *	114 *	151 *	112 *
12	251	337	305	355 *	354 *	235 *	190 *	152 *	145 *	144 *	139 *	117 *
13	295	324	306	375 *	334 *	223 *	182 *	149 *	144 *	123 *	138 *	118 *
14	302	335	349	365 *	323 *	222 *	179 *	152 *	132 *	117 *	146 *	114 *
15	280	338	336	355 *	313 *	219 *	174 *	146 *	128 *	114 *	160 *	116 *
16	266	302	341	359 *	303 *	208 *	175 *	143 *	126 *	113 *	161 *	117 *
17	319	289	351	355 *	393 *	203 *	181 *	141 *	127 *	113 *	167 *	122 *
18	284	319	326	353 *	280 *	202 *	183 *	142 *	126 *	115 *	166 *	121 *
19	283	339	303	416 *	265 *	204 *	176 *	142 *	128 *	120 *	153 *	121 *
20	265	315	350 *	379 *	253 *	199 *	169 *	153 *	134 *	128 *	152 *	117 *
21	309	401	325 *	373 *	242 *	204 *	167 *	144 *	128 *	115 *	149 *	115 *
22	272	386	315 *	345 *	237 *	225 *	167 *	141 *	133 *	117 *	150 *	109 *
23	265	402	385 *	408 *	231 *	207 *	174 *	138 *	138 *	113 *	145 *	108 *
24	257	379	358 *	349 *	225 *	202 *	177 *	138 *	132 *	112 *	143 *	106 *
25	248	343	330 *	353 *	225 *	194 *	175 *	137 *	125 *	124 *	135 *	127 *
26	250	330	340 *	391 *	229 *	196 *	168 *	137 *	122 *	129 *	131 *	114 *
27	234	353	335 *	378 *	343 *	195 *	165 *	135 *	121 *	132 *	129 *	112 *
28	243	339	320 *	393 *	303 *	207 *	165 *	135 *	130 *	121 *	127 *	115 *
29	231		371 *	355 *	282 *	197 *	162 *	134 *	135 *	117 *	126 *	118 *
30	233		365 *	423 *	270 *	189 *	158 *	132 *	126 *	130 *	124 *	119 *
31	223		593 *		269 *		158 *	131 *		119 *		121 *
Nivel Max.	419	533	680 *	500 *	680 *	340 *	200 *	176 *	150 *	162 *	192 *	137 *
Día	7	21	31	30	3	1	10	8	2	12	7	25
Hora	21	1	18	17	17	7	7	6	7	7	7	7
Nivel Mín.	218	207	272	322 *	205 *	187 *	157 *	130 *	120 *	112 *	118 *	106 *
Día	31	5	9	9	26	30	30	31	27	16	1	24
Hora	19	10	16	17	17	17	17	17	18	17	17	17
Nivel Medio	268	318	338	375	331	229	176	147	131	120	146	116

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H166	TOACHI EN LAS PAMPAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	100 *	100 *	116 *	129 *	136 *	112 *	85 *	78 *	65 *	59 *	56 *	57 *
2	100 *	100 *	117 *	128 *	138 *	108 *	85 *	78 *	66 *	59 *	58 *	55 *
3	102 *	100 *	118 *	128 *	138 *	106 *	84 *		68 *	59 *	60 *	54 *
4	106 *	99 *	120 *	132 *	250 *	105 *	83 *	77 *	68 *	59 *	62 *	54 *
5	109 *	105 *	120 *	139 *	165 *	104 *	83 *	77 *	68 *	59 *	62 *	53 *
6	108 *	110 *	120 *	150 *	140 *	104 *	82 *	77 *	67 *	59 *	62 *	53 *
7	106 *	117 *	122 *	147 *	139 *	103 *	82 *	76 *	67 *	59 *	62 *	53 *
8	104 *	115 *	123 *	140 *	138 *	103 *	80 *	76 *	67 *	58 *	65 *	53 *
9	102 *	175 *	123 *	144 *	135 *	102 *	80 *	75 *	66 *	58 *	65 *	54 *
10	100 *	135 *	124 *	190 *	130 *	102 *	80 *	74 *	66 *	58 *	64 *	54 *
11	100 *	127 *	123 *	146 *	138 *	101 *	83 *	74 *	65 *	58 *	63 *	54 *
12	100 *	120 *	124 *	155 *	145 *	100 *	83 *	74 *	65 *	57 *	62 *	54 *
13	100 *	119 *	121 *	189 *	123 *	99 *	82 *	73 *	67 *	57 *	61 *	54 *
14	100 *	116 *	132 *	160 *	120 *	95 *	81 *	72 *	65 *	57 *	62 *	55 *
15	104 *	114 *	142 *	135 *	119 *	94 *	81 *	72 *	64 *	57 *	62 *	55 *
16	105 *	113 *	144 *	138 *	118 *	92 *	81 *	70 *	62 *	56 *	63 *	55 *
17	106 *	112 *	128 *	140 *	115 *	90 *	80 *	70 *	62 *	56 *	65 *	55 *
18	108 *	112 *	128 *	143 *	109 *	90 *	80 *	70 *	61 *	56 *	68 *	55 *
19		112 *	129 *	148 *	105 *	93 *	80 *	70 *	61 *	56 *	66 *	55 *
20	105 *	113 *	130 *	144 *	102 *	93 *	81 *	70 *	61 *	56 *	65 *	55 *
21	105 *	119 *	128 *	141 *	100 *	92 *	80 *	69 *	61 *	56 *	64 *	57 *
22	105 *	119 *	128 *	140 *	100 *	91 *	81 *	69 *	60 *	56 *	62 *	56 *
23	104 *	120 *	127 *	146 *	108 *	90 *	81 *	68 *	60 *	56 *	60 *	56 *
24	103 *	120 *	126 *	148 *	112 *	88 *	80 *	68 *	60 *	55 *	60 *	55 *
25	101 *	118 *	125 *	146 *	117 *	86 *	80 *	67 *	60 *	55 *	59 *	55 *
26	100 *	116 *	122 *	144 *	120 *	86 *	80 *	67 *	60 *	55 *	59 *	55 *
27	102 *	116 *	117 *	140 *	122 *	87 *	80 *	67 *	60 *	55 *	59 *	55 *
28	103 *	115 *	115 *	138 *	122 *	87 *	79 *	66 *	60 *	54 *	58 *	55 *
29	105 *		127 *	137 *	120 *	86 *	79 *	66 *	59 *	54 *	58 *	56 *
30	105 *		130 *	135 *	118 *	85 *	79 *	66 *	59 *	54 *	57 *	56 *
31	101 *		128 *				78 *	65 *				56 *
Nivel Max.		180 *	144 *	220 *		114 *	85 *		68 *		68 *	57 *
Día		9	16	13		1	vv		vv		18	vv
Hora		7	16	16		7					7	
Nivel Mín.		99 *	115 *	127 *		85 *	78 *		59 *		55 *	53 *
Día		4	28	3		30	31		vv		1	vv
Hora		7	4	15		16	15				7	
Nivel Medio	103	116	125	144	128	96	81	71	63	57	62	55

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H167	TOACHI EN S.D.DE LOS COLORADOS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	62	58	88	90 *	105 *	90 *	45 *	34 *	24 *	20 *	19 *	18 *
2	67	53	103	82 *	104 *	105 *	44 *	34 *	23 *	20 *	20 *	17 *
3	56	51	87	76 *	138 *	100 *	43 *	33 *	23 *	20 *	22 *	16 *
4	54	52	91	109 *	181 *	97 *	42 *	32 *	22 *	20 *	24 *	15 *
5	53	51	92	98 *	153 *	93 *	41 *	31 *	21 *	19 *	27 *	15 *
6	64	71	82	100 *	127 *	90 *	40 *	33 *	25 *	19 *	28 *	14 *
7	74	71	87	116 *	121 *	87 *	45 *	34 *	27 *	18 *	39 *	13 *
8	82	84	81	109 *	112 *	83 *	56 *	35 *	28 *	18 *	34 *	13 *
9	72	116	78	98 *	124 *	79 *	58 *	38 *	27 *	17 *	29 *	13 *
10	60	107	77	109 *	118 *	75 *	53 *	37 *	24 *	16 *	27 *	15 *
11	58	104	95	98 *	112 *	71 *	48 *	35 *	24 *	16 *	25 *	15 *
12	57	102	89	92 *	95 *	66 *	45 *	35 *	27 *	16 *	23 *	16 *
13	67	84	86	86 *	109 *	109 *	43 *	33 *	29 *	16 *	24 *	16 *
14	70	100	96	109 *	103 *	105 *	41 *	32 *	24 *	17 *	26 *	15 *
15	82	98	94	102 *	96 *	96 *	40 *	32 *	22 *	17 *	33 *	14 *
16	68	83	102	95 *	88 *		41 *	30 *	22 *	15 *	31 *	14 *
17	85	76	104	89 *	79 *		42 *	30 *	23 *	16 *	30 *	15 *
18	79	87	96	128 *	124 *	98 *	43 *	30 *	22 *	17 *	30 *	16 *
19	79	85	89	120 *	122 *	94 *	42 *	30 *	20 *	21 *	30 *	16 *
20	73	90	92 *	114 *	116 *	89 *	39 *	30 *	22 *	25 *	29 *	13 *
21	83	105	87 *	108 *	112 *	81 *	39 *	30 *	30 *	23 *	27 *	15 *
22	72	105	82 *	100 *	104 *	78 *	40 *	30 *	37 *	21 *	26 *	15 *
23	71	110	110 *	94 *	99 *	72 *	41 *	29 *	38 *	15 *	26 *	15 *
24	73	117	108 *	89 *	94 *		43 *	29 *	30 *	15 *	25 *	14 *
25	67	102	97 *	88 *	89 *	54 *	43 *	28 *	29 *	17 *	23 *	16 *
26	69	92	89 *	124 *	108 *	50 *	39 *	27 *	26 *	21 *	22 *	18 *
27	60	94	103 *	117 *	100 *	49 *	36 *	27 *	22 *	19 *	21 *	16 *
28	70	95	94 *	105 *	93 *	48 *	35 *	26 *	21 *	18 *	21 *	15 *
29	60		85 *	98 *	86 *	49 *	34 *	26 *	21 *	16 *	20 *	17 *
30	61		93 *	89 *	82 *	46 *	34 *	25 *	21 *	17 *	19 *	17 *
31	64		98 *		77 *		34 *	24 *		18 *		16 *
Nivel Max.	129	161	156	130 *	185 *		61 *	39 *	41 *	25 *	40 *	18 *
Día	15	9	17	18	4		8	9	23	20	7	vv
Hora	1	7	15	7	7		18	7	7	7	7	
Nivel Mín.	51	48	72	74 *	75 *		33 *	24 *	20 *	15 *	18 *	13 *
Día	5	5	10	3	31		31	30	19	vv	1	vv
Hora	20	22	6	18	18		18	18	18		7	
Nivel Medio	68	87	92	101	108	80	42	31	25	18	26	15

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H168	ESMERALDAS DJ SADE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		480 *	498 *			555 *	336 *	348 *	264 *	226 *	168 *	159 *
2	444 *	444 *	300 *	624 *	450 *	525 *	345 *	384 *	252 *	213 *	231 *	156 *
3	465 *	435 *	510 *	690 *	579 *	488 *	408 *	345 *	228 *	207 *	216 *	150 *
4	381 *	417 *	516 *		216 *	393 *	336 *	318 *	222 *	204 *	219 *	153 *
5	447 *	465 *	543 *		588 *	555 *	324 *	300 *	228 *	204 *	222 *	147 *
6		516 *			531 *	447 *	342 *	297 *	258 *	219 *	264 *	162 *
7		564 *	444 *	522 *	486 *	522 *		312 *	249 *	201 *	318 *	156 *
8				558 *	495 *	537 *	411 *	306 *	252 *	207 *	282 *	153 *
9	426 *	282 *	531 *	513 *	438 *	492 *	411 *	303 *		201 *	225 *	144 *
10		540 *			474 *	456 *	354 *	291 *		216 *	213 *	141 *
11	432 *	546 *	468 *		525 *	492 *	411 *	306 *		198 *	213 *	153 *
12	474 *	483 *	438 *	576 *	489 *	504 *	402 *	282 *	237 *		207 *	162 *
13	492 *	441 *	513 *		531 *		378 *	273 *	228 *	207 *	201 *	165 *
14	474 *				492 *	453 *	492 *	264 *	251 *	210 *	222 *	165 *
15	525 *	300 *		660 *	516 *	453 *	504 *		216 *	177 *	207 *	156 *
16	510 *	510 *		399 *	504 *	417 *	504 *		213 *	198 *	201 *	192 *
17		486 *		345 *	486 *	441 *	588 *	261 *	231 *	192 *	219 *	177 *
18	501 *	540 *		714 *	522 *	426 *		309 *	225 *	222 *	207 *	165 *
19	573 *	480 *			528 *	438 *		294 *	216 *	198 *	201 *	174 *
20	510 *	489 *	444 *	531 *	480 *	552 *		276 *	228 *	210 *	207 *	164 *
21	492 *		555 *	515 *	486 *	447 *	369 *	267 *		195 *	213 *	153 *
22	549 *			546 *	498 *	417 *	387 *	273 *	327 *	186 *	189 *	141 *
23	477 *		560 *			402 *	390 *	261 *	246 *	177 *	222 *	138 *
24	513 *	360 *	534 *		513 *	396 *	396 *	261 *	282 *	171 *	207 *	138 *
25	540 *	510 *			420 *	399 *		243 *		168 *	198 *	156 *
26	594 *	522 *			501 *	372 *	336 *	234 *		198 *	201 *	162 *
27	474 *	180 *	504 *	495 *	519 *		357 *			192 *	177 *	147 *
28	522 *	531 *	498 *		516 *		354 *	246 *			168 *	156 *
29	465 *		522 *	531 *	435 *		354 *	240 *		204 *	168 *	162 *
30	378 *				549 *		348 *				162 *	237 *
31	462 *				531 *		333 *	231 *		207 *		234 *
Nivel Max.											342 *	282 *
Día											7	30
Hora											7	17
Nivel Mín.											156 *	132 *
Día											30	23
Hora											7	17
Nivel Medio	485	457			493	463	391	286	243	200	212	162

NOTA: * DATOS LIMNIMETRICOS

1998

H170	GUAYLLABAMBA AJ BLANCO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	250 *	178 *	295 *	270 *		257 *	205 *	198 *		111 *	127 *	0 *
2	242 *	178 *	277 *	290 *		252 *	192 *	180 *		111 *	152 *	0 *
3	244 *	204 *	258 *	282 *		240 *	185 *	168 *		112 *	145 *	0 *
4	248 *	196 *	278 *	270 *	285 *	248 *	186 *	163 *		114 *	149 *	0 *
5	262 *	203 *	274 *	252 *	285 *	260 *	175 *	154 *		113 *	162 *	0 *
6	270 *	190 *	277 *	271 *	270 *	264 *	166 *	143 *		122 *	185 *	0 *
7	258 *	201 *	294 *	272 *	258 *	257 *	171 *	137 *		117 *	201 *	0 *
8	248 *	210 *	271 *	287 *	271 *	267 *	178 *	128 *		111 *	195 *	0 *
9	238 *	210 *	250 *	292 *	260 *	257 *	167 *	173 *		119 *	182 *	0 *
10	235 *	229 *	271 *	271 *	278 *	245 *	158 *	245 *		122 *	171 *	0 *
11	236 *	214 *	281 *	252 *	312 *	241 *	152 *	116 *		124 *	154 *	0 *
12	244 *	242 *	288 *	290 *	283 *	233 *	145 *	112 *		122 *	143 *	0 *
13	234 *	248 *	279 *	282 *	260 *	225 *	158 *	120 *		121 *	135 *	0 *
14	226 *	252 *	280 *	280 *	243 *	229 *	159 *	125 *		120 *	124 *	0 *
15	220 *	262 *	289 *	285 *	228 *	220 *	174 *			116 *	127 *	0 *
16	198 *	238 *		269 *	213 *	224 *	142 *			116 *	128 *	0 *
17	179 *	230 *	297 *	355 *	203 *	257 *	135 *	143 *		112 *	125 *	0 *
18	165 *	253 *	314 *	307 *	195 *	257 *	130 *	122 *		120 *	123 *	0 *
19	153 *	258 *	298 *	278 *	184 *	245 *	132 *	134 *		113 *	117 *	0 *
20	145 *	272 *	346 *	280 *	187 *	235 *	135 *	128 *		117 *	115 *	0 *
21	156 *	247 *	269 *	260 *	192 *	237 *	140 *	124 *		124 *	112 *	0 *
22	156 *	264 *	289 *	268 *	190 *	241 *	145 *	124 *		126 *	107 *	0 *
23	167 *	300 *	271 *	282 *	188 *	243 *	143 *	123 *		124 *	111 *	0 *
24	189 *	237 *	282 *	311 *	185 *	240 *	138 *	123 *		129 *	118 *	0 *
25	150 *	266 *	310 *	278 *	175 *	232 *	131 *	129 *		123 *	121 *	0 *
26	139 *	262 *	354 *	275 *	257 *	223 *	128 *	121 *		128 *	116 *	0 *
27	168 *	281 *	327 *	265 *	259 *	221 *	124 *	118 *		125 *	109 *	0 *
28	148 *	288 *	289 *	282 *	300 *	219 *	129 *	125 *		120 *	111 *	0 *
29	211 *		276 *	287 *	279 *	214 *	124 *	130 *		125 *	108 *	0 *
30	214 *				261 *	210 *	133 *			122 *	113 *	0 *
31	230 *				271 *					127 *		0 *
Nivel Max.	273 *	352 *				272 *				130 *	208 *	*
Día	6	23				8				24	7	0
Hora	7	7				7				18	7	
Nivel Mín.	138 *	172 *				209 *				107 *	106 *	0 *
Día	26	1				30				3	22	
Hora	17	17				18				7	18	
Nivel Medio	207	236	288	281	242	240	152	141		119	136	0

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H171	SUBERE AJ TEAONE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	10 *	6 *	17 *	10 *	14 *	4 *	9 *	4 *	2 *	2 *	1 *	1 *
2	8 *	5 *	14 *	11 *	10 *	4 *	8 *	4 *	2 *	2 *	1 *	1 *
3	6 *	4 *	10 *	12 *	20 *	15 *	6 *	16 *	2 *	2 *	1 *	1 *
4	19 *	4 *	10 *	9 *	21 *	13 *	5 *	10 *	2 *	2 *	1 *	1 *
5	12 *	11 *	10 *	11 *	11 *	10 *	4 *	8 *	3 *	2 *	1 *	1 *
6	19 *	10 *	13 *	10 *	10 *	8 *	4 *	6 *	8 *	2 *	1 *	1 *
7	13 *	14 *	10 *	10 *	8 *	6 *	5 *	4 *	6 *	2 *	1 *	2 *
8	10 *	33 *	8 *	8 *	13 *	6 *	4 *	3 *	4 *	2 *	1 *	1 *
9	8 *	15 *	8 *	6 *	10 *	4 *	4 *	3 *	2 *	2 *	1 *	1 *
10	6 *	10 *	27 *	14 *	10 *	4 *	3 *	3 *	2 *	2 *	1 *	1 *
11	5 *	10 *	10 *	10 *	8 *	2 *	11 *	2 *	2 *	2 *	1 *	3 *
12	40 *	8 *	19 *	8 *	7 *	17 *	17 *	2 *	2 *	2 *	1 *	2 *
13	24 *	35 *	39 *	11 *	6 *	14 *	14 *	2 *	2 *	1 *	1 *	2 *
14	13 *	15 *	26 *	10 *	5 *	10 *	10 *	2 *	2 *	1 *	1 *	2 *
15	11 *	10 *	10 *	20 *	4 *	8 *	6 *	2 *	2 *	1 *	1 *	1 *
16	11 *	10 *	10 *	13 *	3 *	11 *	11 *	2 *	2 *	1 *	1 *	1 *
17	19 *	10 *	10 *	10 *	4 *	16 *	10 *	2 *	3 *	1 *	1 *	1 *
18	10 *	29 *	10 *	13 *	8 *	14 *	8 *	9 *	2 *	1 *	2 *	1 *
19	10 *	13 *	9 *	43 *	6 *	10 *	6 *	6 *	2 *	1 *	2 *	1 *
20	8 *	14 *	20 *	18 *	6 *	8 *	5 *	4 *	2 *	1 *	1 *	1 *
21	16 *	12 *	10 *	10 *	6 *	8 *	4 *	6 *	2 *	1 *	1 *	1 *
22	11 *	15 *	10 *	14 *	7 *	6 *	4 *	6 *	3 *	1 *	1 *	1 *
23	10 *	13 *	17 *	13 *	6 *	6 *	3 *	4 *	3 *	1 *	1 *	1 *
24	8 *	10 *	9 *	10 *	5 *	5 *	3 *	4 *	2 *	1 *	1 *	1 *
25	6 *	9 *	8 *	10 *	4 *	12 *	3 *	3 *	2 *	1 *	1 *	1 *
26	6 *	27 *	28 *	8 *	17 *	12 *	3 *	3 *	3 *	1 *	1 *	1 *
27	6 *	17 *	10 *	7 *	11 *	13 *	2 *	3 *	2 *	1 *	1 *	1 *
28	8 *	10 *	9 *	6 *	10 *	10 *	8 *	2 *	2 *	1 *	1 *	1 *
29	13 *		11 *	4 *	8 *	10 *	7 *	2 *	2 *	1 *	1 *	1 *
30	10 *		27 *	40 *	6 *	10 *	5 *	2 *	2 *	1 *	1 *	1 *
31	8 *		14 *		5 *		4 *	2 *		1 *		1 *
Nivel Max.	67 *	47 *	68 *	56 *	25 *	20 *	20 *	20 *	8 *	2 *	2 *	3 *
Día	12	13	13	30	4	17	12	3	6	vv	vv	11
Hora	18	7	18	7	7	7	18	7	7			18
Nivel Mín.	5 *	4 *	8 *	4 *	3 *	2 *	2 *	2 *	2 *	1 *	1 *	1 *
Día	11	vv	vv	29	16	11	27	vv	vv	vv	vv	vv
Hora	18			7	7	18	7					
Nivel Medio	12	13	14	13	9	9	6	4	3	1	1	1

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H172	TEAONE DJ TABIAZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	108 *	77 *	129 *	153 *	204 *	128 *	103 *	100 *	82 *	84 *	72 *	69 *
2	95 *	71 *	108 *	135 *	147 *	110 *	100 *	101 *	81 *	85 *	72 *	69 *
3	88 *	69 *	95 *	128 *	214 *	182 *	102 *	117 *	80 *	80 *	72 *	68 *
4	96 *	67 *	172 *	129 *	221 *	158 *	107 *	103 *	80 *	79 *	73 *	68 *
5	98 *	81 *	109 *	120 *	154 *	126 *	100 *	97 *	86 *	80 *	73 *	68 *
6	175 *	76 *	100 *	144 *	132 *	120 *	99 *	94 *	101 *	79 *	77 *	69 *
7	172 *	94 *	105 *	133 *	126 *	112 *	111 *	92 *	93 *	85 *	73 *	70 *
8	111 *	246 *	91 *	153 *	122 *	113 *	103 *	90 *	84 *	82 *	72 *	68 *
9	86 *	135 *	103 *	130 *	150 *	107 *	98 *	88 *	81 *	81 *	72 *	68 *
10	79 *	111 *	263 *	269 *	123 *	105 *	95 *	90 *	80 *	80 *	72 *	67 *
11	75 *	95 *	130 *	150 *	116 *	105 *	122 *	88 *	79 *	84 *	73 *	69 *
12	391 *	84 *	138 *	125 *	154 *	132 *	120 *	87 *	78 *	80 *	71 *	73 *
13	150 *	338 *	169 *	116 *	118 *	114 *	117 *	86 *	77 *	79 *	71 *	71 *
14	165 *	134 *	139 *	113 *	117 *	105 *	106 *	86 *	77 *	78 *	70 *	70 *
15	107 *	119 *	132 *	162 *	118 *	102 *	103 *	86 *	78 *	77 *	70 *	69 *
16	111 *	98 *	156 *	134 *	108 *	100 *	117 *	85 *	79 *	77 *	71 *	69 *
17	163 *	89 *	129 *	131 *	134 *	110 *	164 *	87 *	82 *	79 *	73 *	70 *
18	120 *	285 *	107 *	167 *	171 *	123 *	113 *	117 *	84 *	78 *	77 *	69 *
19	103 *	142 *	103 *	234 *	126 *	115 *	103 *	106 *	83 *	78 *	72 *	69 *
20	89 *	158 *	240 *	153 *	125 *	128 *	98 *	94 *	81 *	79 *	72 *	69 *
21	93 *	129 *	130 *	139 *	123 *	113 *	115 *	91 *	85 *	78 *	71 *	68 *
22	87 *	123 *	105 *	121 *	133 *	110 *	103 *	98 *	88 *	78 *	71 *	68 *
23	88 *	130 *	181 *	184 *	114 *	112 *	95 *	95 *	86 *	77 *	71 *	68 *
24	74 *	107 *	130 *	172 *	113 *	108 *	93 *	88 *	82 *	75 *	70 *	68 *
25	91 *	124 *	126 *	155 *	108 *	105 *	90 *	85 *	80 *	74 *	73 *	68 *
26	94 *	113 *	118 *	183 *	246 *	110 *	89 *	84 *	85 *	74 *	72 *	67 *
27	93 *	131 *	100 *	144 *	152 *	119 *	89 *	83 *	86 *	73 *	71 *	67 *
28	270 *	98 *	158 *	153 *	129 *	107 *	90 *	84 *	82 *	74 *	70 *	67 *
29	106 *		282 *	122 *	118 *	103 *	93 *	86 *	80 *	74 *	70 *	67 *
30	109 *		196 *	223 *	114 *	116 *	93 *	83 *	79 *	73 *	69 *	67 *
31	86 *		144 *		113 *		100 *	84 *		72 *		66 *
Nivel Max.	525 *	428 *	437 *	337 *	357 *	232 *	200 *	134 *	116 *	87 *	79 *	76 *
Día	12	13	29	10	26	3	17	18	6	2	6	12
Hora	7	7	18	7	18	7	7	18	18	7	7	18
Nivel Mín.	62 *	66 *	88 *	110 *	104 *	100 *	87 *	83 *	76 *	72 *	69 *	66 *
Día	25	4	8	14	17	16	27	vv	13	31	29	31
Hora	7	7	18	18	7	18	7		7	7	18	7
Nivel Medio	122	126	141	152	140	116	104	92	82	78	72	68

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H173	TEAONE AJ ESMERALDAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	139	116	221	185	312 *	156 *	129 *	135 *	112 *	109	101	97
2	133	117	204	152	178 *	134 *	125 *	130 *	110 *	111	101	96
3	140	113	192	165	229 *	218 *	128 *	164 *	109 *	110	100	96
4	137	117	213	142	263 *	194 *	130 *	135 *	109 *	108	101	97
5	184	118	160	144	183 *	152 *	126 *	128 *	115 *	106	101	97
6	178	137	173	182	157 *	149 *	134 *	123 *	115 *	107	104	97
7	176	230	140	212	147 *	140 *	141 *	123 *	124 *	111	103	97
8	132	205	168	185	154 *	153 *	134 *	119 *	113 *	110	102	97
9	123	166	263	200	187 *	134 *	124 *	117 *	110 *	109	101	97
10	115	136	186			131 *	119 *	118 *	114 *	108	102	96
11	323	124	229	178 *	145 *	136 *	166 *	117 *	108 *	111	102	96
12	287	248	196	150 *	186 *	170 *	154 *	115 *	108 *	111	100	98
13	234	204	234	135 *	146 *	154 *	166 *	115 *	107 *	106	99	101
14	177	175	210	134 *	146 *	145 *	162 *	114 *	107 *	105	99	99
15	179	154	203	173 *	149 *	128 *	133 *	114 *	107 *	104	99	99
16	212	144	199	148 *	138 *	125 *	148 *	114 *	108 *	104	100	97
17	186	302	177	150 *	134 *	140 *	203 *	114 *	110 *	106	100	97
18	170	245	168	142 *	212 *	171 *	138 *	136 *	111 *	106	103	97
19	153	217	231	249 *	157 *	149 *	137 *	133 *	112 *	106	102	97
20	153	223	189	169 *	149 *	139 *	126 *	126 *	112 *	105	100	97
21	146	216	161	151 *	144 *		154 *	120 *	112 *	104	99	97
22	139	233	215	138 *	161 *	140 *	137 *	129 *	114 *	104	99	97
23	128	213	180	203 *	142 *	143 *	127 *	127 *	114 *	103	99	96
24	131	212	160	249 *	140 *	140 *	122 *	118 *	110	103	99	95
25	149	216	157	183 *	130 *	138 *	118 *	115 *	109	102	99	95
26	136	253	140	170 *	306 *	135 *	116 *	114 *	106	102	100	95
27	250	224	169		192 *	155 *	117 *	113 *	110	102	100	95
28	180	215	176	166 *	156 *	135 *	118 *	113 *	108	101	98	96
29	160		233	146 *	143 *	131 *	126 *	115 *	104	101	98	96
30	132		209	256 *	138 *	146 *	122 *	112 *	104	101	97	96
31	124		159		133 *		130 *	112 *		100		96
Nivel Max.	483	435	369				228 *	170 *	128 *	112	106	102
Día	11	17	28				17	3	7	7	6	12
Hora	12	14	23				7	17	7	6	9	17
Nivel Mín.	114	110	132				116 *	112 *	104	100	97	95
Día	10	5	7				26	vv	vv	31	30	vv
Hora	11	18	23				7			12	12	
Nivel Medio	168	188	191	173	172	147	136	122	110	106	100	97

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H216	BUA AJ QUININDE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	124	138 *	176 *	159 *	202 *	178	115	116	64 *	55 *	54 *	47 *
2	103	129 *	172 *	159 *	191 *	187	125	111	64 *	54 *	54 *	47 *
3	97	125 *	153 *	198 *	195 *	149	130	109	64 *	52 *	54 *	47 *
4	93	125 *	165 *	199 *	178	199	113	109	62 *	53 *	54 *	46 *
5	126	122 *	152 *	269 *	163	209	112	109	62 *	53 *	54 *	46 *
6	152	124 *	185 *	216 *	157	214	110	109	98 *	52 *	53 *	44 *
7	118	122 *	205 *	169 *	146	183	131	106	69 *	52 *	53 *	43 *
8	105	136 *	172 *		143	189	128	102	62 *	52 *	51 *	44 *
9	104	127 *	155 *	178 *	147	168	127	98	61 *	52 *	51 *	44 *
10	105	119 *	301 *	395 *	156	180	116	82 *	61 *		51 *	42 *
11	107	115 *	325 *	224 *	148	166	165	80 *	59 *	51 *	51 *	43 *
12	187	147 *	275 *	194 *	150	163	117	78 *	59 *	49 *	51 *	43 *
13	144	147 *		459 *	141	188	115	78 *	59 *	49 *	51 *	
14	145	152 *	209 *	241 *	133	157	168	77 *	59 *	48 *	49 *	43 *
15	148	182 *	172 *	226 *	133	153	161	76 *	58 *	48 *	49 *	43 *
16	151	222 *	182 *	209 *	128	150	202	76 *	59 *	48 *	51 *	43 *
17	171	134 *	175 *	150 *	157	157	163	75 *	59 *	48 *	51 *	43 *
18	151	334 *	155 *	208 *	151	175	134	76 *	58 *	48 *	51 *	51 *
19	149	282 *	154 *	209 *	184	165	130	76 *	57 *	47 *	49 *	45 *
20	135 *	165 *	324 *	204 *	132	208	130	74 *	58 *	57 *	49 *	45 *
21	146 *	220 *	113 *	174 *	139	143	122	72 *	57 *	47 *	49 *	45 *
22	133 *	168 *	325 *	162 *	186	138	126	72 *	57 *	55 *	51 *	43 *
23	132 *	168 *	377 *	302 *	186	135	123	69 *	57 *	55 *	49 *	42 *
24	227 *	206 *		248 *	189	134	115		56 *	55 *	49 *	42 *
25	275 *	165 *	189 *	209 *	157	137	114	68 *	55 *	54 *	48 *	39 *
26	175 *	192 *	302 *	158 *	191	127	112	68 *	58 *	55 *	48 *	
27	155 *		185 *	256 *	208	132	111	68 *	56 *	54 *	48 *	39 *
28	154 *	159 *	161 *	248 *	182	124	115	66 *	54 *	55 *	48 *	35 *
29	157 *		172 *	261 *	178	124	114	67 *	55 *	55 *	47 *	41 *
30	151 *		165 *	303 *	173	114	113	65 *	55 *	54 *	47 *	39 *
31	155 *		192 *		169		111	65 *		54 *		41 *
Nivel Max.	285 *				279 *	248	224		98 *		54 *	
Día	24				17	20	16		6		vv	
Hora	6				17	5	4		17			
Nivel Mín.	87				123	105	109		54 *		47 *	
Día	5				16	12	31		28		vv	
Hora					22		23		17			
Nivel Medio	144	164	206	227	164	161	128	83	60	52	51	43

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H233	JUNIN DJ EST.PALMAR											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	193 *	176 *	277 *	167 *			208 *	131 *	205 *	204 *	290 *	284 *
2	171 *	169 *	191 *	239 *			208 *	132 *	205 *	204 *	290 *	284 *
3	171 *	167 *	209 *	214 *			232 *	126 *	202 *	203 *	290 *	284 *
4	165 *	171 *	274 *	207 *			222 *	121 *	205 *	203 *	288 *	284 *
5	234 *	169 *	204 *	192 *			210 *	117 *	205 *	203 *	288 *	284 *
6	185 *	225 *	391 *	249 *			208 *	112 *	205 *	203 *	288 *	284 *
7	182 *	169 *	271 *	239 *			298 *	121 *	205 *	201 *	288 *	284 *
8	184 *	193 *	226 *	217 *			208 *	124 *	204 *	201 *	288 *	282 *
9	200 *	223 *	193 *	248 *			208 *	132 *	204 *	204 *	288 *	282 *
10	180 *	180 *	207 *	259 *			207 *	127 *	204 *	204 *	288 *	282 *
11	167 *	173 *	169 *	266 *			207 *	120 *	204 *	203 *	288 *	282 *
12	168 *	168 *	245 *	224 *			207 *	118 *	204 *	201 *	288 *	282 *
13	199 *	287 *	196 *	263 *			219 *	112 *	204 *	201 *	288 *	282 *
14	176 *	249 *	203 *	208 *			208 *	107 *	205 *	201 *	288 *	282 *
15	260 *	204 *	200 *	202 *			207 *	111 *	204 *	201 *	288 *	282 *
16	210 *	181 *	242 *	197 *			263 *	102 *	204 *	201 *	288 *	282 *
17	187 *	170 *	190 *	206 *			211 *	100 *	207 *	201 *	288 *	282 *
18	175 *	239 *	182 *	220 *			207 *	99 *	205 *	201 *	287 *	282 *
19	196 *	182 *	359 *	233 *			201 *	100 *	205 *	201 *	286 *	282 *
20	182 *	182 *	186 *	207 *			206 *	97 *	205 *	201 *	286 *	282 *
21	176 *	176 *	208 *	239 *			206 *	96 *	205 *	201 *	286 *	282 *
22	223 *	238 *	181 *	221 *			205 *	102 *	204 *	201 *	286 *	282 *
23	181 *	181 *	214 *	256 *			205 *	94 *	204 *	200 *	286 *	282 *
24	173 *	197 *	197 *	255 *			208 *	96 *	204 *	200 *	286 *	282 *
25	211 *	181 *	180 *	265 *			204 *	89 *	204 *	201 *	286 *	284 *
26	211 *	176 *	299 *	237 *			204 *	92 *	204 *	201 *	286 *	284 *
27	181 *	218 *	298 *	227 *			204 *	91 *	204 *	201 *	286 *	284 *
28	176 *	183 *	214 *	224 *			204 *	90 *	204 *	201 *	286 *	284 *
29	198 *		204 *	242 *			206 *	93 *	204 *	203 *	284 *	284 *
30	190 *		213 *	387 *			205 *	88 *	204 *	203 *	284 *	284 *
31	200 *		214 *				205 *	92 *		203 *		284 *
Nivel Max.	274 *	406 *	460 *	475 *			298 *	138 *	207 *	204 *	290 *	284 *
Día	22	13	6	30			2	1	17	vv	vv	vv
Hora	18	18	7	7			7	18	7			
Nivel Mín.	147 *	166 *	140 *	144 *			201 *	85 *	202 *	200 *	284 *	282 *
Día	12	3	11	1			19	30	3	vv	vv	vv
Hora	18	18	7	7			18	6	18			
Nivel Medio	190	194	227	233			213	107	204	202	287	283

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H326	BABA DJ TOACHI-DCP											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	179	212	226 *	178	153	177	51	48	59	60 *	45 *	10 *
2	164	178	322 *	156	177	230	60	46	83	60 *	55 *	0 *
3	150	156	284 *	200	208	156	55	45	97	50 *	50 *	5 *
4	138	151	265 *	144	210	127	49	44	92	50 *	40 *	10 *
5	148	142	221 *	190	146	117	49	44	94	60 *	45 *	20 *
6	214	194	189 *	202	133	112	52	43	94	60 *	45 *	25 *
7	187	183	184 *	171	115	108	58	49	97	50 *	35 *	40 *
8	165	184	217 *	142	109	117	61	51	95	50 *	35 *	35 *
9	164	206		122	106	109	104	54	96	60 *	40 *	20 *
10	167	177	180 *	232	144	117	81	52	96	60 *	30 *	10 *
11	152	160	172 *	159	155	115	62	49	91	70 *		5 *
12	164	150	193 *	161	125	96	68	45	94	70 *		25 *
13	170	149	190 *	177	112	94	63	50	90	50 *	20 *	40 *
14	151	183	240 *	151	103	93	61	62	85	50 *	20 *	50 *
15	208	193	238 *	209	123	83	62	52	85	50 *	30 *	40 *
16	190	171		155	102	74	80	46	92	40 *	20 *	25 *
17	204	260 *	213 *	177	97	71	82	44	89	40 *	10 *	10 *
18	180	200 *	182 *	187	104	81	65	46	83	40 *	10 *	40 *
19	182		185 *	169	96	89	65	43	97	50 *	30 *	20 *
20	160		186 *	145	91	81	57	45	114	50 *	45 *	15 *
21	186		194 *	138	84	79	55	44	89	60 *	30 *	10 *
22	178		197 *	141	102	88	51	42	18 *	60 *	20 *	15 *
23	160	235 *	254 *	152	89	83	51	43	19 *	60 *	45 *	40 *
24	199	261 *	170	134	78	72	52	41	22 *	50 *	50 *	15 *
25	224	184 *	146	143	78	67	50	44	30 *	50 *	30 *	10 *
26	188	213 *	138	139	166	65	51	37	28 *	40 *	20 *	15 *
27	168	226 *	119	158	200	75	59	43	25 *	40 *	25 *	20 *
28	159	335 *	135	142	170	60	53	39	25 *	40 *	20 *	15 *
29	151		155	161	137	58	52	37	26 *	40 *	20 *	20 *
30	166		132	186	116	55	49	39	26 *	40 *	15 *	20 *
31	191		200		167		49	36		40 *		35 *
Nivel Max.	234			315	281	286	106	63	130	70 *		50 *
Día	25			17	4	1	9	14	21	vv		31
Hora	8			20		23	6	6	6			7
Nivel Mín.	133			105	72	55	47	36	18 *	40 *		0 *
Día	4			29	25	30	8	31	22	vv		2
Hora	22			11	8	12	9	3	7			7
Nivel Medio	174	196	197	164	129	98	60	45	71	51	31	21

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H329 PILALO EN LA ESPERANZA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	187 *	161 *	177 *	196 *	206 *	221 *	140 *	126 *	112 *	104 *	100 *	94 *
2	184 *	160 *	180 *	188 *	188 *	201 *	143 *	126 *	112 *	104 *	100 *	94 *
3	173 *	163 *	198 *	185 *	245 *	194 *	138 *	126 *	110 *	104 *	100 *	94 *
4	271 *	165 *	183 *	187 *	272 *	176 *	138 *	124 *	110 *	102 *	100 *	94 *
5	173 *	166 *	166 *	175 *	273 *	175 *	138 *	122 *	110 *	102 *	100 *	94 *
6	178 *	168 *	167 *	183 *	247 *	172 *	137 *	122 *	125 *	102 *	100 *	94 *
7	178 *	168 *	167 *	180 *	221 *	175 *	135 *	122 *	110 *	102 *	102 *	94 *
8	176 *	228 *	166 *	175 *	210 *	170 *	136 *	122 *	110 *	102 *	99 *	94 *
9	176 *	230 *	172 *	180 *	216 *	143 *	137 *	123 *	110 *	102 *	98 *	92 *
10	172 *	235 *	173 *	185 *	228 *	166 *	138 *	122 *	105 *	100 *	98 *	89 *
11	170 *	235 *	178 *	183 *	270 *	166 *	137 *	122 *	110 *	100 *	98 *	85 *
12	171 *	225 *	174 *	186 *	246 *	166 *	136 *	122 *	110 *	100 *	98 *	84 *
13	174 *	218 *	188 *	183 *	238 *	162 *	136 *	122 *	109 *	100 *	98 *	84 *
14	174 *	223 *	190 *	181 *	210 *	159 *	136 *	122 *	108 *	100 *	98 *	84 *
15	176 *	215 *	186 *	183 *	205 *	156 *	136 *	120 *	108 *	100 *	98 *	83 *
16	177 *	197 *	188 *	186 *	198 *	156 *	136 *	120 *	108 *	100 *	98 *	82 *
17	178 *	198 *	191 *	216 *	191 *	149 *	135 *	120 *	107 *	100 *	97 *	82 *
18	169 *	198 *	193 *	196 *	190 *	157 *	134 *	120 *	104 *	100 *	96 *	82 *
19	171 *	198 *	186 *	200 *	190 *	153 *	134 *	120 *	107 *	100 *	98 *	82 *
20	168 *	189 *	182 *	200 *	181 *	152 *	132 *	120 *	107 *	100 *	98 *	82 *
21	168 *	190 *	193 *	197 *	179 *	153 *	132 *	118 *	106 *	100 *	98 *	82 *
22	169 *	191 *	193 *	196 *	177 *	151 *	129 *	118 *	105 *	100 *	98 *	82 *
23	173 *	188 *	222 *	199 *	169 *	150 *	129 *	118 *	106 *	100 *	98 *	82 *
24	170 *	186 *	192 *	205 *	168 *	147 *	133 *	116 *	103 *	100 *	98 *	82 *
25	169 *	184 *	189 *	214 *	204 *	145 *	128 *	116 *	106 *	100 *	98 *	82 *
26	170 *	221 *	180 *	190 *	264 *	144 *	134 *	116 *	105 *	100 *	96 *	82 *
27	170 *	188 *	185 *	190 *	245 *	142 *	128 *	115 *	105 *	100 *	96 *	82 *
28	168 *	179 *	182 *	190 *	218 *	141 *	128 *	113 *	105 *	100 *	94 *	82 *
29	168 *		183 *	186 *	218 *	142 *	128 *	112 *	104 *	100 *	94 *	82 *
30	168 *		186 *	192 *	218 *	140 *	128 *	112 *	104 *	100 *	94 *	82 *
31	168 *		191 *		216 *		128 *	112 *		100 *		82 *
Nivel Max.	272 *	288 *	244 *	246 *	300 *	226 *	146 *	126 *	140 *	104 *	102 *	94 *
Día	4	8	23	17	3	1	2	vv	6	vv	2	vv
Hora	7	18	18	18	18	7	7		18		7	
Nivel Mín.	168 *	160 *	162 *	170 *	168 *	118 *	128 *	112 *	100 *	100 *	94 *	82 *
Día	vv	1	5	5	23	9	vv	vv	10	vv	vv	vv
Hora		18	7	7	7	18			18			
Nivel Medio	176	195	184	190	216	161	134	120	108	101	98	86

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H331 CHIMBO EN SAN LORENZO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	77 *	64 *	98 *	132 *	110 *	115 *	65 *	49 *	42 *	37 *	51 *	37 *
2	75 *	63 *	101 *	121 *	133 *	98 *	64 *	48 *	40 *	36 *	54 *	37 *
3	72 *	62 *	102 *	118 *	140 *	95 *	63 *	48 *	41 *	36 *	53 *	37 *
4	71 *	61 *	93 *	118 *	145 *	91 *	62 *	47 *	41 *	35 *	53 *	36 *
5	70 *	60 *	94 *	122 *	133 *	90 *	62 *	45 *	42 *	35 *	52 *	36 *
6	75 *		91 *	118 *	125 *	88 *	62 *	48 *	42 *	36 *	55 *	36 *
7	77 *		95 *	108 *	124 *	83 *	61 *	54 *	42 *	36 *	57 *	33 *
8	88 *		90 *	105 *	115 *	86 *	60 *	53 *	42 *	37 *	57 *	32 *
9	92 *	71 *	88 *	105 *	113 *	85 *	62 *	58 *	43 *	35 *	55 *	31 *
10	86 *	70 *	71 *	115 *	107 *	83 *	63 *	57 *	44 *	34 *	54 *	31 *
11	77 *	74 *	99 *	128 *	118 *	81 *	63 *	55 *	43 *	34 *	53 *	32 *
12	75 *	88 *	96 *	130 *	105 *	79 *	65 *	53 *	43 *	36 *	52 *	33 *
13	74 *	85 *	100 *	133 *	103 *	78 *	65 *	52 *	44 *	36 *	52 *	35 *
14	74 *	105 *	103 *	125 *	102 *	77 *	59 *	51 *	45 *	34 *	52 *	34 *
15	84 *	125 *	110 *	121 *	102 *	76 *	58 *	50 *	44 *	34 *	53 *	34 *
16	74 *	93 *	108 *	126 *	98 *	75 *	60 *	50 *	43 *	34 *	55 *	36 *
17	72 *	88 *	107 *	138 *	98 *	73 *	58 *	49 *	40 *	34 *	52 *	35 *
18	70 *	84 *	101 *	124 *	91 *	71 *	59 *	48 *	41 *	33 *	51 *	34 *
19	70 *	91 *	98 *	125 *	88 *	71 *	60 *	45 *	43 *	37 *	51 *	32 *
20	70 *	93 *	96 *	140 *	85 *	72 *	59 *	45 *	44 *	39 *	50 *	32 *
21	70 *	93 *	93 *	124 *	84 *	71 *	58 *	45 *	44 *	57 *	50 *	31 *
22	72 *	102 *	89 *	120 *	80 *	71 *	57 *	45 *	44 *	43 *	49 *	31 *
23	70 *	100 *	93 *	117 *	78 *	71 *	58 *	44 *	43 *	40 *	50 *	30 *
24	70 *	96 *	100 *	113 *	78 *	71 *	57 *	43 *	41 *	48 *	49 *	31 *
25	69 *	91 *	118 *	111 *	78 *	70 *	57 *	43 *	39 *	51 *	44 *	30 *
26	69 *	93 *	119 *	117 *	86 *	69 *	57 *	43 *	40 *	56 *	42 *	30 *
27	68 *	104 *	125 *	105 *	98 *	68 *	57 *	44 *	40 *	54 *	41 *	30 *
28	68 *	98 *	108 *	108 *	95 *	67 *	55 *	45 *	39 *	52 *	41 *	30 *
29	67 *		121 *	108 *	90 *	67 *	53 *	44 *	38 *	55 *	40 *	33 *
30	65 *		149 *	105 *	100 *	65 *	50 *	43 *	37 *	55 *	39 *	34 *
31	65 *		140 *		95 *		49 *	42 *		52 *		34 *
Nivel Max.	98 *		180 *	155 *	155 *	135 *	65 *	60 *	45 *	75 *	58 *	38 *
Día	8		30	20	3	1	vv	9	13	21	7	1
Hora	18		18	18	18	18		18	18	18	18	7
Nivel Mín.	64 *		56 *	105 *	77 *	65 *	49 *	42 *	37 *	33 *	38 *	30 *
Día	31		10	vv	26	30	31	30	29	14	30	vv
Hora	18		18		8	8	8	16	18	18	18	
Nivel Medio	73	86	103	119	103	78	59	48	42	41	50	33

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H332	CANAL CHIMBO EN SAN LORENZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	24 *	39 *	40 *	51 *	31 *			39 *	42 *	39 *	50 *	35 *
2	23 *	38 *	25 *	43 *	32 *			38 *	40 *	38 *	49 *	37 *
3	24 *	39 *	25 *	48 *	40 *			40 *	40 *	39 *	49 *	39 *
4	29 *	39 *	28 *	45 *	11 *			40 *	43 *	37 *	49 *	39 *
5	31 *	39 *	26 *	48 *	19 *			44 *	43 *	39 *	49 *	37 *
6	33 *		30 *	43 *	20 *			46 *	42 *	40 *	35 *	28 *
7	38 *		32 *	40 *	24 *			44 *	41 *	38 *	35 *	27 *
8	45 *		26 *	38 *	15 *			31 *	41 *	38 *	46 *	37 *
9	46 *	49 *	25 *	0 *	10 *			34 *	43 *	39 *	47 *	34 *
10	43 *	50 *	23 *	0 *	2 *			44 *	41 *	38 *	46 *	37 *
11	35 *	53 *	32 *	48 *	2 *			46 *	42 *	41 *	45 *	34 *
12	42 *	55 *	0 *	24 *	Seco			46 *	41 *	34 *	45 *	38 *
13	46 *	49 *	13 *	80 *	Seco			45 *	42 *	43 *	45 *	36 *
14	45 *	46 *	41 *	59 *	Seco			45 *	45 *	42 *	44 *	37 *
15	49 *	48 *	46 *	48 *	Seco			45 *	43 *	41 *	44 *	37 *
16	51 *	35 *	50 *	8 *	Seco			44 *	41 *	43 *	47 *	39 *
17	48 *	35 *	39 *	3 *	Seco			44 *	40 *	40 *	41 *	40 *
18	44 *	40 *	31 *	25 *	Seco			43 *	40 *	41 *	41 *	38 *
19	44 *	47 *	23 *	43 *	Seco			45 *	41 *	30 *	41 *	38 *
20	42 *	52 *	18 *	28 *	Seco			44 *	40 *	49 *	42 *	38 *
21	44 *	53 *	20 *	27 *	Seco			43 *	42 *	49 *	42 *	35 *
22	43 *	47 *	24 *	40 *	Seco			42 *	41 *	42 *	28 *	36 *
23	46 *	41 *	34 *	41 *	Seco			42 *	41 *	48 *	28 *	39 *
24	45 *	41 *	40 *	41 *	Seco			45 *	40 *	37 *	36 *	24 *
25	45 *	40 *	40 *	41 *	Seco			43 *	39 *	25 *	33 *	24 *
26	46 *	40 *	46 *	25 *	Seco			44 *	41 *	40 *	34 *	39 *
27	46 *	41 *	49 *	22 *	Seco			43 *	40 *	50 *	34 *	39 *
28	44 *	40 *	50 *	39 *	Seco			43 *	40 *	50 *	33 *	39 *
29	40 *		53 *	34 *	Seco			45 *	39 *	49 *	35 *	29 *
30	38 *		51 *	34 *	Seco			45 *	39 *	49 *	38 *	44 *
31	40 *		51 *		Seco			43 *		50 *		31 *
Nivel Max.	51 *		55 *	115 *	Seco			46 *	45 *	50 *	50 *	45 *
Día	15		29	13	vv			vv	14	vv	1	30
Hora	18		18	18					8		8	8
Nivel Mín.	22 *		0 *	0 *	Seco			20 *	38 *	20 *	15 *	10 *
Día	1		12	vv	vv			8	24	25	22	24
Hora	18		8					18	18	18	18	18
Nivel Medio	40	44	33	35	Seco			43	41	41	41	35

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H333	SAN LORENZO EN SAN LORENZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		58 *	74 *	105 *	80 *	78 *	68 *	65 *	58 *	55 *	65 *	55 *
2		57 *	87 *	100 *	79 *	80 *	68 *	65 *	58 *	55 *	66 *	54 *
3		57 *	85 *	99 *	100 *	80 *	68 *	64 *	58 *	56 *	66 *	54 *
4		57 *	85 *	95 *	128 *	79 *	68 *	64 *	58 *	55 *	64 *	54 *
5		57 *	80 *	95 *	125 *	78 *	67 *	65 *	57 *	53 *	60 *	53 *
6		57 *	78 *	90 *	122 *	78 *	68 *	66 *	58 *	54 *	60 *	53 *
7		57 *	78 *	83 *	116 *	77 *	67 *	66 *	58 *	54 *	61 *	53 *
8		57 *	76 *	82 *	111 *	77 *	67 *	66 *	58 *	54 *	58 *	53 *
9		62 *	75 *	82 *	111 *	76 *	68 *	68 *	58 *	54 *	59 *	52 *
10		63 *	76 *	78 *	100 *	77 *	69 *	65 *	57 *	53 *	57 *	51 *
11		69 *	80 *	83 *	98 *	76 *	70 *	62 *	58 *	54 *	56 *	53 *
12		77 *	80 *	85 *	94 *	73 *	70 *	61 *	57 *	60 *	56 *	53 *
13		76 *	86 *	84 *	92 *	71 *	70 *	60 *	58 *	55 *	55 *	53 *
14		77 *	86 *	83 *	91 *	70 *	70 *	60 *	59 *	64 *	54 *	53 *
15		74 *	89 *	83 *	88 *	70 *	69 *	60 *	58 *	59 *	56 *	54 *
16		74 *	87 *	86 *	84 *	70 *	68 *	60 *	59 *	55 *	60 *	54 *
17		75 *	86 *	88 *	80 *	69 *	68 *	62 *	59 *	55 *	60 *	55 *
18		75 *	85 *	92 *	80 *	69 *	68 *	62 *	58 *	55 *	60 *	54 *
19		75 *	84 *	95 *	78 *	69 *	67 *	62 *	59 *	57 *	57 *	53 *
20		77 *	81 *	95 *	78 *	69 *	68 *	61 *	59 *	57 *	58 *	51 *
21		74 *	80 *	92 *	78 *	69 *	67 *	61 *	59 *	58 *	58 *	50 *
22		74 *	78 *	88 *	77 *	69 *	67 *	60 *	58 *	57 *	58 *	51 *
23		74 *	92 *	86 *	76 *	70 *	67 *	60 *	58 *	59 *	57 *	48 *
24		74 *	94 *	85 *	75 *	69 *	68 *	60 *	58 *	60 *	57 *	50 *
25		74 *	92 *	87 *	73 *	70 *	68 *	58 *	57 *	60 *	56 *	50 *
26		73 *	89 *	92 *	76 *	70 *	68 *	59 *	58 *	63 *	55 *	50 *
27		78 *	104 *	83 *	79 *	69 *	66 *	59 *	58 *	64 *	56 *	50 *
28		77 *	99 *	80 *	81 *	69 *	65 *	59 *	57 *	68 *	55 *	50 *
29			107 *	80 *	76 *	68 *	65 *	60 *	56 *	68 *	55 *	50 *
30			108 *	82 *	78 *	68 *	65 *	59 *	56 *	68 *	55 *	49 *
31			108 *		70 *		65 *	58 *		66 *		49 *
Nivel Max.		78 *	115 *	105 *	140 *	80 *	70 *	68 *	60 *	68 *	66 *	55 *
Día		20	29	1	4	vv	vv	9	16	vv	vv	vv
Hora		6	18	6	18			6	18			
Nivel Mín.		56 *	74 *	78 *	65 *	68 *	65 *	58 *	55 *	53 *	54 *	46 *
Día		4	1	10	31	vv	vv	vv	29	vv	14	23
Hora		6	6	6	6			18			6	18
Nivel Medio		69	87	88	89	72	68	62	58	58	58	52

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	128 *	118 *	126 *	141 *	163 *	123 *	96 *	83 *	78 *	73 *	72 *	69 *
2	128 *	115 *	122 *	134 *	154 *	123 *	95 *	83 *	77 *	73 *	72 *	69 *
3	128 *	113 *	144 *	166 *	154 *	123 *	92 *	82 *	77 *	73 *	71 *	68 *
4	116 *	113 *	120 *	133 *	150 *	123 *	92 *	82 *	76 *	73 *	71 *	68 *
5	115 *	112 *	120 *	162 *	178 *	123 *	92 *	82 *	76 *	73 *	71 *	68 *
6	113 *	112 *	123 *	138 *	166 *	120 *	92 *	82 *	76 *	73 *	71 *	68 *
7	109 *	110 *	120 *	139 *	169 *	119 *	90 *	82 *	76 *	73 *	71 *	68 *
8	109 *	123 *	118 *	130 *	155 *	119 *	90 *	82 *	76 *	73 *	71 *	68 *
9	115 *	124 *	118 *	132 *	146 *	119 *	90 *	82 *	76 *	73 *	71 *	68 *
10	113 *	124 *	118 *	123 *	140 *	116 *	90 *	82 *	76 *	73 *	71 *	68 *
11	110 *	124 *	132 *	134 *	150 *	113 *	90 *	81 *	76 *	73 *	71 *	68 *
12	110 *	124 *	124 *	137 *	134 *	100 *	90 *	81 *	76 *	73 *	71 *	68 *
13	142 *	122 *	126 *	137 *	134 *	110 *	94 *	81 *	75 *	73 *	71 *	68 *
14	136 *	140 *	143 *	134 *	134 *	118 *	88 *	81 *	75 *	72 *	71 *	68 *
15	124 *	142 *	133 *	135 *	132 *	108 *	88 *	81 *	75 *	72 *	71 *	68 *
16	124 *	140 *	133 *	149 *	129 *	107 *	87 *	80 *	75 *	72 *	71 *	68 *
17	123 *	151 *	134 *	147 *	125 *	105 *	87 *	80 *	75 *	72 *	71 *	70 *
18	121 *	145 *	129 *	145 *	125 *	105 *	87 *	79 *	75 *	72 *	71 *	70 *
19	127 *	145 *	132 *	152 *	123 *	103 *	86 *	79 *	75 *	72 *	71 *	70 *
20	122 *	146 *	132 *	156 *	120 *	103 *	86 *	79 *	75 *	72 *	71 *	69 *
21	131 *	145 *	124 *	159 *	119 *	113 *	86 *	79 *	75 *	71 *	71 *	69 *
22	124 *	143 *	129 *	154 *	118 *	108 *	86 *	78 *	75 *	71 *	71 *	69 *
23	117 *	134 *	147 *	161 *	114 *	102 *	86 *	78 *	75 *	71 *	71 *	69 *
24	117 *	139 *	125 *	153 *	127 *	101 *	86 *	78 *	75 *	71 *	71 *	69 *
25	118 *	130 *	124 *	158 *	127 *	101 *	86 *	78 *	74 *	71 *	71 *	68 *
26	114 *	125 *	124 *	162 *	123 *	100 *	86 *	78 *	74 *	72 *	71 *	72 *
27	114 *	136 *	143 *	151 *	122 *	98 *	85 *	78 *	74 *	72 *	71 *	71 *
28	114 *	125 *	131 *	149 *	123 *	97 *	84 *	78 *	74 *	72 *	70 *	72 *
29	109 *		135 *	148 *	120 *	97 *	83 *	78 *	74 *	72 *	70 *	71 *
30	128 *		135 *	158 *	124 *	97 *	83 *	78 *	74 *	72 *	70 *	73 *
31			138 *		125 *		83 *	78 *		72 *		73 *
Nivel Max.		162 *	169 *	199 *	178 *	123 *	98 *	83 *	78 *	73 *	72 *	73 *
Día		17	23	3	5	vv	13	vv	1	vv	vv	vv
Hora		18	18	18	18		6		6			
Nivel Mín.		110 *	118 *	122 *	110 *	97 *	83 *	78 *	74 *	71 *	70 *	68 *
Día		7	vv	10	25	vv	vv	vv	vv	vv	vv	vv
Hora		6		18	6							
Nivel Medio	120	129	129	146	136	110	88	80	75	72	71	69

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H337	PANGOR AJ CHIMBO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		35 *	77 *	95 *	159 *	84 *	46 *	24 *	28 *	21 *	23 *	17 *
2		35 *	77 *	87 *	161 *	85 *	44 *	23 *	28 *	21 *	23 *	17 *
3		35 *	79 *	96 *	158 *	85 *	44 *	22 *	27 *	20 *	22 *	17 *
4		36 *		97 *	148 *	80 *	44 *	21 *	27 *	20 *	22 *	17 *
5		36 *	78 *	85 *	125 *		41 *	28 *	27 *	20 *	20 *	16 *
6		37 *	77 *	81 *	128 *		42 *	28 *	26 *	20 *	19 *	17 *
7		39 *	51 *	81 *	126 *	81 *	40 *	28 *	28 *	20 *	19 *	17 *
8		38 *	48 *	83 *	120 *	60 *	40 *	32 *	30 *	19 *	19 *	17 *
9		38 *	48 *	81 *	114 *	58 *	38 *	37 *	30 *	19 *	19 *	17 *
10		39 *	49 *	73 *	90 *	58 *	38 *	37 *	27 *	19 *	19 *	17 *
11		40 *	52 *	69 *	85 *	58 *	39 *	34 *	24 *	19 *	19 *	17 *
12		42 *	55 *	70 *	82 *	53 *	41 *	33 *	24 *	19 *	19 *	17 *
13		43 *	56 *	75 *	80 *	54 *	41 *	33 *	25 *	18 *	19 *	17 *
14			56 *	75 *	78 *	55 *	40 *	31 *	24 *	18 *	18 *	18 *
15		49 *	56 *	84 *	72 *	53 *	40 *	31 *	21 *	18 *	18 *	18 *
16		63 *	52 *	91 *	71 *	51 *	39 *	31 *	23 *	18 *	18 *	18 *
17		80 *	38 *	98 *	67 *		39 *	30 *	24 *	18 *	18 *	
18		51 *	38 *	74 *	68 *	49 *	39 *	30 *	24 *	18 *	18 *	15 *
19		50 *	41 *	99 *	67 *	49 *	37 *	30 *	24 *	18 *	18 *	17 *
20		59 *		95 *	66 *	49 *	36 *	29 *	24 *	18 *	18 *	17 *
21		56 *		88 *	66 *	48 *	35 *	29 *	24 *	19 *	17 *	16 *
22		82 *	60 *	75 *	65 *	48 *	35 *	26 *	24 *	20 *	17 *	17 *
23		79 *	60 *	75 *	63 *	48 *	35 *	27 *	23 *	21 *	18 *	16 *
24		78 *	64 *	77 *	62 *	49 *	35 *	27 *		22 *	18 *	16 *
25			71 *	74 *	61 *	49 *	35 *	25 *		22 *	18 *	16 *
26		77 *	85 *	73 *	69 *	47 *	35 *	28 *	24 *	19 *	18 *	17 *
27		77 *	59 *	68 *	84 *	45 *	37 *	28 *	24 *	19 *	18 *	15 *
28		77 *	61 *	63 *	83 *	45 *	37 *	29 *	23 *		17 *	16 *
29			61 *	53 *			36 *	29 *	22 *		17 *	17 *
30			62 *	42 *	59 *	45 *	35 *		22 *	19 *	17 *	19 *
31			65 *		58 *		35 *			19 *		19 *
Nivel Max.				100 *			46 *				23 *	
Día				19			1				vv	
Hora				7			7					
Nivel Mín.				42 *			35 *				17 *	
Día				30			vv				vv	
Hora				6								
Nivel Medio		53	60	79	91	57	39	29	25	19	19	17

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H338	CHIMBO DJ PANGOR											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	113 *	92 *	121 *	189 *	199 *	124 *	99 *	67 *	71 *	53 *	67 *	46 *
2	110 *	92 *	122 *	158 *	179 *	124 *	98 *	64 *	60 *	53 *	68 *	46 *
3	110 *	96 *	124 *	156 *	195 *	124 *	97 *	64 *	60 *	50 *	67 *	46 *
4	110 *	97 *		154 *	195 *	124 *	96 *	69 *	60 *	50 *	65 *	45 *
5	110 *	98 *	127 *	153 *	194 *		99 *	76 *	61 *	49 *	58 *	45 *
6	111 *	98 *	126 *	152 *	176 *		99 *	76 *	62 *	49 *	45 *	44 *
7	106 *	99 *	125 *	145 *	176 *	120 *	99 *	77 *	66 *	49 *	47 *	41 *
8	107 *	101 *	124 *	148 *	160 *	122 *	95 *	80 *	67 *	47 *	51 *	40 *
9	118 *	101 *	116 *	148 *	158 *	105 *	91 *	85 *	64 *	47 *	60 *	39 *
10	119 *	110 *	116 *	149 *	155 *	105 *	92 *	88 *	64 *	47 *	60 *	39 *
11	117 *	111 *	118 *	149 *	149 *	105 *	92 *	88 *	64 *	48 *	60 *	40 *
12	108 *	111 *	120 *	150 *	145 *	108 *	97 *	86 *	64 *	48 *	60 *	41 *
13	125 *	100 *	119 *	155 *	144 *	108 *	94 *	84 *	62 *	48 *	59 *	45 *
14	113 *		119 *	156 *	137 *	100 *	92 *	75 *	60 *	48 *	60 *	48 *
15	113 *	128 *	121 *	173 *	135 *	100 *	90 *	75 *	59 *	48 *	60 *	51 *
16	109 *	125 *	140 *	178 *	128 *	102 *	89 *	74 *	59 *	48 *	59 *	51 *
17	108 *	122 *	159 *	161 *	124 *		88 *	74 *	58 *	48 *	58 *	
18	108 *	123 *	159 *	155 *	122 *	101 *	88 *	73 *	58 *	48 *	58 *	40 *
19	110 *	126 *	147 *	165 *	116 *	102 *	87 *	71 *	57 *	49 *	58 *	45 *
20	109 *	128 *		163 *	116 *	101 *	86 *	70 *	57 *	49 *	59 *	46 *
21	109 *	126 *		145 *	115 *	102 *	85 *	68 *	57 *	52 *	59 *	40 *
22	108 *	144 *	137 *	107 *	114 *	100 *	85 *	65 *	57 *	55 *	60 *	39 *
23	108 *	129 *	129 *	116 *	111 *	100 *	85 *	66 *	56 *	61 *	60 *	39 *
24	106 *	150 *	129 *	126 *	110 *	101 *	84 *	66 *		67 *	61 *	39 *
25	106 *		128 *	144 *	109 *	101 *	84 *	65 *		91 *	59 *	39 *
26	110 *	137 *	128 *	163 *	127 *	101 *	84 *	65 *	55 *	112 *	55 *	39 *
27	108 *	133 *	137 *	153 *	128 *	100 *	83 *	65 *	55 *	111 *	52 *	39 *
28	106 *	121 *	146 *	159 *	127 *	100 *	82 *	65 *	54 *		54 *	40 *
29	99 *		148 *	154 *			82 *	66 *	54 *		49 *	41 *
30	101 *		149 *	145 *	126 *	98 *	82 *		54 *	109 *	49 *	46 *
31			150 *		125 *		81 *			100 *		46 *
Nivel Max.				189 *			99 *				68 *	
Día				1			vv				2	
Hora				7							7	
Nivel Mín.				106 *			81 *				45 *	
Día				22			30				6	
Hora				7			16				7	
Nivel Medio	110	115	131	152	143	107	90	73	60	60	58	43

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H340	CHIMBO EN BUCAY											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	145 *	146 *	167 *	172 *	174 *	139 *	118 *	95 *	78 *	69 *	75 *	60 *
2	145 *	145 *	165 *	170 *	187 *	139 *	117 *	94 *	77 *	68 *	75 *	60 *
3	149 *	143 *	164 *	168 *	198 *	140 *	117 *	94 *	76 *	67 *	75 *	60 *
4	151 *	140 *	164 *	168 *	240 *	140 *	116 *	94 *	75 *	66 *	74 *	60 *
5	152 *	138 *	161 *	168 *	223 *	141 *	116 *	94 *	75 *	66 *	74 *	60 *
6	151 *	140 *	160 *	168 *	215 *	143 *	115 *	94 *	75 *	66 *	73 *	60 *
7	148 *	140 *	158 *	170 *	204 *	145 *	114 *	93 *	75 *	66 *	73 *	59 *
8	146 *	178 *	157 *	172 *	194 *	145 *	113 *	92 *	75 *	66 *	72 *	59 *
9	144 *	182 *	157 *	174 *	189 *	144 *	113 *	92 *	74 *	66 *	72 *	59 *
10	156 *	167 *	155 *	175 *	180 *	143 *	111 *	91 *	74 *	65 *	72 *	59 *
11	164 *	145 *	155 *	175 *	173 *	143 *	110 *	91 *	74 *	65 *	71 *	59 *
12	165 *	147 *	155 *	180 *	169 *	141 *	109 *	90 *	74 *	65 *	70 *	58 *
13	171 *	145 *	163 *	179 *	165 *	141 *	108 *	89 *	74 *	65 *	70 *	58 *
14	158 *	160 *	167 *	178 *	164 *	140 *	106 *	88 *	74 *	65 *	70 *	58 *
15	160 *	175 *	185 *	182 *	163 *	140 *	105 *	88 *	73 *	65 *	70 *	57 *
16	155 *	169 *	200 *	181 *	162 *	139 *	104 *	87 *	73 *	65 *	70 *	57 *
17	151 *	168 *	187 *	188 *	162 *	138 *	104 *	86 *	73 *	65 *	69 *	57 *
18	146 *	198 *	185 *	187 *	162 *	138 *	103 *	86 *	73 *	65 *	69 *	56 *
19	144 *	173 *	183 *	190 *	161 *	134 *	102 *	85 *	73 *	66 *	69 *	56 *
20	147 *	168 *	183 *	189 *	160 *	136 *	101 *	85 *	72 *	66 *	68 *	57 *
21	164 *	168 *	180 *	188 *	159 *	135 *	100 *	84 *	72 *	68 *	68 *	57 *
22	145 *	195 *	175 *	198 *	158 *	134 *	100 *	84 *	72 *	68 *	67 *	58 *
23	146 *	183 *	173 *	185 *	155 *	134 *	100 *	84 *	71 *	68 *	67 *	58 *
24	148 *	177 *	169 *	173 *	155 *	132 *	100 *	83 *	71 *	70 *	65 *	58 *
25	148 *	167 *	165 *	168 *	150 *	132 *	99 *	83 *	71 *	71 *	64 *	58 *
26	146 *	165 *	165 *	167 *	145 *	130 *	99 *	82 *	70 *	72 *	63 *	59 *
27	146 *	183 *	165 *	165 *	142 *	129 *	98 *	80 *	70 *	73 *	63 *	60 *
28	145 *	170 *	170 *	167 *	138 *	126 *	97 *	80 *	70 *	74 *	62 *	60 *
29	148 *		175 *	168 *	137 *	124 *	96 *	80 *	70 *	75 *	61 *	60 *
30	150 *		180 *	168 *	136 *	120 *	95 *	80 *	69 *	75 *	61 *	61 *
31	148 *		205 *		135 *		95 *	80 *		75 *		61 *
Nivel Max.	178 *	210 *	225 *	198 *	242 *	145 *	118 *	95 *	78 *	75 *	75 *	61 *
Día	13	18	31	22	4	vv	1	1	1	vv	vv	vv
Hora	7	7	7	7	7		7			7		
Nivel Mín.	142 *	137 *	155 *	165 *	135 *	120 *	95 *	80 *	69 *	65 *	61 *	56 *
Día	1	5	vv	27	30	30	vv	vv	29	vv	vv	vv
Hora	18	18		18	18	18			18			
Nivel Medio	151	163	171	176	169	137	106	87	73	68	69	59

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H343	ECHEANDIA EN ECHEANDIA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	124 *	112 *	131 *	119 *	111	86	58	57	60 *	48 *	40 *	34 *
2	124 *	119 *	128 *	122 *	111	84	62	55	60 *	48 *	40 *	34 *
3	122 *	121 *	123 *	129 *	112	85	65	55	60 *	48 *	40 *	34 *
4	122 *	130 *	120 *	127 *	108	85	61	56	58 *	48 *	40 *	34 *
5	123 *	125 *	122 *	125 *	110	84	63	54	58 *	48 *	40 *	34 *
6	126 *	123 *	128 *	123 *	108	85	66	58	58 *	48 *	40 *	34 *
7	127 *	121 *	126 *	126 *	108	81	67	56	58 *	48 *	40 *	34 *
8	130 *	114 *	124 *	126 *	110	80	68	54	58 *	48 *	40 *	34 *
9	147 *	120 *	122 *	126 *	119	76	66	51	56 *	48 *	40 *	34 *
10	143 *	131 *	120 *	123 *	114	74	63	51	56 *	46 *	38 *	34 *
11	139 *	127 *	126 *	121 *	114	70	65	54	56 *	46 *	38 *	34 *
12	135 *	124 *	126 *	125 *	112	70	62	50	56 *	46 *	38 *	34 *
13	133 *	129 *	124 *	128 *	117	62	64	52	54 *	46 *	38 *	34 *
14	130 *	123 *	122 *	131 *	111	56	61	51	54 *	46 *	38 *	34 *
15	125 *	120 *	132 *	135 *	106	53	63	52	54 *	46 *	38 *	34 *
16	121 *	120 *	130 *	138 *	113	52	60	55	54 *	44 *	38 *	34 *
17	117 *	115 *	130 *	137 *	108	50	63	54	52 *	44 *	36 *	32 *
18	115 *	115 *	128 *	135 *	103	52	59	54	52 *	44 *	36 *	32 *
19	111 *	125 *	126 *	131 *	101	49	61	52	52 *	44 *	36 *	32 *
20	107 *	135 *	124 *	128 *	100	51	60	53	52 *	44 *	36 *	32 *
21	103 *	131 *	122 *	123 *	100	51	59	51	52 *	44 *	36 *	32 *
22	141 *	131 *	120 *	141 *	98	53	62	54	52 *	44 *	36 *	32 *
23	135 *	127 *	118 *	130 *	98	51	59	50	51 *	44 *	36 *	32 *
24	115 *	126 *	115 *	129 *	96	55	61	53	50 *	42 *	36 *	32 *
25	111 *	127 *	113 *	112 *	91	54	55	64 *	50 *	42 *	34 *	32 *
26	114 *	134 *	110 *	111	91	52	57	64 *	50 *	42 *	34 *	32 *
27	112 *	137 *	110 *	107	88	51	54	62 *	50 *	42 *	34 *	32 *
28	124 *	135 *		102	90	52	58	62 *	50 *	42 *	34 *	32 *
29	117 *			103	85	51	57	62 *	50 *	42 *	34 *	32 *
30	111 *			107	86	51	54	62 *	50 *	42 *	34 *	32 *
31	110 *				85		51	60 *		42 *		32 *
Nivel Max.	148 *	138 *		162 *	122	87	70	76 *	60 *	48 *	40 *	34 *
Día	9	27		16	9	6	8	2	vv	vv	vv	vv
Hora	7	7		17	20		10	17				
Nivel Mín.	102 *	112 *		100	84	48	50	49	50 *	42 *	34 *	32 *
Día	20	1		28	31	19	31	23	vv	vv	vv	vv
Hora	17	7		19	22	19	16	11				
Nivel Medio	123	125	123	124	103	64	61	55	54	45	37	33

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H346	ZAPOTAL EN LECHUGAL											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	336	274	340	316	276	297	96	92 *	65 *	61 *	44 *	35 *
2	341	282	337	320	246	262	98	91 *	68 *	58 *	43 *	34 *
3	364	271	339	321	304	243	91	88 *	71 *	58 *	44 *	33 *
4	372	311	332	321	398	270	81	85 *	68 *	55 *	43 *	33 *
5	378	340	340	322	361	248	124 *	85 *	65 *	54 *	43 *	33 *
6	309	288	336	318	321	229	122 *	95 *	65 *	54 *	42 *	33 *
7	247	254	338	317	275	233	142 *	92 *	65 *	53 *	43 *	41 *
8	281	277	340	319	251	221	269 *	88 *	64 *	53 *	47 *	33 *
9	316	252	344	315	240	202	184 *	85 *	64 *	53 *	48 *	35 *
10	260	287	348	318	235	186	158 *	85 *	64 *	53 *	43 *	34 *
11	242	329	346	313	299	180	143 *	83 *	63 *	52 *	44 *	33 *
12	277	347	347	315	255	168	143 *	83 *	63 *	52 *	43 *	33 *
13	191	372	343	317	235	148	133 *	81 *	63 *	51 *	43 *	33 *
14	266	362	344	316	224	138	128 *	82 *	62 *	45 *	42 *	33 *
15	270	352	348	312	325	139	123 *	84 *	62 *	45 *	44 *	34 *
16	206	372	344	311	266	145	132 *	82 *	62 *	50 *	43 *	33 *
17	55	383	342	311	304	181	125 *	75 *	62 *	45 *	43 *	34 *
18	173	308	337	306	347	197	122 *	74 *	62 *	45 *	42 *	42 *
19	239	258	337	300	296	170	129 *	74 *	63 *	44 *	42 *	43 *
20	259	320	330	298	258	152	121 *	73 *	63 *	48 *	43 *	43 *
21	289	342	321	302	239	141	113 *	74 *	64 *	44 *	43 *	35 *
22	310	247	314	301	231	132	112 *	73 *	63 *	44 *	43 *	33 *
23	333	215	316	302	260	125	118 *	73 *	63 *	44 *	43 *	33 *
24	340	273	320	298	228	120	117 *	72 *	62 *	43 *	42 *	32 *
25	335	212	313	304	239	111	127 *	72 *	62 *	44 *	42 *	32 *
26	301	314	306	300	355	113	113 *	72 *	61 *	52 *	41 *	33 *
27	357	340	313	279	542	124	111 *	72 *	61 *	48 *	41 *	34 *
28	364	338	309	248	376	109	105 *	71 *	58 *	44 *	41 *	33 *
29	417		315	245	300	125	99 *	71 *	61 *	43 *	35 *	38 *
30	407		315	292	280	108	94 *	65 *		43 *	33 *	42 *
31	349		316		279		93 *	65 *		42 *		38 *
Nivel Max.	421	390	352	324	590	330	304 *	95 *		61 *	53 *	43 *
Día	29	17	15	4	27	1	8	6		1	9	vv
Hora	12	1	11	21	4	1	7	17		7	7	
Nivel Mín.	35	162	305	232	195	101	24	65 *		42 *	33 *	31 *
Día	17	22	26	29	25	30	4	vv		31	30	24
Hora	3	16	6	17	13	23	12			17	7	17
Nivel Medio	296	304	331	305	292	174	125	79	63	49	42	35

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H347	QUEVEDO EN QUEVEDO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	352	341	338	432 *	323	353	189 *	165 *	132 *	124 *	117 *	107 *
2	322	323	341	445 *	323	341	187 *	162 *	131 *	126 *	117 *	106 *
3	317	295	313	450 *	355	282	188 *	159 *	131 *	125 *	116 *	104 *
4	306	316	288	458 *	424	310	188 *	159 *	130 *	124 *	115 *	103 *
5	309	356	293	469 *	347	324	189 *	160 *	130 *	124 *	115 *	103 *
6	285	377	396	501 *	302	297	187 *	161 *	129 *	123 *	114 *	102 *
7	274	303	366	402 *	280	276	186 *	158 *	127 *	121 *	113 *	101 *
8	323	300	314	409 *	262	273	186 *	158 *	126 *	123 *	114 *	101 *
9	368	281	332	414 *	253	271	185 *	160 *	125 *	124 *	114 *	100 *
10	465	299	384	421 *	284	242	184 *	162 *	126 *	123 *	112 *	109 *
11	363	311	458	417 *	406	93	186 *	165 *	126 *	121 *	111 *	111 *
12	330	372	414	407 *	304	263 *	186 *	163 *	127 *	120 *	111 *	112 *
13	324	370	373	399 *	284	250 *	185 *	162 *	128 *	119 *	110 *	112 *
14	320	332	359	395 *	270	236 *	184 *	160 *	128 *	118 *	110 *	114 *
15	353	293	343	387 *	273	224 *	184 *	159 *	127 *	118 *	109 *	117 *
16	307	318	455	378 *	259	219 *	183 *	155 *	126 *	117 *	112 *	118 *
17	288	293	393	372 *	281	225 *	185 *	153 *	126 *	118 *	111 *	115 *
18	341	337	327	360 *	277	223 *	184 *	152 *	125 *	117 *	112 *	122 *
19	346	351	351	354 *	271	220 *	183 *	148 *	125 *	116 *	111 *	126 *
20	296	326	382	351 *	257	222 *	182 *	147 *	125 *	116 *	113 *	129 *
21	320	331	332	356 *	252	213 *	182 *	145 *	124 *	115 *	113 *	133 *
22	407	415	319	357 *	239	217 *	180 *	142 *	124 *	114 *	112 *	137 *
23	426	372	320	358 *	248	214 *	183 *	139 *	123 *	115 *	112 *	139 *
24	413	331	381	359 *	244	210 *	184 *	137 *	123 *	114 *	111 *	141 *
25	371	308	378	404 *	235	209 *	182 *	137 *	125 *	114 *	110 *	144 *
26	339	294	419	308 *	314	205 *	180 *	136 *	133 *	113 *	109 *	145 *
27	358	281	347	275	445	199 *	179 *	135 *	135 *	112 *	108 *	147 *
28	332	291	328	286	409	194 *	177 *	135 *	129 *	114 *	108 *	148 *
29	310		306	278	362	192 *	174 *	134 *	125 *	115 *	107 *	149 *
30	313		302	317	333	191 *	173 *	133 *	126 *	116 *	107 *	150 *
31	331		420 *		328		169 *	133 *		116 *		151 *
Nivel Max.	504	426	470	509 *	465	390	189 *	165 *		126 *	117 *	151 *
Día	10	22	11	6	11	1	vv	vv		2	vv	31
Hora	9	6	11	16	1	1				18		16
Nivel Mín.	266	267	285	263	227	91	168 *	132 *		112 *	106 *	100 *
Día	7	10	4	29	22	11	31	31		27	30	9
Hora	6	8	9	21	11	2	16	16		8	8	8
Nivel Medio	339	326	357	384	305	239	183	151	127	118	112	122

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H348	VINCES EN VINCES-DCP											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	604 *	536 *	606 *	586 *	506 *	539 *	263 *	208 *	135 *	110 *	73 *	64 *
2	552 *	575 *	583 *	583 *	501 *	543 *	253 *	205 *	137 *	112 *	73 *	61 *
3	518 *	562 *	590 *	580 *	508 *	526 *	283 *	201 *	141 *	108 *	72 *	58 *
4	504 *	535 *	560 *	609 *	545 *	475 *	258 *	194 *	132 *	104 *	72 *	58 *
5	501 *	549 *	549 *	584 *	573 *	459 *	244 *	190 *	128 *	107 *	72 *	56 *
6	541 *	528 *	582 *	606 *	547 *	488 *	235 *	187 *	126 *	109 *	72 *	55 *
7	588 *	574 *	614 *	627 *	491 *	435 *	227 *	190 *	126 *	103 *	72 *	55 *
8	605 *	555 *	611 *	628 *	449 *	429 *	280 *	185 *	132 *	102 *	74 *	55 *
9	569 *	567 *	573 *	614 *	427 *	424 *	285 *	190 *	126 *	104 *	81 *	54 *
10	544 *	588 *	551 *	572 *	417 *	392 *	322 *	214 *	122 *	107 *	81 *	52 *
11	551 *	558 *	576 *	579 *	494 *	447 *	265 *	197 *	120 *	98 *	76 *	49 *
12	508 *	507 *	577 *	558 *	530 *	472 *	249 *	191 *	118 *	96 *	72 *	48 *
13	535 *	468 *	546 *	580 *	499 *	405 *	251 *	180 *	123 *	97 *	70 *	50 *
14	550 *	465 *	533 *	566 *	446 *	379 *	255 *	176 *	131 *	94 *	69 *	50 *
15	491 *	504 *	575 *	585 *	442 *	363 *	264 *	173 *	122 *	91 *	74 *	50 *
16	565 *	515 *	580 *	574 *	435 *	349 *	255 *	188 *	121 *	90 *	71 *	50 *
17	604 *	473 *	592 *	563 *	413 *	335 *	361 *	192 *	119 *	91 *	71 *	50 *
18	613 *	494 *	607 *	568 *	457 *	348 *	303 *	171 *	121 *	92 *	70 *	51 *
19	599 *	534 *	558 *	598 *	450 *	379 *	271 *	165 *	117 *	90 *	68 *	57 *
20	573 *	543 *	564 *	596 *	433 *	367 *	255 *	171 *	114 *	89 *	70 *	61 *
21	544 *	519 *	577 *	556 *	401 *	415 *	246 *	163 *	114 *	88 *	79 *	60 *
22	535 *	554 *	578 *	552 *	395 *	365 *	240 *	159 *	114 *	86 *	81 *	56 *
23	531 *	589 *	577 *	482 *	408 *	357 *	236 *	157 *	114 *	83 *	76 *	52 *
24	516 *	605 *	560 *	470 *	369 *	333 *	251 *	157 *	115 *	81 *	72 *	50 *
25	542 *	598 *	590 *	448 *	360 *	314 *	236 *	151 *	118 *	79 *	74 *	48 *
26	569 *	569 *	551 *	546 *	424 *	301 *	229 *	156 *	114 *	78 *	74 *	49 *
27	528 *	586 *	564 *	485 *	550 *	287 *	229 *	156 *	122 *	77 *	71 *	52 *
28	503 *	618 *	533 *	459 *	607 *	301 *	235 *	153 *	119 *	77 *	70 *	54 *
29	483 *		557 *	464 *	590 *	275 *	223 *	152 *	112 *	79 *	68 *	56 *
30	465 *		583 *	454 *	540 *	273 *	219 *	152 *	110 *	77 *	66 *	56 *
31	489 *		574 *		509 *		215 *	146 *		75 *		57 *
Nivel Max.	615 *	622 *	622 *	630 *	613 *	552 *	367 *	220 *	142 *	112 *	83 *	64 *
Día	18	28	7	8	28	1	17	10	3	2	9	1
Hora	7	18	18	7	18	18	18	7	7	7	18	7
Nivel Mín.	463 *	455 *	512 *	424 *	356 *	270 *	211 *	140 *	110 *	74 *	65 *	48 *
Día	30	14	24	25	25	30	31	31	30	31	30	vv
Hora	7	7	18	18	7	18	18	18	18	18	18	
Nivel Medio	542	545	573	555	474	392	256	176	122	92	73	54

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H352	MACUL EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		476 *	Crecida	460 *	467 *				71 *	63 *		56 *
2	471 *	466 *	479 *	471 *	474 *				71 *	65 *		55 *
3	464 *	459 *	464 *	484 *	465 *				70 *	65 *		55 *
4	453 *	452 *	450 *	494 *	439 *				69 *	65 *		55 *
5	469 *	441 *	436 *		435 *							55 *
6	476 *	433 *	412 *	Crecida	418 *	494 *				64 *		55 *
7	482 *	420 *	395 *	Crecida	362 *	479 *			69 *			54 *
8	484 *	412 *	380 *	473 *	395 *	460 *		97 *	67 *	63 *	60 *	54 *
9	459 *	404 *	357 *	469 *	385 *	431 *			66 *	63 *	60 *	54 *
10		397 *		485 *	375 *	399 *		90 *	67 *		59 *	53 *
11	425 *			484 *	364 *	369 *		88 *	67 *	61 *	51 *	53 *
12	403 *	275 *	439 *	475 *	Crecida			86 *		59 *	51 *	53 *
13		263 *	422 *	475 *	Crecida			85 *		59 *	52 *	52 *
14	461 *	256 *	403 *	462 *	Crecida				61 *	58 *	50 *	52 *
15	453 *	238 *		456 *	Crecida			84 *		58 *	49 *	51 *
16	441 *		Crecida	465 *	Crecida			83 *	67 *	57 *	47 *	
17	482 *	349 *	493 *	475 *	Crecida	352 *		83 *	66 *	58 *		
18		414 *	483 *	468 *	Crecida	311 *		82 *	62 *			
19	462 *	423 *	472 *	459 *	Crecida	254 *		87 *	66 *			
20	469 *	432 *	475 *		Crecida	281 *	117 *	79 *	66 *			
21	454 *	446 *	462 *		Crecida		109 *	79 *	66 *			
22	433 *		449 *		Crecida		100 *		66 *	58 *		
23	403 *		435 *		Crecida		100 *		66 *	58 *		
24		Crecida	420 *		Crecida		100 *					
25		Crecida	406 *		Crecida		105 *	78 *				51 *
26	494 *	Crecida	390 *		Crecida		105 *	77 *			56 *	51 *
27	463 *	Crecida	364 *		Crecida		104 *	76 *	65 *	57 *	55 *	51 *
28	438 *	Crecida			Crecida		105 *	76 *	65 *	57 *		51 *
29	454 *				Crecida		105 *	77 *	62 *	57 *		50 *
30	449 *				Crecida		103 *	75 *	63 *	57 *	56 *	50 *
31	435 *				Crecida		103 *	73 *		57 *		50 *
Nivel Max. Día Hora		Crecida vv	Crecida vv	Crecida vv	Crecida vv							
Nivel Mín. Día Hora					362 7							
Nivel Medio	455		442		Crecida				66	60		53

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H359	PAJAN EN AGUA FRIA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	68	44	192	161 *	143 *	173 *	115 *	122 *	123 *	121 *	117 *	82 *
2	48	44	131	194 *	138 *	145 *	117 *	121 *	123 *	121 *	117 *	82 *
3	38	50	87	253 *	134 *	132 *	143 *	121 *	125 *	121 *	117 *	78 *
4	33	70	74	161 *	151 *	133 *	136 *	121 *	124 *	121 *	117 *	78 *
5	43	70	83	155 *	178 *	146 *	136 *	121 *	124 *	121 *	118 *	77 *
6	54	83	102	148 *	202 *	144 *	132 *	121 *	124 *	121 *	118 *	76 *
7	37	108	106	241 *	135 *	136 *	132 *	124 *	124 *	120 *	118 *	75 *
8	55	107	87	196 *	137 *	127 *	132 *	124 *	124 *	120 *	118 *	75 *
9	39	91	79	226 *	112 *	135 *	113 *	124 *	124 *	120 *	118 *	74 *
10	42	99	59	159 *	103 *	112 *	145 *	124 *	124 *	120 *	118 *	74 *
11	83	119	171 *	143 *	122 *	114 *	145 *	124 *	124 *	120 *	118 *	73 *
12	135	77	103 *	117 *	139 *	139 *	138 *	124 *	124 *	120 *	118 *	69 *
13	28	94	141 *	242 *	148 *	139 *	137 *	124 *	124 *	120 *	117 *	69 *
14	46	107	212 *	243 *	132 *	136 *	129 *	124 *	123 *	120 *	117 *	69 *
15	35	67	182 *	144 *	124 *	102 *	137 *	124 *	123 *	120 *	117 *	69 *
16	93	54	148 *	132 *	212 *	102 *	136 *	124 *	123 *	120 *	112 *	69 *
17	37	68	133 *	120 *	159 *	113 *	136 *	123 *	123 *	119 *	109 *	68 *
18	58	103	133 *	146 *	157 *	215 *	135 *	123 *	123 *	119 *	108 *	68 *
19	67	97	121 *	167 *	143 *	121 *	135 *	122 *	123 *	119 *	108 *	67 *
20	61	108	140 *	221 *	138 *	121 *	135 *	122 *	123 *	119 *	107 *	66 *
21	92	102	113 *	202 *	161 *	122 *	135 *	134 *	123 *	119 *	107 *	66 *
22	76	68	108 *	138 *	188 *	122 *	135 *	134 *	122 *	119 *	107 *	54 *
23	47	69	112 *	206 *	147 *	123 *	135 *	133 *	122 *	119 *	98 *	54 *
24	52	110	133 *	146 *	141 *	124 *	135 *	133 *	121 *	119 *	98 *	53 *
25	151	121	202 *	127 *	143 *	124 *	135 *	133 *	121 *	118 *	97 *	52 *
26	38	112	249 *	139 *	136 *	124 *	129 *	133 *	121 *	118 *	96 *	52 *
27	31	116	168 *	150 *	153 *	125 *	125 *	122 *	121 *	118 *	95 *	109 *
28	26	90	221 *	143 *	202 *	126 *	125 *	122 *	121 *	118 *	95 *	109 *
29	52		162 *	140 *	136 *	126 *	122 *	123 *	122 *	118 *	90 *	105 *
30	60		187 *		148 *	101 *	122 *	135 *	122 *	118 *	84 *	111 *
31	37		149 *		155 *		122 *	135 *		118 *		112 *
Nivel Max. Día Hora	262 12 9	232 18 13	305 * 28 18		269 * 16 18	215 * 18 7	145 * vv 7	135 * vv 7	125 * 3 7	121 * vv 7	118 * vv 7	112 * 31 7
Nivel Mín. Día Hora	8 13 17	35 3 10	53 10 6		103 * 10 7	101 * 15 7	112 * 1 18	121 * vv 7	121 * vv 7	118 * vv 7	83 * 30 7	52 * vv 7
Nivel Medio	57	87	138	171	149	130	132	126	123	119	109	75

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H363	DAULE EN BALZAR											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	636 *	838 *	851 *		370 *	796 *	444 *	316 *				
2	771 *	854 *	862 *		255 *	775 *	437 *	351 *				
3	870 *	839 *	869 *		415 *	879 *	427 *	374 *				
4	805 *	827 *	836 *		983 *	881 *	457 *	370 *				
5	789 *	909 *	863 *		974 *	707 *	460 *	319 *				
6	753 *	838 *	878 *		917 *	827 *	443 *	316 *				
7	709 *	834 *	934 *		888 *	840 *	428 *	261 *				
8	724 *	874 *			833 *	822 *	426 *	259 *				
9	734 *	745 *	1020 *		830 *	808 *	439 *	250 *				
10	613 *	689 *	992 *		851 *	764 *	424 *	246 *				
11	606 *	683 *	603 *		878 *	734 *	357 *	246 *				
12	705 *	683 *	645 *		878 *	744 *	350 *	243 *				
13	687 *	666 *	910 *		859 *	749 *	326 *	261 *				
14	703 *	650 *	996 *		836 *	715 *	338 *	257 *				
15	740 *	719 *	988 *		829 *	697 *	348 *	238 *				
16	779 *	730 *	962 *		827 *	687 *	364 *	235 *				
17	817 *	653 *	643 *		824 *	691 *	338 *	235 *				
18	826 *	646 *	390 *		896 *	755 *	334 *	238 *				
19	832 *	638 *	525 *		892 *	850 *	334 *	235 *				
20	801 *	630 *			864 *	857 *	322 *	233 *				
21	785 *	670 *			901 *	680 *	334 *	235 *				
22	814 *	728 *			825 *	738 *	338 *	246 *				
23	817 *	763 *			844 *	719 *	339 *	260 *				
24	776 *	783 *			619 *	697 *	327 *					
25	866 *	662 *			613 *	687 *	348 *					
26	857 *	780 *			713 *	681 *	369 *					
27	833 *	847 *			733 *	660 *	363 *					
28	821 *	833 *			817 *	620 *	352 *					
29	853 *				832 *	615 *	338 *					
30	837 *				821 *	630 *	337 *					
31	828 *						320 *					
Nivel Max.	905 *	967 *				899 *	486 *					
Día	25	5				3	10					
Hora	16	16				7	7					
Nivel Mín.	603 *	622 *				574 *	312 *					
Día	11	25				29	20					
Hora	16	16				16	16					
Nivel Medio	774	750			787	743	373	270				

NOTA: * DATOS LIMNIMETRICOS

1998

H365	DAULE EN LA CAPILLA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	932 *	790 *	826 *	996 *	975 *	834 *	496	396	314	297	279	238
2	905 *	799 *	859 *	993 *	970 *	808 *	452	391	311	297	278	238
3	849 *	800 *	851 *	991 *	952 *	788 *	420	363	312	298	278	235
4	794 *	777 *	830 *	987 *	938 *	771 *	419	372	312	296	279	236
5	801 *	855 *	828 *	988 *	921 *	788 *	445	368	312	296	277	239
6	860 *	861 *	874 *	983 *	892 *	790 *	445	352	312	295	273	242
7	835 *	888 *	955 *	986 *	861 *	759 *	445	346	308	295	271	240
8	821 *	922 *	963 *	984 *	845 *	773 *	445	343	309	298	272	243
9	808 *	923 *	955 *	983 *	809 *	804 *	442	342	305	296	272	243
10	768 *	891 *	951 *	986 *	817 *	770 *	435	338	307	294	262	243
11	724 *	837 *	956 *	989 *	856 *	719 *	431	335	308	295	256	232
12	736 *	780 *	956 *	989 *	859 *	714 *	423	333	311	294	263	227
13	850 *	716 *	961 *	988 *	842 *	708 *	423	330	311	294	256	229
14	863 *	754 *	962 *	986 *	820 *	687 *	422	330	311	293	267	226
15	830 *	757 *	963 *	985 *	851 *	675 *	422	329	308	292	272	224
16	845 *	743 *	950 *	981 *	837 *	664 *	438	329	306	292	274	220
17	890 *	687 *	957 *	977 *	819 *	659 *	427	327	308	291	273	221
18	886 *	706 *	955 *	983 *	844 *	735 *	419	326	307	290	268	219
19	878 *	780 *	955 *	985 *	905 *	806 *	416	322	304	287	269	220
20	833 *	758 *	959 *	993 *	887 *	771 *	415	324	303	285	265	219
21	814 *	790 *	965 *	998 *	832 *	765 *	425	325	305	283	232	211
22	837 *	820 *	964 *	998 *	848 *	701 *	438	322	305	284	231	206
23	831 *	801 *	969 *	997 *	787 *	687 *	444	321	303	284	232	212
24	822 *	738 *	975 *	999 *	735 *	675	432	319	302	283	231	209
25	850 *	810 *	973 *	953 *	688 *	662	421	319	299	284	230	196
26	881 *	808 *	974 *	949 *	684 *	651	413	318	302	285	231	205
27	864 *	843 *	983 *	995 *	797 *	660	408	318	302	284	232	211
28	843 *	840 *	986 *	988 *	868 *	635	405	318	301	283	235	215
29	807 *		992 *	978 *	789 *	621	403	318	302	281	238	215
30	833 *		995 *	976 *	777 *	590	401	315	300	280	238	215
31	865 *		996 *		762 *		399	314		279		213
Nivel Max.	932 *	925 *	996 *	1005 *	975 *	844 *	522	397	314	299	280	253
Día	1	8	31	25	1	1	1	1	1	3	4	10
Hora	6	17	6	17	6	17	1	2	5	9	3	2
Nivel Mín.	718 *	677 *	823 *	900 *	675 *	539	398	314	297	277	227	195
Día	11	17	1	25	26	30	31	31	30	31	25	25
Hora	17	17	6	6	6	22	12	5	16	17	22	10
Nivel Medio	837	802	943	985	841	722	428	336	307	290	258	224

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H371 SAN PABLO EN PALMAR												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	599	610	584	588	504	566					80 *	56 *
2	596	608	586	587	504	542					76 *	56 *
3	601	605	591	582	477	511					72 *	51 *
4	608	600	587	576	537	493					73 *	48 *
5	608	602	590	578	534	500					74 *	46 *
6	607	599	595	577	476	442					83 *	43 *
7	607	601	597	575	448	463					73 *	47 *
8	603	598	605	570	417	498					69 *	47 *
9	603	595	606	571	465	490					72 *	44 *
10	595	596	608	567	506	449					72 *	49 *
11	596	595	612	566	573	433					67 *	54 *
12	593	589	614	563	585	437					66 *	57 *
13	589	588	610	556	528	401					60 *	51 *
14	588	589	605	557	501	366					69 *	47 *
15	584	593	604	558	552	361					65 *	53 *
16	585	589	607	553	572	334					68 *	55 *
17	589	591	612	542	564	331					66 *	56 *
18	599	588	613	540	581	367					62 *	110 *
19	597	589	611	536	562	353					62 *	140 *
20	596	587	610	533	597	336					69 *	122 *
21	599	584	612	531	569	327					67 *	97 *
22	600	583	606	531	530	324 *					66 *	87 *
23	603	579	606	528	580	305 *					67 *	92 *
24	607	578	606	530	612	291 *					64 *	107 *
25	611	577	602	529	609	287 *					64 *	117 *
26	614	576	602	522	565	274 *					63 *	116 *
27	615	577	595	532	609	353 *					64 *	107 *
28	613	580	593	492	623	302 *					62 *	103 *
29	613		587	459	584	325 *					59 *	97 *
30	609		589	478	522	322 *					55 *	102 *
31	609		584		514							110 *
Nivel Max.	616	612	615	589	640	571					85 *	141 *
Día	27	1	10	1	24	1					6	19
Hora	9	2	23		3	12					18	18
Nivel Mín.	583	575	582	439	407	273 *					55 *	42 *
Día	15	26	31	30	8	26					30	6
Hora	16	5	4		21	6					6	18
Nivel Medio	601	591	601	547	542	393					67	76

NOTA: * DATOS LIMNIMETRICOS

1998

H375 CHANCHAN DJ HUATAXI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	32 *	27 *	45 *	99 *	73 *	75 *	72 *	73 *	50 *	41 *	49 *	37 *
2	33 *	27 *	45 *	99 *	66 *	73 *	75 *	77 *	50 *	42 *	49 *	35 *
3	33 *	26 *	43 *	95 *	93 *	73 *	77 *	76 *	49 *	43 *	56 *	35 *
4	36 *	28 *	47 *	88 *	96 *	75 *	75 *	67 *	47 *	44 *	57 *	35 *
5	38 *	58 *	47 *	94 *	103 *	77 *	70 *	60 *	49 *	43 *	55 *	35 *
6	40 *	51 *	49 *	56 *	94 *	81 *	71 *	56 *	50 *	44 *	59 *	36 *
7	40 *	43 *	48 *	58 *	90 *	83 *	69 *	53 *	48 *	43 *	57 *	38 *
8	46 *	45 *	47 *	56 *	87 *	79 *	69 *	54 *	45 *	41 *	57 *	38 *
9	39 *	55 *	47 *	69 *	84 *	84 *	69 *	54 *	43 *	39 *	57 *	39 *
10	54 *	64 *	50 *	70 *	86 *	82 *	67 *	54 *	45 *	38 *	55 *	39 *
11	50 *	63 *	51 *	63 *	90 *	81 *	66 *	57 *	43 *	37 *	59 *	39 *
12	44 *	70 *	49 *	67 *	86 *	79 *	62 *	62 *	45 *	36 *	61 *	38 *
13	35 *	78 *	50 *	69 *	84 *	78 *	61 *	61 *	43 *	35 *	60 *	38 *
14	35 *	65 *	50 *	63 *	58 *		63 *	58 *	45 *	35 *	62 *	38 *
15	33 *	60 *	52 *	58 *	59 *	78 *	65 *	55 *	46 *	34 *	62 *	38 *
16	33 *	57 *	49 *	61 *	63 *	79 *	62 *	51 *	44 *	34 *	61 *	36 *
17	33 *	47 *	47 *	67 *	63 *	78 *	85 *	48 *	46 *	31 *	59 *	35 *
18	32 *	44 *	47 *	60 *	57 *	77 *	83 *	45 *	44 *	32 *	59 *	34 *
19	32 *	40 *	51 *	60 *	57 *	77 *	85 *	45 *	43 *	31 *	56 *	33 *
20	29 *	34 *	51 *	61 *	59 *	73 *	87 *	46 *	42 *	30 *	54 *	32 *
21	27 *	32 *	47 *	62 *	60 *	72 *	90 *	41 *	40 *	30 *	57 *	32 *
22	31 *	29 *	45 *	63 *	67 *	70 *	93 *	48 *	39 *	30 *	60 *	33 *
23	26 *	30 *	50 *	67 *	69 *	71 *	98 *	45 *	39 *	31 *	60 *	30 *
24	26 *	34 *	51 *	62 *	70 *	73 *	101 *	50 *	38 *	32 *	59 *	38 *
25	26 *	36 *	47 *	55 *	68 *	75 *	111 *	50 *	37 *	32 *	61 *	38 *
26	27 *	40 *	48 *	59 *	65 *	69 *	96 *	53 *	37 *	33 *	59 *	38 *
27	25 *	39 *	52 *	66 *	63 *	74 *	94 *	51 *	37 *	34 *	55 *	55 *
28	24 *	39 *	57 *	67 *	65 *	75 *	85 *	51 *	38 *	34 *	55 *	57 *
29	23 *		61 *	54 *	63 *	78 *	78 *	50 *	40 *	33 *	49 *	57 *
30	23 *		68 *	51 *	62 *	78 *	76 *	51 *	41 *	31 *	48 *	67 *
31	24 *		93 *		60 *		73 *	53 *				
Nivel Max.	54 *	78 *	98 *	100 *	108 *		112 *	78 *	50 *		62 *	
Día	10	13	31	1	5		25	2	vv		vv	
Hora	17	7	7		17		17	7				
Nivel Mín.	22 *	24 *	42 *	50 *	56 *		60 *	40 *	36 *		48 *	
Día	29	3	3	30	18		12	21	25		1	
Hora	17	7	7	17	7		17	17	17		7	
Nivel Medio	33	45	51	67	73	76	78	55	43	36	57	39

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H385	ANGAS AJ CHANCHAN											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	99 *	38 *	76 *	95 *	100 *	59 *	28 *	22 *	14 *	14 *	34 *	24 *
2	92 *	36 *	68 *	89 *	92 *	68 *	27 *	22 *	14 *	14 *	32 *	24 *
3	90 *	40 *	62 *	84 *	105 *	68 *	27 *	22 *	17 *	13 *	34 *	23 *
4	86 *	36 *	60 *	75 *	124 *	65 *	25 *	21 *	18 *	13 *	34 *	22 *
5	90 *	34 *	58 *	98 *	97 *	53 *	25 *	20 *	17 *	13 *	32 *	22 *
6	88 *	42 *	82 *	72 *	83 *	50 *	25 *	25 *	16 *	12 *	32 *	22 *
7	104 *	38 *	104 *	101 *	76 *	49 *	26 *	27 *	16 *	12 *	32 *	24 *
8	98 *	58 *	96 *	82 *	69 *	47 *	26 *	26 *	17 *	12 *	31 *	21 *
9	92 *	158 *	84 *	95 *	67 *	46 *	27 *	25 *	17 *	11 *	31 *	20 *
10	91 *	108 *	73 *	82 *	69 *	44 *	27 *	25 *	19 *	11 *	29 *	19 *
11	89 *	98 *	74 *	79 *	67 *	42 *	27 *	24 *	19 *	11 *	29 *	19 *
12	131 *	98 *	101 *	79 *	60 *	40 *	26 *	23 *	19 *	11 *	29 *	19 *
13	54 *	90 *	98 *	80 *	58 *	37 *	24 *	23 *	18 *	10 *	28 *	19 *
14	54 *	120 *	85 *	77 *	56 *	36 *	23 *	22 *	18 *	10 *	28 *	19 *
15	56 *	118 *	82 *	85 *	55 *	35 *	23 *	22 *	16 *	10 *	28 *	20 *
16	56 *	98 *	84 *	87 *	52 *	34 *	23 *	21 *	15 *	9 *	29 *	25 *
17	55 *	89 *	124 *	91 *	51 *	33 *	22 *	20 *	15 *	17 *	29 *	25 *
18	55 *	87 *	83 *	80 *	50 *	33 *	22 *	19 *	15 *	25 *	27 *	25 *
19	52 *	82 *	74 *	78 *	49 *	32 *	22 *	19 *	16 *	25 *	27 *	25 *
20	52 *	93 *	69 *	85 *	48 *	32 *	22 *	19 *	16 *	25 *	27 *	25 *
21	53 *	84 *	73 *	120 *	46 *	32 *	22 *	19 *	16 *	25 *	27 *	24 *
22	51 *	100 *	81 *	88 *	43 *	33 *	22 *	18 *	16 *	25 *	28 *	24 *
23	50 *	98 *	76 *	79 *	43 *	33 *	22 *	18 *	16 *	28 *	29 *	22 *
24	50 *	98 *	79 *	74 *	44 *	32 *	23 *	17 *	16 *	27 *	30 *	22 *
25	46 *	128 *	94 *	78 *	44 *	32 *	23 *	17 *	16 *	28 *	29 *	22 *
26	46 *	74 *	78 *	77 *	80 *	32 *	23 *	16 *	15 *	28 *	28 *	22 *
27	45 *	131 *	78 *	72 *	99 *	31 *	23 *	16 *	15 *	29 *	28 *	22 *
28	44 *	72 *	75 *	72 *	73 *	31 *	23 *	16 *	15 *	29 *	27 *	22 *
29	42 *		74 *	70 *	63 *	31 *	22 *	16 *	15 *	29 *	26 *	23 *
30	40 *		75 *	99 *	60 *	29 *	22 *	16 *	15 *	38 *	25 *	25 *
31	38 *		102 *		71 *		22 *	15 *		38 *		25 *
Nivel Max.	174 *	168 *	135 *	155 *	125 *	78 *	28 *	27 *	19 *	38 *	34 *	27 *
Día	12	25	17	21	4	2	1	7	vv	vv	vv	7
Hora	18	18	18	18	18	18	6	6				6
Nivel Mín.	38 *	34 *	58 *	67 *	43 *	29 *	22 *	15 *	13 *	9 *	25 *	19 *
Día	31	5	6	5	vv	30	vv	30	2	17	30	vv
Hora	6	18	6	6		6		18	18	6	6	
Nivel Medio	67	84	81	84	67	41	24	20	16	19	29	22

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H390	CHIMBO AJ MILAGRO INAMHI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	324 *	270 *		328 *	380 *	287 *	155 *	125 *	76 *	38 *	54 *	15 *
2	267 *	237 *		346 *	389 *	267 *	148 *	117 *	74 *	37 *	55 *	11 *
3	239 *	206 *		293 *	335 *	252 *	143 *	116 *	69 *	36 *	56 *	2 *
4	230 *	221 *		368 *	342 *	334 *	149 *	121 *	72 *	33 *	56 *	1 *
5	230 *	244 *		351 *	337 *	323 *	145 *	115 *	72 *	42 *	56 *	3 *
6	283 *	327 *		358 *	330 *	271 *	139 *	101 *	69 *	35 *	55 *	0 *
7	282 *	354 *		352 *	289 *	218 *	133 *	110 *	70 *	33 *	52 *	0 *
8	295 *	405 *		353 *	275 *	254 *	159 *	121 *	69 *	34 *	54 *	0 *
9	272 *	421 *		330 *	322 *	244 *	145 *	122 *	64 *	34 *	44 *	0 *
10	275 *	337 *		336 *	294 *	222 *	174 *	123 *	59 *	34 *	48 *	0 *
11	286 *	312 *		348 *	301 *	210 *	165 *	122 *	54 *	35 *	42 *	0 *
12	249 *	288 *		355 *	306 *	200 *	160 *	116 *	62 *	34 *	42 *	0 *
13	322 *	241 *		348 *	292 *	184 *	156 *	112 *	63 *	30 *	40 *	0 *
14	307 *	332 *		328 *	266 *	174 *	144 *	103 *	63 *	31 *	42 *	0 *
15	298 *	353 *		325 *	253 *	173 *	143 *	102 *	63 *	33 *	45 *	0 *
16	302 *	303 *	329 *	289 *	255 *	171 *	136 *	95 *	61 *	31 *	44 *	0 *
17	327 *	251 *	387 *	262 *	266 *	172 *	143 *	97 *	55 *	23 *	42 *	0 *
18	314 *	318 *	389 *	323 *	286 *	165 *	149 *	94 *	53 *	32 *	35 *	0 *
19	317 *	343 *	381 *	341 *	296 *	174 *	144 *	87 *	53 *	27 *	24 *	59 *
20	299 *	313 *	338 *	319 *	265 *	177 *	144 *	85 *	53 *	25 *	23 *	82 *
21	303 *	307 *	300 *	292 *	231 *	172 *	139 *	87 *	53 *	26 *	22 *	56 *
22	348 *	349 *	288 *	277 *	222 *	166 *	131 *	87 *	52 *	27 *	15 *	51 *
23	285 *	369 *	264 *	319 *	264 *	179 *	133 *	86 *	47 *	27 *	27 *	44 *
24	288 *	382 *	338 *	335 *	207 *	167 *	134 *	85 *	46 *	26 *	23 *	35 *
25	330 *	366 *	360 *	337 *	257 *	164 *	133 *	83 *	44 *	27 *	17 *	32 *
26	311 *	345 *	284 *	308 *	280 *	157 *	144 *	84 *	62 *	29 *	15 *	23 *
27	261 *	368 *	283 *	303 *	347 *	168 *	135 *	83 *	46 *	36 *	13 *	22 *
28	272 *	394 *	337 *	311 *	352 *	157 *	129 *	83 *	46 *	37 *	14 *	22 *
29	273 *		345 *	315 *	309 *	161 *	123 *	77 *	44 *	44 *	10 *	33 *
30	309 *		359 *	342 *	247 *	158 *	119 *	73 *	39 *	56 *	17 *	36 *
31	301 *		334 *		252 *		117 *	76 *		53 *		37 *
Nivel Max.	389 *	429 *		379 *	399 *	335 *	175 *	128 *	78 *	56 *	59 *	94 *
Día	22	9		1	2	4	10	1	26	30	6	19
Hora	18	18		18	7	7	7	18	18	7	18	18
Nivel Mín.	222 *	192 *		224 *	205 *	156 *	114 *	72 *	38 *	22 *	9 *	0 *
Día	5	3		17	24	26	31	30	30	17	29	vv
Hora	7	18		18	7	18	7	18	7	7	18	
Nivel Medio	290	320		326	292	204	142	99	58	34	36	18

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H391 DAULE EN STA.LUCIA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	931 *	791 *	825 *	997 *	976 *	835 *	580 *	402 *	315 *	295 *	258 *	207 *
2	906 *	799 *	859 *	994 *	971 *	809 *	510 *	402 *	313 *	295 *	273 *	217 *
3	849 *	831 *	851 *	992 *	956 *	789 *	459 *	394 *	314 *	294 *	273 *	218 *
4	795 *	767 *	831 *	992 *	939 *	771 *	428 *	397 *	313 *	296 *	270 *	215 *
5	802 *	805 *	828 *	988 *	921 *	789 *	418 *	393 *	312 *	294 *	270 *	218 *
6	859 *	861 *	873 *	982 *	892 *	791 *	442 *	362 *	312 *	295 *	271 *	220 *
7	834 *	837 *	956 *	987 *	862 *	759 *	446 *	374 *	312 *	294 *	271 *	219 *
8	821 *	921 *	963 *	985 *	846 *	773 *	446 *	369 *	310 *	295 *	270 *	217 *
9	808 *	923 *	955 *	984 *	810 *	805 *	444 *	355 *	308 *	295 *	273 *	215 *
10	768 *	841 *	952 *	986 *	816 *	770 *	447 *	345 *	308 *	293 *	275 *	212 *
11	723 *	837 *	957 *	988 *	856 *	719 *	443 *	345 *	310 *	292 *	272 *	216 *
12	736 *	780 *	961 *	988 *	858 *	715 *	437 *	345 *	312 *	292 *	266 *	216 *
13	851 *	717 *	956 *	987 *	842 *	709 *	434 *	338 *	305 *	291 *	264 *	216 *
14	864 *	754 *	962 *	986 *	821 *	687 *	434 *	337 *	307 *	285 *	264 *	213 *
15	830 *	758 *	963 *	986 *	851 *	676 *	429 *	335 *	306 *	285 *	266 *	212 *
16	845 *	743 *	950 *	981 *	838 *	665 *	428 *	333 *	305 *	284 *	276 *	211 *
17	891 *	687 *	958 *	976 *	819 *	659 *	423 *	332 *	307 *	283 *	261 *	220 *
18	886 *	705 *	955 *	984 *	845 *	736 *	434 *	328 *	304 *	284 *	257 *	228 *
19	878 *	781 *	955 *	986 *	905 *	806 *	431 *	327 *	304 *	284 *	258 *	226 *
20	833 *	757 *	960 *	994 *	887 *	771 *	421 *	327 *	306 *	282 *	255 *	224 *
21	813 *	790 *	964 *	999 *	833 *	726 *	417 *	327 *	304 *	281 *	233 *	220 *
22	838 *	820 *	964 *	999 *	847 *	702 *	416 *	326 *	303 *	281 *	228 *	217 *
23	832 *	802 *	970 *	996 *	787 *	688 *	416 *	326 *	302 *	280 *	227 *	215 *
24	848 *	737 *	975 *	998 *	736 *	677 *	423 *	325 *	303 *	278 *	223 *	216 *
25	851 *	811 *	974 *	1002 *	688 *	665 *	445 *	325 *	301 *	277 *	221 *	216 *
26	881 *	809 *	975 *	995 *	685 *	652 *	445 *	323 *	302 *	275 *	219 *	215 *
27	864 *	843 *	984 *	996 *	797 *	659 *	432 *	320 *	301 *	274 *	213 *	214 *
28	848 *	840 *	987 *	993 *	872 *	648 *	421 *	320 *	296 *	274 *	209 *	210 *
29	806 *		993 *	979 *	790 *	629 *	414 *	317 *	295 *	271 *	204 *	207 *
30	838 *		996 *	977 *	778 *	623 *	407 *	317 *	295 *	261 *	200 *	205 *
31	830 *		997 *		763 *		405 *	316 *		240 *		207 *
Nivel Max.	931 *	924 *	997 *	1005 *	976 *	845 *	595 *	403 *	315 *	297 *	289 *	228 *
Día	1	8	31	25	1	1	1	1	1	4	16	18
Hora	6	16	6	16	6	16	6	16	16	16	16	6
Nivel Mín.	717 *	676 *	822 *	974 *	676 *	622 *	403 *	316 *	295 *	237 *	197 *	203 *
Día	12	17	1	17	26	30	31	31	vv	31	30	30
Hora	6	16	6	6	6	16	16	16		16	16	16
Nivel Medio	837	798	943	989	841	723	438	344	306	284	250	215

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H399 COLIMES EN POTRERILLOS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	500 *	448 *	351 *	471 *	366 *	275 *	200 *	14 *	0 *	0 *	0 *	0 *
2	445 *	394 *	379 *	472 *	477 *	263 *	185 *	0 *	0 *	0 *	0 *	0 *
3	390 *	394 *	378 *	480 *	393 *	215 *	170 *	0 *	0 *	0 *	0 *	0 *
4	390 *	468 *	377 *	458 *	294 *	211 *	179 *	0 *	0 *	0 *	0 *	0 *
5		546 *	496 *	500 *	405 *	205 *	177 *	0 *	0 *	0 *	0 *	0 *
6		453 *	499 *	533 *	496 *	200 *	173 *	0 *	0 *	0 *	0 *	0 *
7		365 *	565 *	476 *	491 *	192 *	167 *	0 *	0 *	0 *	0 *	0 *
8	386 *	365 *	597 *	496 *	313 *	193 *	141 *	0 *	0 *	0 *	0 *	0 *
9	376 *	364 *	541 *	475 *	210 *	198 *	155 *	0 *	0 *	0 *	0 *	0 *
10	378 *	365 *	538 *	462 *	201 *	199 *	153 *	0 *	0 *	0 *	0 *	0 *
11	379 *	364 *	518 *	461 *	366 *	200 *	145 *	0 *	0 *	0 *	0 *	0 *
12	380 *	332 *	498 *	510 *	563 *	350 *	140 *	0 *	0 *	0 *	0 *	0 *
13	388 *	299 *	445 *	499 *	563 *	356 *	139 *	0 *	0 *	0 *	0 *	0 *
14	389 *	296 *	383 *	496 *	435 *	351 *	139 *	0 *	0 *	0 *	0 *	0 *
15	578 *	323 *	445 *	493 *	366 *	318 *	138 *	0 *	0 *	0 *	0 *	0 *
16	494 *	357 *	490 *	494 *	400 *	305 *	136 *	0 *	0 *	0 *	0 *	0 *
17	497 *	488 *	523 *	408 *	355 *	327 *	132 *	0 *	0 *	0 *	0 *	0 *
18	498 *	560 *	405 *	508 *	215 *	341 *	131 *	0 *	0 *	0 *	0 *	0 *
19	370 *	512 *	423 *	433 *	213 *	343 *	130 *	0 *	0 *	0 *	0 *	0 *
20	364 *	462 *	411 *	436 *	212 *	379 *	129 *	0 *	0 *	0 *	0 *	0 *
21	391 *	461 *	505 *	481 *	210 *	383 *	127 *	0 *	0 *	0 *	0 *	0 *
22	360 *	458 *	547 *	451 *	205 *	270 *	121 *	0 *	0 *	0 *	0 *	0 *
23	360 *	495 *	549 *	443 *	226 *	223 *	152 *	0 *	0 *	0 *	0 *	0 *
24	360 *	543 *	531 *	694 *	288 *	211 *	123 *	0 *	0 *	0 *	0 *	0 *
25	316 *	547 *	536 *	460 *	420 *	200 *	95 *	0 *	0 *	0 *	0 *	0 *
26	271 *	503 *	533 *	388 *	448 *	200 *	92 *	0 *	0 *	0 *	0 *	0 *
27	275 *	461 *	503 *	315 *	363 *	215 *	89 *	0 *	0 *	0 *	0 *	0 *
28	295 *	313 *	478 *	213 *	311 *	216 *	88 *	0 *	0 *	0 *	0 *	0 *
29	295 *		484 *	283 *	275 *	246 *	46 *	0 *	0 *	0 *	0 *	0 *
30	458 *		480 *	363 *	240 *	216 *	43 *	0 *	0 *	0 *	0 *	0 *
31	499 *		471 *		240 *		31 *	0 *		0 *		0 *
Nivel Max.		560 *	597 *	698 *	564 *	465 *	200 *	28 *	0 *	0 *	0 *	0 *
Día		18	8	24	12	21	1	1	vv	vv	vv	vv
Hora		18	18	18	18	7	7	7				
Nivel Mín.		292 *	346 *	200 *	200 *	190 *	31 *	0 *	0 *	0 *	0 *	0 *
Día		14	1	29	10	8	31	vv	vv	vv	vv	vv
Hora		18	7	7	7	7	18					
Nivel Medio	396	426	480	455	340	260	131	0	0	0	0	0

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H402	CONGO EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	687 *	491 *	554 *	601 *	689 *	544 *	288 *	191 *	156 *	141 *	98 *	64 *
2	645 *	517 *	581 *	680 *	648 *	577 *	274 *	179 *	155 *	141 *	98 *	68 *
3	637 *	530 *	619 *	676 *	622 *	639 *	253 *	183 *	154 *	141 *	98 *	104 *
4	660 *	560 *	644 *	632 *	689 *	573 *	235 *	185 *	154 *	141 *	97 *	107 *
5	607 *	557 *	654 *	689 *	638 *	699 *	247 *	185 *	153 *	141 *	96 *	106 *
6	613 *	620 *	663 *	610 *	614 *	676 *	228 *	184 *	152 *	131 *	89 *	106 *
7	577 *	628 *	669 *	300 *	538 *	615 *	212 *	193 *	152 *	139 *	88 *	
8	559 *	586 *	673 *	150 *	487 *	545 *	221 *	187 *	151 *	138 *	94 *	
9	488 *	563 *	658 *	100 *	469 *	535 *	252 *	197 *	149 *	137 *	94 *	
10	549 *	544 *	658 *		489 *	566 *	263 *	191 *	148 *	139 *	93 *	
11	565 *	534 *	637 *		538 *	568 *	193 *	185 *	148 *	125 *	93 *	
12	382 *	493 *	647 *		539 *	607 *	158 *	178 *	148 *	126 *	83 *	
13	533 *	439 *	653 *		383 *	584 *	262 *	175 *	149 *	120 *	82 *	
14	601 *	397 *	684 *		315 *	578 *	245 *	175 *	149 *	118 *	77 *	
15	672 *	376 *	687 *	670 *	442 *	510 *	232 *	174 *	141 *	117 *	70 *	
16	684 *	322 *	690 *	688 *	343 *	499 *	203 *	173 *	141 *	123 *	70 *	
17	664 *	228 *		696 *	320 *	410 *	268 *	171 *	152 *	123 *	116 *	91 *
18	668 *	437 *			615 *	511 *	276 *	174 *	152 *	123 *	120 *	91 *
19	645 *	534 *	609 *		529 *	539 *	210 *	168 *	141 *	124 *	124 *	99 *
20		575 *	688 *		503 *	590 *	212 *	167 *	149 *	124 *	175 *	
21	598 *	552 *	668 *	689 *	491 *	631 *	190 *	165 *	148 *	119 *	128 *	
22	598 *	567 *	652 *	628 *	456 *	654 *	179 *	165 *	146 *	119 *	105 *	
23	633 *	556 *	594 *	555 *	408 *	665 *	269 *	165 *	145 *	118 *	100 *	
24	617 *	459 *	582 *	457 *	381 *	588 *	388 *	164 *	144 *	116 *	99 *	
25	572 *	574 *	552 *	688 *	365 *	519 *	393 *	163 *	143 *	105 *	90 *	
26	681 *	626 *	659 *	677 *	522 *	423 *	334 *	163 *	143 *	109 *	88 *	91 *
27	679 *	626 *	642 *	661 *	569 *	386 *	193 *	162 *	142 *	104 *	64 *	96 *
28	679 *	649 *	683 *	652 *	634 *	350 *	227 *	159 *	142 *	104 *	55 *	
29	624 *		541 *	587 *	646 *	386 *	206 *	158 *	142 *	102 *	45 *	
30	559 *		641 *	499 *	571 *	356 *		157 *	141 *	95 *	45 *	
31	542 *		663 *		530 *		242 *	156 *		95 *		
Nivel Max.		658 *			699 *	699 *		199 *	156 *	144 *	221 *	
Día		28			4	5		9	1	10	20	
Hora		7			7	16		7	8	14	8	
Nivel Mín.		222 *			301 *	344 *		156 *	141 *	91 *	41 *	
Día		17			14	28		31	vv	31	30	
Hora		16			17	16		14		9	9	
Nivel Medio	607	519	639	572	515	544	245	174	148	122	92	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H407	PULA EN PALIZADA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	392 *	391 *		398 *	396 *	293 *	228 *	165 *	104 *	89 *	79 *	82 *
2	393 *	393 *		394 *	392 *	295 *	226 *	163 *	102 *	88 *	76 *	78 *
3	393 *	396 *		391 *	387 *	296 *	224 *	161 *		87 *	75 *	78 *
4	387 *	398 *			382 *	297 *	222 *	159 *		87 *	74 *	73 *
5	386 *	399 *			376 *	294 *	219 *	158 *		86 *	74 *	68 *
6	398 *				372 *	291 *	216 *	156 *		85 *	73 *	67 *
7						289 *	214 *	154 *		85 *	73 *	66 *
8						287 *	212 *	152 *		84 *	72 *	65 *
9	398 *	397 *				285 *	209 *	150 *		84 *	71 *	65 *
10	397 *	392 *				283 *	207 *	148 *		83 *	79 *	65 *
11	397 *	387 *				280 *	205 *	146 *		83 *	79 *	64 *
12		382 *				276 *	203 *	144 *	103 *	82 *	78 *	63 *
13		379 *				273 *	196 *	142 *	106 *	83 *	78 *	
14	399 *	375 *				270 *	195 *	140 *	106 *	83 *	77 *	
15	398 *	388 *				267 *	197 *	138 *	104 *	82 *	82 *	
16		384 *				265 *	195 *	136 *	104 *	82 *	83 *	
17		368 *				263 *	193 *	133 *	103 *	81 *	82 *	
18		364 *				260 *	191 *	132 *	104 *	81 *	83 *	
19		359 *				258 *	189 *	130 *	106 *	81 *	84 *	
20		355 *				255 *	187 *	128 *	107 *	80 *	85 *	
21		367 *				253 *	186 *	126 *	108 *	80 *	86 *	
22	399 *	373 *				250 *	185 *	124 *	109 *	80 *	87 *	
23	398 *	382 *				248 *	183 *	122 *	100 *	79 *	88 *	
24	396 *	389 *				246 *	180 *	120 *	92 *	79 *	89 *	
25	381 *	392 *				243 *	178 *	118 *	92 *	75 *	89 *	
26	394 *	395 *				242 *	176 *	116 *	94 *	79 *	90 *	
27	390 *	397 *				239 *	174 *	114 *	95 *	79 *	91 *	
28	385 *	394 *				237 *	172 *	112 *	97 *	78 *	89 *	
29	381 *					235 *	175 *	110 *	98 *	74 *	88 *	
30	384 *					233 *	169 *	108 *	99 *	78 *	87 *	
31	389 *						167 *	106 *		78 *		
Nivel Max.						297 *	228 *	165 *		89 *	91 *	
Día						4	1	1		1	27	
Hora						7	7	7		7	7	
Nivel Mín.						232 *	166 *	105 *		70 *	70 *	
Día						30	31	31		29	9	
Hora						18	18	18		7	18	
Nivel Medio	392	384				266	196	135	101	82	81	

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

TOACHI AJ BABA													
H414	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	207	197	201	180 *	190 *	227 *	66 *	49 *	26 *			
	2	189	197	197	Crecida	171 *	162 *	64 *	48 *	24 *			
	3	208	207	199	205 *	151 *	155 *	61 *	47 *	24 *			
	4	208	209	194	205 *	131 *	137 *	61 *	45 *	25 *			
	5	214	201	203	188 *	126 *	140 *	59 *	46 *	24 *			
	6	208	215	202	236 *	117 *	140 *	57 *	46 *	23 *			
	7	217	192	194	216 *	107 *	129 *	63 *	52 *	22 *			
	8	208	210	201	243 *	106 *	126 *	61 *	58 *	20 *			
	9	217	210	191	164 *	104 *	202 *	123 *	61 *	21 *			
	10	186	184	195	259 *	183 *	175 *	87 *	62 *				
	11	197	177	199	207 *	171 *	125 *	77 *	52 *				
	12	193	177	193 *	190 *	164 *	99 *	72 *	49 *				
	13	202	186	190 *	170 *	145 *	110 *	68 *	44 *				
	14	212	178	240 *	209 *	140 *	105 *	66 *	100 *				
	15	199	182	238 *	243 *	136 *	95 *	64 *	85 *				
	16	200	196		169 *		97 *	66 *	70 *				
	17	210	199	213 *	238 *	112 *	106 *	67 *	53 *				
	18	214	192	182 *	192 *	97 *	133 *	67 *	47 *				
	19	193	204	185 *	197 *	97 *	111 *	67 *	40 *				
	20	212	203	186 *	184 *	103 *	113 *	69 *	39 *				
	21	216	189	194 *	177 *	101 *	121 *	72 *	38 *				
	22	215	192	197 *	168 *	97 *	108 *	75 *	37 *				
	23	208	201	254 *	164 *	99 *	89 *	71 *	36 *				
	24	199	198	182 *	157 *	97 *	76 *	67 *	35 *				
	25	187	201	173 *	189 *	110 *	84 *	59 *	33 *				
	26	208	196	179 *	182 *	220 *	91 *	58 *	32 *				
	27	212	198	167 *	172 *	Crecida	103 *	51 *	29 *				
	28	216	197	154 *	152 *	250 *	84 *	51 *	29 *				
	29	206		157 *	199 *	179 *	73 *	49 *	28 *				
	30	206		174 *	167 *	217 *	70 *	48 *	28 *				
	31	199		Crecida		281 *		49 *	27 *				
Nivel Max.	220	217	Crecida	Crecida	Crecida	232 *	135 *	100 *					
Día	7	6	31	2	27	1	9	14					
Hora	18	19				7	17	17					
Nivel Mín.	110	91		152		69 *	48 *	26 *					
Día	25	10		28		30	30	31					
Hora	7	16				17	17	17					
Nivel Medio	205	196	199	199	150	119	65	46					

NOTA: * DATOS LIMNIMETRICOS

1998

1998													
H415		SAN PABLO EN LA MANA											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	44 *	41 *	43 *	28 *	-24 *	2 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	2	34 *	38 *	37 *	13 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	3	35 *	33 *	37 *	6 *	24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	4	43 *	29 *	47 *	1 *	35 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	5	33 *	27 *	35 *	1 *	21 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	6	66 *	24 *	48 *	1 *	-8 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	7	51 *	34 *	43 *	1 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	8	38 *	61 *	43 *	0 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	9	34 *	71 *	43 *	0 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	10	40 *	61 *	37 *	0 *	14 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	11	34 *	53 *	36 *	0 *	-6 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	12	49 *	52 *	49 *	0 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	13	37 *	43 *	71 *	1 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	14	34 *	43 *	64 *	19 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	15	31 *	48 *	52 *	0 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	16	51 *	45 *	60 *	0 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	17	57 *	52 *	50 *	11 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	18	43 *	45 *	43 *	0 *	2 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	19	45 *	43 *	47 *	0 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	20	43 *	43 *	40 *	8 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	21	31 *	56 *	37 *	12 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	22	36 *	45 *	43 *	5 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	23	52 *	49 *	54 *	3 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	24	36 *	36 *	46 *	0 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	25	44 *	35 *	43 *	0 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	26	31 *	51 *	49 *	-12 *	1 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	27	35 *	53 *	55 *	-24 *	33 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	28	33 *	45 *	45 *	-24 *	18 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	29	32 *		65 *	-24 *	9 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	30	34 *		47 *	-24 *	5 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	31	60 *		37 *		36 *		-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	Nivel Max.	84 *	81 *	101 *	38 *	95 *	3 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	Día	6	9	13	14	31	1	vv	vv	vv	vv	vv	vv
	Hora	7	17	17	17	17	7						
	Nivel Mín.	31 *	21 *	31 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *	-24 *
	Día	vv	6	31	vv	vv	vv	vv	vv	vv	vv	vv	vv
	Hora		7	17									
	Nivel Medio	41	45	46	0	-8	-23	-24	-24	-24	-24	-24	-24

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H418	SUQUIBI AJ NAVES											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	142 *	155 *	152 *	145 *	136 *	100 *	67 *					
2	131 *	155 *	161 *	144 *	132 *	100 *	66 *					
3	141 *	146 *	159 *	142 *	133 *	97 *	65 *					
4	137 *	148 *	144 *	140 *	146 *	99 *	61 *					
5	152 *	153 *	157 *	139 *	141 *	99 *	60 *					
6	160 *	160 *	157 *	138 *	135 *	97 *	60 *					
7	153 *	151 *	160 *	139 *	134 *	95 *	58 *					
8	159 *	160 *	145 *	136 *	137 *	91 *	57 *					
9	160 *	160 *	159 *	137 *	140 *	90 *						
10	152 *	151 *	157 *	135 *	137 *	89 *						
11	150 *	144 *	158 *	132 *	138 *	88 *						
12	159 *	154 *	159 *	125 *	143 *	87 *						
13	160 *	159 *	145 *	133 *	134 *	81 *						
14	157 *	150 *	145 *	131 *	150 *	79 *						
15	153 *	160 *	157 *	127 *	134 *	79 *						
16	159 *	154 *	162 *	129 *	134 *	78 *						
17	162 *	163 *		134 *	136 *	79 *						
18	161 *	163 *	147 *	132 *	135 *	78 *						
19	165 *	159 *	154 *	124 *	125 *	78 *						
20	158 *	162 *	156 *	126 *	124 *	76 *						
21	163 *	154 *	147 *	121 *	119 *	74 *						
22	159 *	158 *	157 *	124 *	117 *	72 *						
23	144 *	162 *	162 *	127 *	116 *	74 *						
24	158 *	157 *	148 *	128 *	115 *	72 *						
25	155 *	164 *	148 *	131 *	116 *	74 *						
26	155 *	154 *	153 *	135 *	118 *	72 *						
27	155 *	154 *	154 *		113 *	71 *						
28	149 *	159 *	161 *		112 *	68 *						
29	149 *		146 *		108 *	68 *						
30	158 *		152 *	133 *	102 *	68 *						
31	159 *		162 *		100 *							
Nivel Max.	165 *	165 *			158 *	100 *						
Día	19	23			14	vv						
Hora	7	7			7							
Nivel Mín.	127 *	140 *			100 *	68 *						
Día	2	3			31	vv						
Hora	7	7			18							
Nivel Medio	154	156	154	133	128	82						

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H433	NUEVO EN EL COROZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	138 *	70 *	220 *	76 *	218 *	101 *	58 *	54 *	52 *	50 *	47 *	45 *
2	128 *	425 *	150 *	233 *	121 *	113 *	58 *	54 *	52 *	50 *	47 *	45 *
3	118 *	113 *	113 *	193 *	90 *	106 *	57 *	54 *	52 *	50 *	47 *	45 *
4	130 *	120 *	91 *	113 *	63 *	105 *	57 *	54 *	52 *	50 *	47 *	45 *
5	105 *	120 *	57 *	72 *	49 *	93 *	57 *	54 *	52 *	50 *	47 *	45 *
6	108 *	170 *	39 *	50 *	133 *	85 *	57 *	54 *	52 *	50 *	47 *	45 *
7	125 *	203 *	293 *	127 *	111 *	85 *	57 *	54 *	52 *	50 *	47 *	45 *
8	108 *	172 *	130 *	223 *	78 *	85 *	57 *	54 *	52 *	50 *	47 *	45 *
9	128 *	140 *	108 *	266 *	219 *	85 *	57 *	54 *	52 *	50 *	47 *	45 *
10	133 *	115 *	88 *	263 *	144 *	85 *	57 *	54 *	52 *	50 *	47 *	45 *
11	108 *	118 *	72 *	215 *	130 *	80 *	56 *	53 *	51 *	49 *	47 *	44 *
12	135 *	202 *	211 *	195 *	186 *	80 *	56 *	53 *	51 *	49 *	47 *	44 *
13	115 *	139 *	266 *	251 *	164 *	80 *	56 *	53 *	51 *	49 *	46 *	44 *
14	114 *	113 *	121 *	252 *	249 *	80 *	56 *	53 *	51 *	49 *	46 *	44 *
15	115 *	240 *	94 *	221 *	238 *	80 *	56 *	53 *	51 *	49 *	46 *	44 *
16	181 *	158 *	213 *	217 *	196 *	80 *	56 *	53 *	51 *	49 *	46 *	44 *
17	240 *	113 *	173 *	208 *	225 *	76 *	56 *	53 *	51 *	49 *	46 *	44 *
18	170 *	110 *	240 *	229 *	176 *	76 *	56 *	53 *	51 *	49 *	46 *	44 *
19	115 *	115 *	228 *	233 *	199 *	76 *	56 *	53 *	51 *	49 *	46 *	44 *
20	108 *	106 *	253 *	226 *	121 *	70 *	56 *	53 *	51 *	49 *	46 *	44 *
21	118 *	58 *	260 *	229 *	100 *	63 *	55 *	53 *	51 *	49 *	46 *	43 *
22	110 *	220 *	138 *	252 *	100 *	60 *	55 *	53 *	51 *	49 *	46 *	43 *
23	100 *	203 *	175 *	160 *	100 *	60 *	55 *	53 *	51 *	48 *	45 *	43 *
24	133 *	53 *	100 *	114 *	80 *	60 *	55 *	53 *	51 *	48 *	45 *	43 *
25	320 *	156 *	160 *	129 *	75 *	60 *	55 *	52 *	50 *	48 *	45 *	43 *
26	138 *	111 *	200 *	115 *	53 *	60 *	55 *	52 *	50 *	48 *	45 *	42 *
27	105 *	286 *	128 *	125 *	138 *	60 *	55 *	52 *	50 *	48 *	45 *	42 *
28	280 *	110 *	103 *	115 *	110 *	60 *	55 *	52 *	50 *	48 *	45 *	42 *
29	133 *		133 *	239 *	123 *	58 *	55 *	52 *	50 *	48 *	45 *	42 *
30	108 *		231 *	234 *	115 *	58 *	55 *	52 *	50 *	48 *	45 *	42 *
31	103 *		113 *				55 *	52 *		48 *		42 *
Nivel Max.	380 *	520 *	355 *	284 *		116 *	58 *	54 *	52 *	50 *	47 *	45 *
Día	25	2	7	10		2	vv	vv	vv	vv	vv	vv
Hora	7	7	7	7		7						
Nivel Mín.	100 *	40 *	35 *	50 *		58 *	55 *	52 *	50 *	48 *	45 *	42 *
Día	23	24	6	6		vv	vv	vv	vv	vv	vv	vv
Hora	7	18	18	7								
Nivel Medio	138	152	158	186	137	77	56	53	51	49	46	44

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H434	VALDIVIA EN EL SUSPIRO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	58 *	78 *	68 *	147 *	207 *	150 *	98 *	108 *	86 *	85 *		
2	63 *	90 *	115 *	176 *	208 *	150 *	103 *	107 *	86 *	98 *		
3	59 *	67 *	112 *	176 *	197 *	144 *	107 *	106 *	87 *	94 *		
4	57 *	50 *	104 *	180 *	190 *	144 *	106 *	105 *	87 *	80 *		
5	56 *	43 *	122 *	163 *	174 *	144 *	104 *	104 *	87 *	80 *		
6	56 *	113 *	137 *	172 *	157 *	143 *	104 *	104 *	87 *	80 *		
7	54 *	105 *	137 *	183 *	143 *	139 *	104 *	100 *	87 *	80 *		
8	53 *	126 *	136 *	176 *	132 *	138 *	104 *	100 *	86 *	81 *		
9	52 *	108 *	136 *	157 *	133 *	141 *	107 *	100 *	85 *	81 *		
10	49 *	98 *	254 *	152 *	162 *	133 *	112 *	100 *	85 *	82 *		
11	44 *	87 *	193 *	171 *	168 *	128 *	112 *	97 *	84 *	83 *		
12	64 *	72 *	205 *	164 *	162 *	127 *	112 *	96 *	84 *			
13	63 *	58 *	165 *	158 *	152 *	126 *	113 *	94 *	84 *			
14	54 *	68 *	249 *	150 *	158 *	124 *	114 *	94 *	83 *			
15	181 *	57 *	216 *	191 *	171 *	121 *	115 *	94 *	83 *			
16	151 *	50 *	181 *	174 *	160 *	120 *	115 *	94 *	84 *			
17	116 *	50 *	148 *	195 *	150 *	116 *	113 *	94 *	84 *			
18	91 *	53 *	134 *	191 *	150 *	117 *	113 *	91 *	83 *			
19	82 *	51 *	114 *	208 *	149 *	114 *	113 *	91 *	83 *			
20	74 *	51 *	155 *	216 *	151 *	112 *	112 *	90 *	82 *			
21	83 *	51 *	134 *	210 *	149 *	110 *	112 *	90 *	82 *			
22	86 *	54 *	128 *	194 *	143 *	108 *	111 *	90 *	81 *			
23	84 *	54 *	148 *	198 *	139 *	106 *	110 *	90 *	80 *			
24	78 *	57 *	142 *	186 *	138 *	106 *	110 *	90 *	80 *			
25	68 *	78 *	124 *	192 *	137 *	106 *	108 *	90 *	80 *			
26	76 *	75 *	134 *	181 *	137 *	104 *	108 *	90 *	82 *			
27	91 *	72 *	120 *	167 *	150 *	103 *	108 *	88 *	82 *			
28	110 *	69 *	112 *	172 *	153 *	103 *	108 *	87 *	84 *			
29	94 *		111 *	159 *	154 *	102 *	108 *	86 *	86 *			
30	78 *		108 *	210 *	152 *	100 *	108 *	86 *	86 *			
31	59 *		125 *		151 *		108 *	86 *				
Nivel Max.	182 *	126 *	254 *	221 *	212 *	150 *	115 *	108 *	87 *			
Día	15	8	10	20	2	vv	vv	1	vv			
Hora	7	17	17	7	7			17				
Nivel Mín.	42 *	40 *	68 *	120 *	132 *	98 *	98 *	86 *	80 *			
Día	11	5	1	1	8	30	1	vv	vv			
Hora	7	17	17	7	17	17	17					
Nivel Medio	77	71	144	179	157	123	109	95	84			

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H447	BULUBULU AJ PAYO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	283 *	291 *	357 *	354 *	355 *	349 *	245 *	228 *	212 *	195 *	178 *	165 *
2	278 *	285 *	357 *	323 *	363 *	347 *	245 *	227 *	212 *	194 *	178 *	165 *
3	274 *	272 *	319 *	372 *	466 *	326 *	254 *	227 *	212 *	194 *	177 *	164 *
4	265 *	350 *	314 *	362 *	409 *	312 *	260 *	227 *	212 *	193 *	176 *	164 *
5	288 *	327 *	322 *	395 *	345 *	291 *	255 *	227 *	210 *	193 *	176 *	163 *
6	291 *	407 *	422 *	385 *	350 *	294 *	251 *	226 *	209 *	193 *	176 *	162 *
7	280 *	325 *	348 *	335 *	325 *	298 *	247 *	226 *	209 *	192 *	175 *	162 *
8	278 *	313 *	306 *	346 *	315 *	304 *	274 *	224 *	208 *	192 *	175 *	162 *
9	274 *	442 *	307 *	308 *	335 *	302 *	248 *	225 *	207 *	191 *	174 *	161 *
10	299 *	301 *	359 *	320 *	342 *	283 *	255 *	223 *	207 *	191 *	174 *	161 *
11	297 *	287 *	309 *	366 *	326 *	277 *	255 *	222 *	206 *	190 *	173 *	161 *
12	283 *	276 *	352 *	374 *	341 *	265 *	254 *	221 *	205 *	189 *	174 *	160 *
13	316 *	280 *	372 *	390 *	324 *	258 *	252 *	220 *	205 *	188 *	172 *	160 *
14	277 *	400 *	300 *	396 *	313 *	265 *	251 *	221 *	204 *	188 *	172 *	160 *
15	371 *	308 *	355 *	402 *	313 *	264 *	248 *	221 *	204 *	187 *	172 *	159 *
16	308 *	284 *	306 *	360 *	304 *	270 *	247 *	219 *	203 *	187 *	172 *	168 *
17	299 *	277 *	422 *	464 *	301 *	267 *	246 *	218 *	203 *	186 *	171 *	166 *
18	306 *	368 *	358 *	394 *	304 *	255 *	246 *	218 *	202 *	185 *	171 *	163 *
19	309 *	348 *	304 *	398 *	300 *	256 *	245 *	218 *	202 *	185 *	170 *	165 *
20	284 *	304 *	306 *	350 *	291 *	271 *	246 *	217 *	201 *	184 *	170 *	164 *
21	304 *	332 *	307 *	340 *	295 *	264 *	244 *	217 *	201 *	184 *	169 *	164 *
22	298 *	440 *	301 *	323 *	285 *	266 *	242 *	217 *	201 *	184 *	169 *	163 *
23	281 *	403 *	311 *	432 *	284 *	253 *	240 *	215 *	200 *	183 *	169 *	163 *
24	315 *	417 *	305 *	329 *	276 *	258 *	238 *	215 *	200 *	183 *	168 *	163 *
25	443 *	286 *	296 *	408 *	276 *	256 *	238 *	215 *	199 *	182 *	168 *	163 *
26	337 *	322 *	294 *	331 *	399 *	256 *	236 *	214 *	199 *	182 *	167 *	164 *
27	287 *	452 *	298 *	321 *	457 *	287 *	236 *	214 *	199 *	181 *	167 *	164 *
28	284 *	365 *	354 *	351 *	348 *	273 *	234 *	214 *	198 *	181 *	166 *	164 *
29	288 *		392 *	323 *	315 *	263 *	231 *	213 *	197 *	180 *	166 *	165 *
30	288 *		327 *	437 *	307 *	255 *	230 *	213 *	195 *	179 *	166 *	167 *
31	279 *		447 *		346 *		230 *	213 *		178 *		169 *
Nivel Max.	474 *	488 *	496 *	496 *	498 *	365 *	292 *	228 *	212 *	195 *	178 *	169 *
Día	25	27	31	17	27	1	8	1	vv	1	vv	31
Hora	7	18	7	7	7	7	7	7		7		18
Nivel Mín.	261 *	266 *	287 *	298 *	274 *	241 *	230 *	212 *	195 *	178 *	166 *	158 *
Día	4	3	27	10	25	23	vv	31	30	31	vv	14
Hora	7	18	7	7	7	7		18	18	7		18
Nivel Medio	299	338	336	366	332	279	246	220	204	187	172	163

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H448		PAYO AJ BULUBULU											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	328 *	399 *	458 *	308 *	341 *	406 *	348 *	236 *				
	2	344 *	420 *	448 *	316 *	344 *	405 *	350 *	240 *				
	3	352 *	438 *	435 *	322 *	341 *	410 *	355 *	234 *				
	4	365 *	446 *	425 *	330 *	343 *	407 *	362 *	236 *				
	5	402 *	430 *	415 *	343 *	301 *	402 *	331 *	246 *				
	6	425 *	441 *	458 *	336 *	314 *	412 *	366 *	245 *				
	7	442 *	423 *	521 *	328 *	319 *	414 *	282 *	249 *				
	8	472 *	385 *	521 *	317 *	319 *	407 *	282 *	271 *				
	9	469 *	371 *	507 *	310 *	293 *	405 *	284 *	279 *				
	10	451 *	353 *	490 *	296 *	260 *	460 *	285 *	221 *				
	11	427 *	336 *	475 *	290 *	234 *	459 *	317 *	226 *				
	12	389 *	350 *	463 *	287 *	240 *	463 *	283 *	230 *				
	13	351 *	420 *	450 *	276 *	242 *	456 *	281 *	232 *				
	14	317 *	444 *	431 *	265 *	229 *	456 *	281 *	235 *				
	15	331 *	517 *	413 *	258 *	226 *	455 *	279 *	243 *				
	16	352 *	529 *	389 *	251 *	223 *	485 *	279 *	244 *				
	17	369 *	518 *	379 *	243 *	547 *	513 *	258 *	211 *				
	18	386 *	454 *	369 *	238 *	528 *	516 *	229 *	207 *				
	19	374 *	530 *	356 *	232 *	542 *	509 *	261 *	211 *				
	20	383 *	539 *	335 *	227 *	501 *	498 *	265 *	217 *				
	21	350 *	574 *	314 *	220 *	513 *	498 *	266 *	219 *				
	22	318 *	578 *	300 *	213 *	516 *	473 *	279 *	218 *				
	23	293 *	566 *	290 *	224 *	472 *	480 *	281 *	226 *				
	24	328 *	550 *	277 *	235 *	451 *	484 *	279 *	226 *				
	25	457 *	533 *	264 *	241 *	415 *	489 *	281 *	231 *				
	26	417 *	509 *	245 *	248 *	438 *	436 *	289 *	244 *				
	27	453 *	490 *	239 *	255 *	438 *	444 *	292 *	234 *				
	28	455 *	472 *	258 *	284 *	402 *	441 *	286 *	229 *				
	29	433 *		269 *	316 *	407 *	444 *	296 *	229 *				
	30	403 *		278 *	324 *	393 *	427 *	301 *	232 *				
	31	382 *		292 *		389 *		275 *	219 *				
	Nivel Max.	478 *	589 *	525 *	345 *	596 *	599 *	399 *	330 *				
	Día	8	21	8	5	17	19	6	9				
	Hora	18	18	7	18	18	7	18	18				
	Nivel Min.	288 *	331 *	236 *	211 *	219 *	319 *	217 *	205 *				
	Día	23	11	27	22	16	15	10	4				
	Hora	18	18	7	18	18	7	18	7				
	Nivel Medio	387	465	379	278	371	452	293	233				

NOTA: * DATOS LIMNIMETRICOS

1998

1998													
H451		TAURA EN TAURA											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	432 *	294 *	121 *	261 *	128 *	44 *	54 *	69 *	48 *			
	2	427 *	409 *	129 *	198 *	126 *	44 *	57 *	69 *	49 *			
	3	467 *	351 *	128 *	229 *	138 *	43 *	53 *	66 *	47 *			
	4	464 *	338 *	123 *	227 *	147 *	50 *	55 *	64 *	50 *			
	5	433 *	298 *	129 *	218 *	144 *	45 *	74 *	59 *	46 *			
	6	420 *	279 *	128 *	234 *	139 *	52 *	71 *	49 *	50 *			
	7	453 *	254 *	134 *	210 *	137 *	49 *	68 *	48 *	43 *			
	8	405 *	250 *	132 *	208 *	117 *	52 *	67 *	41 *	39 *			
	9	403 *	229 *	132 *	204 *	118 *	53 *	65 *	46 *	38 *			
	10	398 *	320 *	134 *	199 *	116 *	61 *	60 *	48 *	47 *			
	11	351 *	254 *	254 *	177 *	101 *	66 *	59 *	44 *	46 *			
	12	378 *	241 *	190 *	187 *	112 *	62 *	56 *	49 *	49 *			
	13	372 *	230 *	195 *	214 *	115 *	62 *	59 *	55 *	60 *			
	14	367 *	166 *	190 *	216 *	109 *	55 *	51 *	53 *	61 *			
	15	308 *	126 *	187 *	210 *	110 *	47 *	47 *	54 *	57 *			
	16	345 *	142 *	164 *	198 *	108 *	44 *	55 *	50 *	50 *			
	17	301 *	170 *	287 *	187 *	130 *	69 *	50 *	55 *	53 *			
	18	252 *	162 *	286 *	213 *	120 *	70 *	56 *	59 *	58 *			
	19	317 *	159 *	254 *	212 *	120 *	68 *	54 *	56 *	64 *			
	20	350 *	157 *	255 *	220 *	111 *	61 *	51 *	51 *	63 *			
	21	379 *	153 *	276 *	200 *	116 *	60 *	58 *	45 *	56 *			
	22	282 *	151 *	292 *	200 *	117 *	57 *	58 *	44 *	56 *			
	23	281 *	154 *	331 *	194 *	120 *	54 *	57 *	40 *	71 *			
	24	269 *	155 *	327 *	176 *	149 *	53 *	68 *	38 *	73 *			
	25	261 *	145 *	287 *	175 *	143 *	60 *	62 *	36 *	69 *			
	26	251 *	163 *	329 *	204 *	144 *	54 *	59 *	40 *	64 *			
	27	394 *	160 *	313 *	202 *	144 *	52 *	58 *	45 *	61 *			
	28	475 *	157 *	281 *	241 *	141 *	46 *	52 *	51 *	48 *			
	29	473 *		284 *	256 *	182 *	44 *	51 *	49 *	48 *			
	30	346 *		312 *	195 *	178 *	46 *	49 *	56 *	48 *			
	31	280 *		305 *		210 *		56 *	52 *				
	Nivel Max.	500 *	419 *	389 *	300 *	220 *	75 *	79 *	74 *	78 *			
	Día	28	2	26	6	31	18	5	2	23			
	Hora	17	7	17	7	17	7	7	7	7			
	Nivel Mín.	214 *	120 *	120 *	118 *	47 *	31 *	40 *	30 *	35 *			
	Día	18	15	1	27	11	3	15	25	8			
	Hora	17	17	17	17	17	17	17	17	17			
	Nivel Medio	365	216	222	209	132	54	57	51	53			

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H466 SILANTE EN INGAPIRCA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	40 *	50 *	77 *	82 *	59 *	60 *	83 *	79 *	48 *	36 *	64 *	36 *
2	43 *	48 *	59 *	67 *	56 *	82 *	85 *	76 *	47 *	34 *	71 *	37 *
3	40 *	48 *	58 *	73 *	54 *	77 *	86 *	70 *	47 *	34 *	66 *	35 *
4	40 *	50 *	58 *	75 *	68 *	78 *	79 *	60 *	47 *	32 *	86 *	34 *
5	40 *	45 *	58 *	79 *	89 *	80 *	74 *	84 *	47 *	32 *	93 *	32 *
6	47 *	45 *	58 *	68 *	77 *	74 *	68 *	71 *	47 *	38 *	74 *	34 *
7	34 *	42 *	68 *	60 *	75 *	71 *	67 *	65 *	47 *	47 *	68 *	43 *
8	28 *	53 *	48 *	60 *	74 *	72 *	65 *	61 *	46 *	48 *	56 *	51 *
9	33 *	57 *	57 *	66 *	64 *	71 *	78 *	69 *	45 *	45 *	60 *	48 *
10	57 *	60 *	58 *	82 *	67 *	67 *	85 *	66 *	45 *	44 *	59 *	45 *
11	62 *	75 *	58 *	71 *	83 *	64 *	115 *	63 *	52 *	42 *	62 *	41 *
12	64 *	58 *	59 *	72 *	68 *	63 *	130 *	60 *	46 *	45 *	58 *	38 *
13	60 *	55 *	60 *	67 *	68 *	61 *	115 *	58 *	44 *	42 *	77 *	35 *
14	65 *	52 *	74 *	65 *	64 *	60 *	80 *	58 *	44 *	31 *	70 *	33 *
15	61 *	49 *	70 *	60 *	62 *	59 *	78 *	57 *	43 *	30 *	66 *	30 *
16	60 *	47 *	69 *	60 *	60 *	58 *	73 *	54 *	41 *	42 *	65 *	43 *
17	58 *	44 *	59 *	59 *	60 *	58 *	75 *	58 *	40 *	50 *	53 *	43 *
18	44 *	50 *	58 *	57 *	65 *	58 *	74 *	58 *	38 *	45 *	60 *	42 *
19	43 *	48 *	54 *	55 *	57 *	66 *	88 *	55 *	38 *	37 *	53 *	40 *
20	65 *	49 *	48 *	65 *	52 *	72 *	88 *	51 *	39 *	44 *	57 *	40 *
21	59 *	47 *	48 *	65 *	49 *	80 *	90 *	50 *	39 *	48 *	56 *	39 *
22	53 *	47 *	45 *	62 *	50 *	77 *	143 *	50 *	38 *	58 *	56 *	36 *
23	50 *	44 *	45 *	65 *	47 *	73 *	192 *	54 *	38 *	65 *	55 *	33 *
24	50 *	41 *	45 *	63 *	45 *	70 *	111 *	54 *	38 *	65 *	55 *	33 *
25	45 *	43 *	54 *	56 *	45 *	65 *	111 *	52 *	38 *	90 *	51 *	30 *
26	39 *	43 *	55 *	54 *	45 *	71 *	115 *	55 *	37 *	87 *	44 *	30 *
27	38 *	45 *	55 *	56 *	82 *	65 *	96 *	57 *	37 *	80 *	46 *	30 *
28	38 *	44 *	57 *	55 *	68 *	87 *	93 *	57 *	37 *	75 *	45 *	28 *
29			77 *	55 *	60 *	87 *	88 *	53 *	37 *	76 *	42 *	28 *
30			79 *	55 *	60 *	86 *	78 *	55 *	37 *	71 *	40 *	33 *
31			75 *		64 *		78 *	58 *		63 *		36 *
Nivel Max.		80 *	88 *	95 *	89 *	92 *	197 *	85 *	58 *	115 *	106 *	53 *
Día		11	1	10	5	28	23	5	11	25	4	7
Hora		17	7	17	7	17	17	7	17	17	17	7
Nivel Mín.		35 *	45 *	50 *	45 *	57 *	64 *	50 *	37 *	30 *	40 *	28 *
Día		17	vv	26	vv	18	8	vv	vv	15	29	vv
Hora		17		17		17				7	17	
Nivel Medio	48	49	59	64	62	70	93	60	42	51	60	37

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H467 VENDELECHE EN HDA.LA CURIA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	74 *	90 *	90 *	76 *	74 *	95 *	127 *	107 *	96 *	70 *	87 *	68 *
2	77 *	81 *	92 *	78 *	77 *	89 *	137 *	115 *	94 *	69 *	85 *	67 *
3	74 *	78 *	90 *	79 *	75 *	85 *	101 *	114 *	94 *	69 *	84 *	66 *
4	73 *	79 *	87 *	82 *	75 *	95 *	104 *	127 *	95 *	70 *	84 *	66 *
5	79 *	77 *	87 *	84 *	77 *	103 *	99 *	118 *	88 *	71 *	84 *	68 *
6	81 *	80 *	86 *	82 *	77 *	95 *	101 *	112 *	87 *	68 *	86 *	68 *
7	79 *	86 *	84 *	80 *	78 *	92 *	101 *	110 *	84 *	68 *	88 *	69 *
8	80 *	88 *	81 *	84 *	82 *	91 *	98 *	108 *	82 *	69 *	86 *	69 *
9	92 *	93 *	83 *	83 *	81 *	92 *	96 *	108 *	80 *	70 *	86 *	68 *
10	101 *	93 *	84 *	86 *	88 *	100 *	97 *	100 *	74 *	74 *	86 *	68 *
11	114 *	86 *	79 *	83 *	87 *	113 *	103 *	103 *	83 *	70 *	86 *	67 *
12	104 *	89 *	75 *	87 *	88 *	134 *	110 *	102 *	85 *	70 *	86 *	68 *
13	101 *	91 *	77 *	88 *	87 *	104 *	162 *	102 *	81 *	70 *	85 *	68 *
14	98 *	94 *	76 *	90 *	87 *	103 *	123 *	100 *	82 *	71 *	87 *	70 *
15	102 *	101 *	76 *	88 *	89 *		117 *	100 *	80 *	70 *	87 *	72 *
16	92 *	109 *	79 *	93 *	91 *		114 *	100 *	82 *	70 *	89 *	71 *
17	94 *	123 *	82 *	94 *	99 *	95 *	121 *	98 *	74 *	69 *	90 *	68 *
18	94 *	110 *	85 *	92 *	101 *	98 *	131 *	98 *	76 *	68 *	91 *	68 *
19	102 *	100 *	86 *	91 *	97 *	83 *	125 *	97 *	76 *	69 *	93 *	67 *
20	129 *	89 *	90 *	90 *	102 *	82 *	132 *	94 *	75 *	69 *	90 *	65 *
21	104 *	87 *	87 *	92 *	106 *	84 *	140 *	95 *	75 *	67 *	91 *	65 *
22	100 *	91 *	81 *	91 *	112 *	93 *	156 *	93 *	74 *	68 *	97 *	66 *
23	97 *	92 *	87 *	91 *	111 *	94 *	146 *	94 *	74 *	69 *	99 *	64 *
24	93 *	92 *	86 *	89 *	105 *	80 *	131 *	91 *	72 *	69 *	98 *	66 *
25	92 *	96 *	80 *	90 *	96 *	109 *	128 *	89 *	71 *	73 *	102 *	67 *
26	90 *	96 *	82 *	86 *	92 *	108 *	133 *	88 *	71 *	74 *	91 *	66 *
27	80 *	92 *	79 *	85 *	93 *	100 *	128 *	87 *	70 *	74 *	90 *	68 *
28	87 *	93 *	75 *	84 *	88 *	106 *	120 *	87 *	72 *	74 *	89 *	69 *
29	89 *		75 *	81 *	101 *	98 *	120 *	92 *	71 *	71 *	88 *	68 *
30	93 *		76 *	80 *	97 *	86 *	115 *	91 *	70 *	72 *	89 *	67 *
31	91 *		75 *		95 *		109 *	90 *		72 *		68 *
Nivel Max.	130 *	130 *	92 *	94 *	118 *		164 *	128 *	96 *	74 *	104 *	73 *
Día	20	17	2	17	22		13	4	1	vv	25	15
Hora	7	7	17	17	17		7	7	7		17	8
Nivel Mín.	73 *	75 *	74 *	76 *	71 *		95 *	86 *	70 *	67 *	83 *	63 *
Día	1	2	29	1	1		9	26	vv	21	2	23
Hora	16	17	16	7	7		7	16		17	17	8
Nivel Medio	92	92	82	86	90	96	120	100	79	70	89	67

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H468	SAN PEDRO EN INGAPIRCA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	87 *	95 *	107 *	99 *	86 *	107 *	165 *	125 *	109 *	88 *	87 *	68 *
2	86 *	87 *	100 *	89 *	86 *	104 *	169 *	130 *	107 *	89 *	85 *	67 *
3	86 *	87 *	96 *	90 *	83 *	100 *	156 *	145 *	104 *	90 *	84 *	66 *
4	95 *	89 *	95 *	91 *	83 *	106 *	145 *	143 *	100 *	91 *	84 *	66 *
5	99 *	95 *	92 *	92 *	87 *	115 *	133 *	146 *	98 *	91 *	84 *	68 *
6	98 *	92 *	92 *	92 *	89 *	104 *	148 *	135 *	98 *	90 *	86 *	68 *
7	91 *	90 *	90 *	97 *	88 *	103 *	128 *	128 *	98 *	91 *	88 *	69 *
8	96 *	100 *	97 *	105 *	99 *	104 *	120 *	126 *	97 *	92 *	86 *	69 *
9	112 *	111 *	98 *	104 *	98 *	101 *	122 *	124 *	97 *	91 *	86 *	68 *
10	153 *	97 *	91 *	100 *	111 *	109 *	145 *	125 *	103 *	91 *	86 *	68 *
11	153 *	97 *	91 *	97 *	96 *	126 *	164 *	122 *	106 *	90 *	86 *	67 *
12	144 *	99 *	89 *	97 *	102 *	124 *	182 *	120 *	104 *	92 *	86 *	68 *
13	136 *	94 *	87 *	98 *	97 *	113 *	154 *	118 *	104 *	93 *	85 *	68 *
14	107 *	99 *	89 *	95 *	89 *	110 *	147 *	116 *	103 *	92 *	87 *	70 *
15	111 *	133 *	88 *	97 *	100 *		140 *	114 *	102 *	91 *	87 *	72 *
16	100 *	150 *	85 *	111 *	104 *		140 *	116 *	105 *	91 *	89 *	71 *
17	105 *	148 *	93 *	103 *	103 *	105 *	175 *	115 *	100 *	90 *	90 *	68 *
18	106 *	133 *	101 *	105 *	115 *	108 *	154 *	110 *	98 *	89 *	91 *	68 *
19	148 *	98 *	104 *	105 *	107 *	106 *	169 *	111 *	97 *	88 *	93 *	67 *
20	165 *	98 *	107 *	101 *	123 *	107 *	177 *	109 *	96 *	88 *	90 *	65 *
21	146 *	94 *	102 *	105 *	120 *	110 *	184 *	108 *	94 *	87 *	91 *	65 *
22	138 *	97 *	98 *	102 *	114 *	100 *	160 *	106 *	94 *	88 *	97 *	66 *
23	125 *	97 *	98 *	101 *	107 *	103 *	194 *	107 *	91 *	87 *	99 *	64 *
24	114 *	99 *	97 *	98 *	99 *	98 *	180 *	107 *	90 *	87 *	98 *	66 *
25	115 *	103 *	96 *	97 *	95 *	114 *	174 *	106 *	90 *	87 *	102 *	67 *
26	107 *	102 *	97 *	95 *	94 *	113 *	160 *	105 *	88 *	91 *	91 *	66 *
27	101 *	104 *	98 *	91 *	92 *	105 *	144 *	104 *	87 *	91 *	90 *	68 *
28	99 *	105 *	94 *	90 *	95 *	108 *	153 *	105 *	88 *	90 *	89 *	69 *
29	106 *		91 *	89 *	132 *	103 *	142 *	108 *	88 *	89 *	88 *	68 *
30	109 *		93 *	88 *	117 *	100 *	130 *	111 *	87 *	89 *	89 *	67 *
31	101 *		90 *		107 *		124 *	110 *		87 *		68 *
Nivel Max.	180 *	160 *	112 *	111 *	145 *		199 *	149 *	109 *	93 *	104 *	73 *
Día	19	16	20	16	29		23	5	1	13	25	15
Hora	17	17	8	18	10		17	7	7	7	17	8
Nivel Mín.	85 *	86 *	85 *	87 *	82 *		118 *	103 *	87 *	86 *	83 *	63 *
Día	3	2	16	30	4		8	27	vv	24	2	23
Hora	8	6	17	17	17		16	16		16	17	8
Nivel Medio	114	103	95	97	100	107	154	118	97	90	89	67

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H471	CAÑAR DJ RAURA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	70 *	65 *	130 *	80 *	80 *	90 *	90 *	40 *	35 *	35 *	80 *	25 *
2	70 *	65 *	140 *	80 *	80 *	90 *	90 *	40 *	35 *	35 *	75 *	20 *
3	60 *	65 *	140 *	80 *	80 *	90 *	90 *	38 *	35 *	35 *	75 *	20 *
4	60 *	70 *	135 *	80 *	80 *	90 *	95 *	35 *	35 *	35 *	70 *	20 *
5	60 *	70 *	135 *	80 *	80 *	90 *	100 *	35 *	35 *	35 *	70 *	20 *
6	60 *	80 *	120 *	80 *	80 *	90 *	100 *	38 *	35 *	35 *	70 *	20 *
7	60 *	80 *	120 *	80 *	80 *	90 *	100 *	40 *	35 *	35 *	65 *	20 *
8	60 *	160 *	110 *	80 *	80 *	90 *	105 *	40 *	35 *	35 *	65 *	20 *
9	60 *	345 *	110 *	80 *	80 *	90 *	120 *	40 *	35 *	35 *	58 *	20 *
10	60 *	185 *	115 *	80 *	80 *	90 *	120 *	40 *	35 *	35 *	50 *	20 *
11	70 *	165 *	115 *	80 *	80 *	90 *	155 *	40 *	35 *	35 *	48 *	20 *
12	70 *	185 *	115 *	80 *	80 *	90 *	160 *	40 *	35 *	35 *	45 *	20 *
13	75 *	135 *	120 *	100 *	80 *	90 *	160 *	40 *	35 *	35 *	45 *	20 *
14	80 *	115 *	130 *	90 *	80 *	90 *	160 *	40 *	35 *	35 *	60 *	20 *
15	75 *	100 *	130 *	80 *	80 *	90 *	160 *	40 *	35 *	35 *	60 *	20 *
16	75 *	90 *	135 *	80 *	80 *	90 *	160 *	40 *	35 *	35 *	60 *	20 *
17	75 *	90 *	230 *	80 *	80 *	90 *	140 *	40 *	35 *	35 *	40 *	20 *
18	75 *	90 *	140 *	80 *	80 *	90 *	140 *	40 *	35 *	35 *	40 *	20 *
19	75 *	90 *	120 *	80 *	80 *	90 *	140 *	35 *	35 *	35 *	40 *	20 *
20	75 *	90 *	120 *	80 *	80 *	90 *	130 *	35 *	35 *	35 *	35 *	20 *
21	75 *	90 *	120 *	80 *	80 *	90 *	130 *	35 *	35 *	35 *	35 *	20 *
22	75 *	90 *	115 *	80 *	80 *	90 *	130 *	40 *	45 *	35 *	35 *	20 *
23	75 *	90 *	100 *	80 *	80 *	90 *	120 *	40 *	45 *	35 *	35 *	20 *
24	78 *	90 *	95 *	80 *	80 *	90 *	120 *	40 *	38 *	58 *	35 *	20 *
25	80 *	90 *	95 *	80 *	80 *	90 *	110 *	40 *	33 *	80 *	35 *	20 *
26	80 *	145 *	90 *	80 *	80 *	90 *	110 *	40 *	30 *	80 *	35 *	20 *
27	80 *	150 *	85 *	80 *	80 *	90 *	110 *	40 *	30 *	80 *	35 *	20 *
28	80 *	150 *	85 *	80 *	80 *	90 *	100 *	40 *	30 *	80 *	30 *	20 *
29	78 *		80 *	80 *	80 *	90 *	100 *	40 *	30 *	85 *	30 *	20 *
30	75 *		80 *	80 *	80 *	90 *	90 *	40 *	30 *	95 *	30 *	20 *
31	75 *		80 *		80 *		90 *	38 *		90 *		20 *
Nivel Max.	80 *	400 *	230 *	100 *	80 *	90 *	170 *	40 *	45 *	95 *	80 *	25 *
Día	vv	9	17	13	vv	vv	11	vv	vv	30	1	1
Hora		6	6	6			17			6	6	6
Nivel Mín.	60 *	65 *	80 *	80 *	80 *	90 *	90 *	35 *	30 *	35 *	30 *	20 *
Día	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora												
Nivel Medio	71	115	117	81	80	90	120	39	35	47	50	20

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H503 TENGUEL EN TENGUEL												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	137 *	94 *	172 *	137 *	135 *	100 *	55 *	46 *	40 *	29 *	24 *	20 *
2	125 *	145 *	144 *	141 *	141 *	127 *	54 *	46 *	39 *	29 *	24 *	20 *
3	104 *	135 *	129 *	109 *	142 *	103 *	54 *	46 *	39 *	29 *	24 *	19 *
4	103 *	159 *	146 *	161 *	146 *	100 *	52 *	46 *	38 *	29 *	24 *	19 *
5	123 *	118 *	146 *	119 *	135 *	92 *	54 *	45 *	38 *	28 *	23 *	19 *
6	143 *	247 *	163 *	114 *	156 *	101 *	54 *	45 *	37 *	28 *	23 *	19 *
7	155 *	154 *	169 *	122 *	128 *	87 *	52 *	44 *	37 *	28 *	23 *	19 *
8	153 *	135 *	143 *	126 *	119 *	91 *	54 *	44 *	37 *	28 *	23 *	19 *
9	159 *	350 *	175 *	118 *	111 *	84 *	53 *	45 *	37 *	28 *	23 *	19 *
10	164 *	245 *	188 *	111 *	139 *	80 *	59 *	46 *	35 *	28 *	23 *	19 *
11	162 *	208 *	147 *	130 *	115 *	79 *	62 *	45 *	35 *	27 *	23 *	19 *
12	170 *	163 *	154 *	146 *	106 *	79 *	61 *	45 *	35 *	27 *	23 *	18 *
13	233 *	130 *	153 *	146 *	101 *	83 *	57 *	45 *	34 *	27 *	22 *	18 *
14	173 *	134 *	166 *	149 *	96 *	80 *	60 *	45 *	34 *	27 *	22 *	18 *
15	153 *	118 *	224 *	154 *	92 *	76 *	60 *	44 *	34 *	27 *	22 *	18 *
16	154 *	104 *	200 *	150 *	94 *	147 *	59 *	42 *	34 *	27 *	22 *	18 *
17	157 *	94 *	294 *	177 *	91 *	89 *	58 *	43 *	34 *	26 *	22 *	18 *
18	135 *	134 *	181 *	169 *	89 *	77 *	58 *	43 *	34 *	26 *	22 *	18 *
19	131 *	126 *	158 *	223 *	91 *	74 *	58 *	42 *	34 *	26 *	21 *	18 *
20	133 *	119 *	159 *	163 *	86 *	72 *	55 *	42 *	34 *	26 *	21 *	18 *
21	147 *	150 *	144 *	155 *	87 *	71 *	52 *	42 *	34 *	26 *	21 *	18 *
22	120 *	197 *	176 *	139 *	96 *	70 *	50 *	42 *	32 *	25 *	21 *	18 *
23	104 *	175 *	153 *	129 *	94 *	70 *	50 *	42 *	32 *	25 *	21 *	17 *
24	170 *	168 *	137 *	124 *	110 *	69 *	50 *	42 *	31 *	25 *	21 *	16 *
25	137 *	149 *	128 *	120 *	100 *	68 *	48 *	41 *	31 *	25 *	20 *	16 *
26	160 *	202 *	117 *	117 *	99 *	66 *	48 *	41 *	31 *	25 *	20 *	16 *
27	121 *	268 *	109 *	112 *	198 *	64 *	48 *	41 *	31 *	25 *	20 *	16 *
28	109 *	166 *	103 *	131 *	116 *	60 *	48 *	41 *	31 *	25 *	20 *	16 *
29	124 *		119 *	119 *	103 *	59 *	47 *	40 *	30 *	24 *	20 *	16 *
30	135 *		129 *	163 *	114 *	57 *	47 *	40 *	34 *	24 *	20 *	15 *
31	117 *		257 *		105 *		47 *	40 *		24 *		15 *
Nivel Max.	256 *	380 *	370 *	245 *	198 *	171 *	64 *	46 *	40 *	29 *	24 *	20 *
Día	13	9	17	19	27	16	11	vv	1	vv	vv	vv
Hora	7	7	7	7	7	7	7		7			
Nivel Mín.	99 *	90 *	100 *	100 *	82 *	55 *	46 *	40 *	30 *	24 *	20 *	15 *
Día	3	17	28	3	20	30	31	vv	29	vv	vv	vv
Hora	17	17	7	7	17	17	17		7			
Nivel Medio	142	164	160	139	114	82	54	43	35	27	22	18

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H507 BONITO EN PTE.CARRETERA(AJ PAGUA)												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1						-23 *	-30 *	-35 *	-47 *	-42 *	-58 *	-47 *
2						18 *	-29 *	-32 *	-58 *	-24 *	-38 *	-56 *
3						-24 *	-28 *	-32 *	-58 *	-23 *	-45 *	-33 *
4						-16 *	-19 *	-34 *	-50 *	-43 *	-56 *	-44 *
5						-24 *	-19 *	-36 *	-43 *	-14 *	-61 *	-54 *
6						-24 *	-29 *	-37 *	-53 *	-22 *	-62 *	-23 *
7						-26 *	-23 *	-37 *	-60 *	-34 *	-65 *	-34 *
8						-23 *	-21 *	-36 *	-63 *	-20 *	-69 *	-63 *
9						-25 *	-32 *	-36 *	-54 *	-53 *	-73 *	-63 *
10						-24 *	-21 *	-38 *	-57 *	-24 *	-63 *	-46 *
11						-24 *	-11 *	-39 *	-59 *	-20 *	-67 *	-32 *
12						-22 *	-18 *	-41 *	-62 *	-13 *	-63 *	-49 *
13						-25 *	-26 *	-44 *	-67 *	-41 *	-71 *	-61 *
14						-17 *	-29 *	-44 *	-63 *	-44 *	-73 *	-24 *
15						-17 *	-27 *	-44 *	-63 *	-53 *	-73 *	-34 *
16						-16 *	-19 *	-47 *	-54 *	-57 *	-76 *	-63 *
17						-23 *	-25 *	-49 *	-35 *	-34 *	-43 *	-61 *
18						-17 *	-31 *	-42 *	-35 *	-34 *	-47 *	-65 *
19						-25 *	-29 *	-45 *	-35 *	-34 *	-54 *	-53 *
20						-23 *	-27 *	-47 *	-24 *	-42 *	-53 *	-71 *
21						-24 *	-18 *	-58 *	-31 *	-53 *	-61 *	-74 *
22						-20 *	-21 *	-57 *	-37 *	-57 *	-48 *	-51 *
23						-29 *	-28 *	-47 *	-23 *	-57 *	-53 *	-60 *
24						-27 *	-31 *	-49 *	-23 *	-57 *	-62 *	-64 *
25						-26 *	-26 *	-56 *	-23 *	-50 *	-71 *	-72 *
26						-24 *	-24 *	-45 *	-37 *	-44 *	-47 *	-47 *
27						-25 *	-23 *	-43 *	-62 *	-61 *	-49 *	-47 *
28						-16 *	-18 *	-46 *	-27 *	-68 *	-53 *	-74 *
29						-16 *	-24 *	-49 *	-42 *	-68 *	-58 *	-67 *
30						-11 *	-25 *	-52 *	-42 *	-71 *	-63 *	-71 *
31							-29 *	-54 *		-72 *		-73 *
Nivel Max.						60 *	-10 *	-30 *	-20 *	-11 *	-38 *	-22 *
Día						2	11	3	3	12	2	6
Hora						17	7	7	7	7	7	7
Nivel Mín.						-30 *	-35 *	-61 *	-68 *	-72 *	-76 *	-76 *
Día						23	6	21	13	31	16	28
Hora						17	17	17	17	7	17	7
Nivel Medio						-20	-24	-43	-46	-43	-59	-54

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998												
H529		JUBONES DJ S.FRANCISCO										
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		202 *	137 *	302 *	401 *	394 *	369 *					
2		205 *	139 *	295 *	405 *	342 *	369 *					
3	202 *	202 *	141 *	291 *	407 *	287 *	280 *					
4	206 *	119 *	146 *	285 *	445 *	250 *	239 *					
5	208 *	119 *	149 *		448 *	232 *	239 *					
6	210 *	117 *	153 *	401 *	397 *	230 *	229 *					
7	212 *	114 *	157 *	424 *	395 *	219 *	230 *					
8	214 *	113 *	159 *	422 *	382 *	227 *	223 *					
9	216 *	115 *	161 *	303 *	385 *	220 *	220 *					
10	218 *	117 *	163 *		369 *	118 *	118 *					
11	220 *	118 *	166 *	310 *	367 *	113 *	112 *					
12	223 *	119 *	169 *	309 *	366 *	113 *	113 *					
13	225 *	121 *	171 *	302 *	362 *	111 *	110 *					
14	229 *	124 *	174 *	252 *	332 *	112 *	110 *					
15	231 *	126 *	176 *	174 *	304 *	107 *	110 *					
16	233 *	128 *	179 *	185 *	305 *	105 *	107 *					
17	234 *	129 *	182 *	195 *	296 *	104 *	105 *					
18	232 *	131 *	185 *	211 *	287 *	104 *	99 *					
19	229 *	133 *	180 *	213 *	275 *	104 *	99 *					
20	227 *	136 *	175 *	217 *	266 *	103 *	101 *					
21	225 *	137 *	173 *	221 *	259 *	109 *	101 *					
22	221 *	138 *	170 *	225 *	248 *	111 *	102 *					
23	219 *	141 *	167 *	229 *	246 *	114 *	106 *					
24	217 *	145 *	165 *	231 *	242 *	114 *	106 *					
25	215 *	145 *	102 *	235 *	238 *	119 *	112 *					
26	216 *	148 *	109 *	236 *	235 *	122 *	113 *					
27	214 *	148 *	112 *	236 *	230 *	129 *	105 *					
28	213 *	140 *	115 *	237 *	230 *	125 *	119 *					
29	212 *		119 *	237 *	259 *	125 *	120 *					
30	215 *		202 *	239 *	248 *	122 *	120 *					
31			207 *		312 *		118 *					
Nivel Max.		205 *	208 *		497 *	398 *	370 *					
Día		2	31		5	1	1					
Hora		18	18		18	18	7					
Nivel Mín.		112 *	100 *		223 *	100 *	98 *					
Día		8	25		31	19	18					
Hora		18	7		18	7	18					
Nivel Medio	219	136	158	265	320	159	155					

NOTA: * DATOS LIMNIMETRICOS

1998													
H530		JUBONES EN USHCURRUMI											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	297 *	286 *	336 *	366 *	335 *	339 *	293 *	292 *	395 *	247 *	262 *	242 *
	2	295 *	284 *	399 *	352 *	346 *	324 *	291 *	288 *	333 *	264 *	252 *	241 *
	3	293 *	283 *	352 *	337 *	347 *	370 *	323 *	285 *	290 *	262 *	262 *	240 *
	4	289 *	282 *	352 *	377 *	413 *	347 *	316 *	295 *	262 *	259 *	271 *	238 *
	5	305 *	281 *	327 *		635 *	341 *	304 *	290 *	261 *	257 *	262 *	235 *
	6	307 *	280 *	314 *	341 *	493 *	337 *	296 *	283 *	260 *	253 *	259 *	234 *
	7	307 *	279 *	308 *	354 *	412 *	332 *	291 *	283 *	265 *	249 *	262 *	233 *
	8	363 *	288 *	298 *	340 *	417 *	323 *	289 *	294 *	263 *	250 *	276 *	232 *
	9	316 *	334 *	331 *	329 *	401 *	317 *	287 *	288 *	266 *	296 *	270 *	230 *
	10	308 *	309 *	322 *	319 *		312 *	285 *	286 *	264 *	277 *	262 *	230 *
	11	305 *	303 *	330 *	313 *	371 *	308 *	329 *	282 *	262 *	269 *	260 *	229 *
	12	300 *	340 *	412 *	352 *	362 *	330 *	352 *	278 *	261 *	265 *	256 *	228 *
	13	311 *	308 *	458 *	344 *	356 *	341 *	312 *	277 *	260 *	253 *	274 *	227 *
	14	306 *	305 *	393 *	433 *	348 *	316 *	297 *	275 *	262 *	249 *	307 *	
	15	302 *	297 *	384 *	375 *	346 *	305 *	289 *	272 *	261 *	247 *		277 *
	16	294 *	296 *	369 *	380 *	344 *	295 *	286 *	269 *	260 *	245 *	281 *	285 *
	17	290 *	295 *	342 *	372 *	340 *	289 *	353 *	268 *	260 *	245 *	293 *	271 *
	18	317 *	293 *	335 *	412 *	352 *	300 *	332 *	266 *	258 *	244 *	286 *	257 *
	19	312 *	296 *	331 *	392 *	345 *	308 *	302 *	266 *	256 *	244 *	279 *	248 *
	20	306 *	329 *	328 *	406 *	341 *	302 *	306 *	265 *	254 *	243 *	275 *	246 *
	21	301 *	362 *	343 *	425 *	334 *	297 *	300 *	263 *	276 *	242 *	269 *	244 *
	22	295 *	353 *	334 *	397 *	313 *	323 *	312 *	281 *	278 *	243 *	266 *	240 *
	23	305 *		322 *	370 *	310 *	399 *	315 *	296 *	263 *	240 *	264 *	238 *
	24	301 *		344 *	363 *	308 *	368 *	306 *	289 *	260 *	265 *	261 *	237 *
	25	295 *	330 *	354 *	356 *	306 *	355 *	297 *	276 *	258 *	348 *	260 *	236 *
	26	301 *	329 *	326 *	350 *	308 *	343 *	291 *	271 *	255 *	337 *	255 *	235 *
	27	275 *	343 *	318 *	346 *	416 *	336 *	282 *	267 *	253 *	311 *	251 *	233 *
	28	293 *	325 *	319 *	342 *	383 *	330 *	294 *	277 *	251 *	289 *	247 *	232 *
	29	289 *		456 *	337 *	369 *	324 *	313 *	272 *	254 *	333 *	245 *	235 *
	30	292 *		405 *	344 *	358 *	313 *	307 *		248 *	284 *	243 *	237 *
	31	289 *				349 *		294 *	431 *		276 *		235 *
	Nivel Max.	375 *					406 *	362 *		409 *	356 *		
	Día	8					23	11		1	25		
	Hora	7					7	18		7	18		
	Nivel Mín.	254 *					287 *	280 *		248 *	240 *		
	Día	27					17	27		29	23		
	Hora	18					18	18		18	7		
	Nivel Medio	302	308	351	363	368	327	304	284	268	267	266	241

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H531 CASACAY AJ JUBONES												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	101 *	91 *	105 *	105 *	88 *	80 *	65 *	59 *	54 *	51 *	48 *	46 *
2	98 *	94 *	102 *	106 *	90 *	90 *	66 *	58 *	53 *	51 *	47 *	46 *
3	111 *	93 *	100 *	101 *	138 *	81 *	65 *	58 *	53 *	50 *	47 *	46 *
4	121 *	95 *	100 *	101 *	101 *	79 *	66 *	58 *	54 *	50 *	47 *	46 *
5	114 *	90 *	98 *	99 *	98 *	78 *	65 *	58 *	52 *	51 *	47 *	45 *
6	112 *	91 *	105 *	99 *	115 *	76 *	65 *	58 *	53 *	51 *	47 *	43 *
7	115 *	93 *	97 *	98 *	99 *	78 *	72 *	58 *	52 *	51 *	48 *	42 *
8	104 *	135 *	95 *	98 *	96 *	79 *	73 *	58 *	53 *	50 *	47 *	42 *
9	101 *	163 *	95 *	103 *	95 *	77 *	66 *	58 *	53 *	50 *	47 *	42 *
10	106 *	113 *	99 *	97 *	90 *	78 *	66 *	58 *	53 *	51 *	47 *	42 *
11	104 *	106 *	95 *	97 *	89 *	77 *	67 *	58 *	54 *	50 *	47 *	42 *
12	101 *	108 *	113 *	105 *	89 *	75 *	66 *	57 *	54 *	50 *	47 *	42 *
13	100 *	106 *	106 *	100 *	89 *	78 *	67 *	57 *	54 *	49 *	47 *	42 *
14	101 *	105 *	105 *	105 *	88 *	77 *	66 *	57 *	54 *	50 *	47 *	42 *
15	98 *	102 *	127 *	105 *	86 *	76 *	65 *	56 *	54 *	49 *	47 *	41 *
16	109 *	100 *	123 *	99 *	85 *	75 *	64 *	55 *	52 *	48 *	47 *	42 *
17	99 *	100 *	118 *	99 *	85 *	75 *	62 *	55 *	53 *	49 *	47 *	41 *
18	101 *	104 *	111 *	100 *	85 *	73 *	60 *	54 *	52 *	48 *	46 *	41 *
19	112 *	103 *	105 *	98 *	82 *	71 *	60 *	54 *	52 *	49 *	46 *	41 *
20	110 *	100 *	105 *	115 *	80 *	70 *	60 *	53 *	52 *	49 *	46 *	48 *
21	99 *	113 *	100 *	103 *	79 *	72 *	63 *	54 *	52 *	49 *	48 *	47 *
22	95 *	117 *	99 *	100 *	79 *	71 *	63 *	54 *	52 *	48 *	46 *	46 *
23	101 *	118 *	105 *	99 *	76 *	70 *	64 *	53 *	53 *	49 *	46 *	45 *
24	99 *	113 *	99 *	96 *	75 *	70 *	62 *	53 *	52 *	48 *	46 *	45 *
25	98 *	104 *	99 *	94 *	79 *	69 *	60 *	54 *	53 *	49 *	46 *	44 *
26	97 *	103 *	98 *	93 *	78 *	70 *	61 *	54 *	53 *	48 *	46 *	45 *
27	96 *	115 *	94 *	91 *	94 *	70 *	60 *	53 *	52 *	48 *	46 *	45 *
28	98 *	105 *	110 *	92 *	85 *	68 *	59 *	52 *	52 *	48 *	47 *	45 *
29	99 *		115 *	89 *	80 *	68 *	59 *	51 *	52 *	48 *	46 *	46 *
30	94 *		115 *	89 *		66 *	59 *	54 *	51 *	48 *	46 *	46 *
31	93 *		121 *		107 *		59 *	55 *		48 *		45 *
Nivel Max.	121 *	195 *	130 *	130 *	187 *	95 *	76 *	59 *	54 *	51 *	48 *	49 *
Día	4	9	15	20	3	2	8	1	vv	vv	vv	20
Hora	17	7	7	17	17	7	7	7				7
Nivel Mín.	92 *	90 *	90 *	88 *	75 *	65 *	58 *	51 *	50 *	47 *	46 *	41 *
Día	31	1	10	29	24	30	29	28	30	30	vv	vv
Hora	7	17	7	17	7	17	17	17	17	7		
Nivel Medio	103	106	105	99	89	74	64	55	53	49	47	44

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H573 SANTA ROSA EN EL VADO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	30 *	69 *	49 *	78 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
2	30 *	69 *	49 *	78 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
3	29 *	67 *	49 *	73 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
4	29 *	67 *	49 *	70 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
5	29 *	67 *	49 *	63 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
6	29 *	67 *	49 *	63 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
7	29 *	67 *	49 *	63 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
8	29 *	66 *	49 *	53 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
9	34 *	65 *	49 *	43 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
10	42 *	65 *	49 *	43 *	48 *	43 *	13 *	7 *	5 *	0 *	0 *	0 *
11	43 *	64 *	49 *	43 *	48 *	43 *	11 *	7 *	5 *	0 *	0 *	0 *
12	315 *	63 *	49 *	43 *	48 *	43 *	9 *	7 *	5 *	0 *	0 *	0 *
13	275 *	63 *	49 *	43 *	48 *	43 *	9 *	7 *	5 *	0 *	0 *	0 *
14	190 *	63 *	49 *	43 *	48 *	43 *	9 *	7 *	5 *	0 *	0 *	0 *
15	155 *	63 *	49 *	43 *	48 *	43 *	9 *	7 *	5 *	0 *	0 *	0 *
16	135 *	61 *	49 *	43 *	48 *	43 *	9 *	7 *	5 *	0 *	0 *	0 *
17	110 *	59 *	178 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
18	95 *	59 *	168 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
19	88 *	59 *	158 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
20	78 *	59 *	147 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
21	68 *	57 *	138 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
22	59 *	55 *	127 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
23	55 *	53 *	263 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
24	53 *	53 *	380 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
25	49 *	53 *	345 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
26	45 *	53 *	323 *	58 *	46 *	41 *	8 *	7 *	0 *	0 *	0 *	0 *
27	41 *	53 *	278 *	58 *	46 *		8 *	7 *	0 *	0 *	0 *	0 *
28	37 *	53 *	255 *	58 *	46 *		8 *	7 *	0 *	0 *	0 *	0 *
29	28 *		173 *	58 *	46 *		8 *	7 *	0 *	0 *	0 *	0 *
30	29 *		135 *	58 *	46 *		8 *	7 *	0 *	0 *	0 *	0 *
31	25 *		103 *		46 *			7 *		0 *		0 *
Nivel Max.	320 *	70 *	406 *	80 *	50 *			8 *	6 *	0 *	0 *	0 *
Día	12	1	23	1	9			14	8	vv	vv	vv
Hora	7	7	18	7	7			7	7			
Nivel Mín.	24 *	52 *	48 *	40 *	44 *			6 *	0 *	0 *	0 *	0 *
Día	31	28	1	12	23			16	vv	vv	vv	vv
Hora	18	18	18	18	18			18				
Nivel Medio	73	61	127	56	47	42	10	7	3	0	0	0

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H574	ARENILLAS EN ARENILLAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	100 *	140 *	120 *	178 *	131 *	82 *	41 *	37 *	28 *	34 *	30 *	28 *
2	100 *	140 *	124 *	175 *	122 *	100 *	37 *	37 *	28 *	34 *	30 *	28 *
3	100 *	149 *	130 *	175 *	122 *	108 *	34 *	35 *	28 *	35 *	30 *	28 *
4	100 *	140 *	130 *	125 *	128 *	86 *	34 *	31 *	28 *	35 *	30 *	28 *
5	100 *	160 *	140 *	125 *	130 *	86 *	34 *	30 *	26 *	35 *	30 *	27 *
6	100 *	140 *	128 *	140 *	132 *	86 *	42 *	30 *	26 *	35 *	30 *	27 *
7	100 *	140 *	123 *	140 *	124 *	86 *	50 *	29 *	25 *	35 *	30 *	27 *
8	100 *	145 *	123 *	138 *	124 *	85 *	50 *	29 *	24 *	35 *	30 *	28 *
9	100 *	140 *	138 *	139 *	120 *	64 *	59 *	29 *	24 *	34 *	30 *	27 *
10	190 *	140 *	120 *	140 *	115 *	64 *	75 *	28 *	23 *	34 *	30 *	27 *
11	100 *	140 *	125 *	140 *	108 *	64 *	68 *	29 *	23 *	34 *	30 *	27 *
12	100 *	142 *	130 *	138 *	100 *	55 *	65 *	29 *	22 *	33 *	30 *	27 *
13	100 *	140 *	163 *	138 *	100 *	54 *	64 *	29 *	22 *	33 *	30 *	28 *
14	100 *	140 *	185 *	138 *	100 *	54 *	63 *	29 *	22 *	33 *	30 *	28 *
15	100 *	140 *	180 *	115 *	100 *	49 *	62 *	29 *	22 *	33 *	30 *	28 *
16	100 *	140 *	180 *	115 *	100 *	49 *	62 *	29 *	22 *	33 *	30 *	28 *
17	100 *	142 *	180 *	120 *	70 *	50 *	50 *	29 *	22 *	32 *	29 *	28 *
18	100 *	140 *	180 *	120 *	70 *	50 *	48 *	29 *	22 *	32 *	29 *	28 *
19	100 *	140 *	185 *	142 *	70 *	50 *	43 *	29 *	22 *	32 *	29 *	27 *
20	100 *	140 *	190 *	142 *	70 *	50 *	34 *	29 *	22 *	32 *	29 *	27 *
21	100 *	140 *	180 *	142 *	62 *	50 *	27 *	29 *	22 *	32 *	29 *	27 *
22	100 *	140 *	180 *	142 *	62 *	49 *	23 *	29 *	22 *	32 *	29 *	27 *
23	100 *	140 *	188 *	150 *	62 *	48 *	14 *	29 *	22 *	32 *	29 *	27 *
24	150 *	140 *	145 *	140 *	59 *	48 *	9 *	29 *	22 *	32 *	28 *	27 *
25	100 *	140 *	145 *	120 *	45 *	46 *	15 *	29 *	22 *	32 *	28 *	27 *
26	100 *	120 *	145 *	120 *	30 *	46 *	29 *	29 *	22 *	31 *	28 *	27 *
27	140 *	124 *	145 *	111 *	92 *	46 *	37 *	29 *	22 *	31 *	28 *	26 *
28	141 *	120 *	145 *	111 *	86 *	44 *	49 *	29 *	22 *	31 *	28 *	26 *
29	140 *		188 *	111 *	82 *	42 *	48 *	29 *	17 *	31 *	28 *	26 *
30	140 *		189 *	133 *	82 *	42 *	44 *	28 *	13 *	31 *	28 *	26 *
31	140 *		180 *		82 *		40 *	28 *		31 *		26 *
Nivel Max.	190 *	170 *	190 *	180 *	138 *	130 *	76 *	37 *	28 *	35 *	30 *	28 *
Día	10	5	20	1	1	3	10	vv	vv	vv	vv	vv
Hora	7	7	7	7	7	7	7					
Nivel Mín.	100 *	120 *	120 *	111 *	30 *	42 *	9 *	28 *	12 *	31 *	28 *	26 *
Día	vv	vv	vv	vv	25	vv	24	vv	30	vv	vv	vv
Hora					17		17		17			
Nivel Medio	111	139	155	135	93	61	43	30	23	33	29	27

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H587	PINDO AJ AMARILLO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	79	69	125	133	127 *	97 *	63 *	45 *	35 *	30	38	22
2	76	69	122	109	132 *	90 *	63 *	45 *	35 *	31	36	21
3	74	67	142	103	142 *	88 *	62 *	45 *	35 *	30	33	20
4	71	66	117	101	149 *	81 *	61 *	44 *	34 *	31	30	20
5	71	65	108	113	144 *	80 *	61 *	44 *	34 *	31	31	21
6	82	68	105	115	158 *	78 *	60 *	44 *	33 *	31	29	20
7	92	69	101	105	156 *	75 *	59 *	43 *	35 *	31	49	21
8	118	73	97	100	139 *	73 *	58 *	43 *	35 *	31	40	19
9	101	98	98	96	123 *	72 *	56 *	43 *	35 *	31	32	19
10	115	92	93	94	114 *	72 *	55 *	42 *	34 *	29	31	21
11	107	86	96	106	137 *	70 *	54 *	42 *	34 *	29	32	17
12	99	83	117	146	140 *	69 *	52 *	41 *	34 *	28	29	22
13	99	79	152	119	170 *	68 *	50 *	41 *	33 *	28	32	21
14	94	76	137	137	185 *	67 *	49 *	41 *	33 *	28	37	20
15	95	73	131	136	155 *	67 *	48 *	43 *	32 *	29	31	20
16	91	71	144	133	150 *	65 *	48 *	40 *	32 *	29	30	21
17	89	70	128	133	135 *	63 *	47 *	39 *	47 *	30	31	21
18	86	72	119	145	110 *	74 *	48 *	39 *	48 *	28	32	29
19	83	88	113	140	95 *	74 *	47 *	39 *	47 *	29	30	34
20	81	91	111	137	94 *	73 *	46 *	39 *	46 *	30	26	39
21	81	115	107	132	91 *	70 *	46 *	38 *	46 *	28	31	31
22	82	154	101	125	89 *	68 *	46 *	37 *	46 *	28	29	30
23	78	122	101	118	86 *	64 *	46 *	37 *	46 *	29	29	25
24	77	117	105	119	84 *	61 *	46 *	36 *	46 *	30	28	25
25	86	108	100	120	82 *	60 *	46 *	38 *	46 *	39	25	23
26	83	104	95	120	85 *	60 *	45 *	36 *	45 *	33	23	22
27	79	139	94	114	98 *	60 *	45 *	36 *	45 *	31	23	23
28	76	117	147	115	80 *	59 *	44 *	35 *	31	31	23	24
29	74		121	122	81 *	57 *	44 *	35 *	33	31	23	25
30	72		113	127 *	125 *	57 *	42 *	34 *	32	31	23	31
31	71		122		114 *		44 *	35 *		28		31
Nivel Max.	190	223	280	249	190 *	99 *	63 *	45 *	48 *	46	59	56
Día	10	27	28	5	14	1	vv	vv	18	25	7	17
Hora	16			23	7				7	8	23	23
Nivel Mín.	68	64	91	93	79 *	57 *	41 *	34 *	30	26	22	15
Día	31	6	27	10	29	vv	30	30	28	23	30	11
Hora	22	13	15	21	7		17	7	16	20	17	14
Nivel Medio	86	89	115	120	121	70	51	40	38	30	31	24

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H589	PUYANGO AJ MARCABELI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	157 *	145 *	181 *	204 *	192 *	151 *	118 *	101 *	89 *		87	78
2	156 *	147 *	186 *	192 *	188 *	155 *	118 *	101 *	88 *		87	77
3	155 *	143 *	184 *	183 *	184 *	149 *	117 *	100 *	87 *		84	76
4	158 *	140 *	176 *	180 *	181 *	146 *	117 *	99 *	87 *		79	79
5	155 *	138 *	172 *	185 *	175 *	143 *	117 *	99 *	87 *		82	72
6	156 *	136 *	171 *	180 *	179 *	141 *	115 *	98 *	86 *		80	69
7	154 *	137 *	168 *	183 *	176 *	138 *	114 *	98 *	86 *		83	72
8	155 *	135 *	231 *	185 *	174 *	136 *	113 *	98 *	85 *		85	74
9	162 *	135 *	212 *	188 *	174 *	133 *	112 *	99 *	85 *		84	77
10	156 *	133 *	200 *	192 *	172 *	132 *	112 *	98 *	85 *		83	76
11	184 *	131 *	197 *	208 *	172 *	131 *	111 *	98 *	97 *		85	78
12	161 *	132 *	195 *	195 *	171 *	130 *	111 *	97 *	91 *		88	78
13	154 *	130 *	192 *	194 *	169 *	129 *	110 *	97 *	90 *		81	78
14	153 *	129 *	186 *	196 *	164 *	129 *	110 *	97 *	88 *		79	76
15	151 *	129 *	181 *	187 *	167 *	128 *	110 *	97 *	86 *		86	79
16	150 *	137 *	179 *	182 *	166 *	128 *	109 *	96 *	85 *		86	78
17	149 *	138 *	222 *	196 *	163 *	127 *	109 *	96 *	85 *		84	77
18	147 *	151 *	204 *	215 *	161 *	126 *	108 *	96 *	84 *		81	84
19	143 *	151 *	184 *	218 *	157 *	127 *	108 *	95 *	84 *		79	89
20	140 *	155 *	175 *	209 *	155 *	127 *	107 *	95 *	84 *		79	89
21	139 *	155 *	171 *	198 *	152 *	126 *	107 *	94 *	84 *	80	80	89
22	140 *	153 *	170 *	189 *	151 *	125 *	107 *	94 *	83 *	79	86	88
23	141 *	154 *	165 *	187 *	149 *	124 *	106 *	93 *	83 *	80	86	87
24	139 *	157 *	171 *	179 *	147 *	122 *	106 *	92 *	82 *	80	86	87
25	141 *	162 *	168 *	185 *	144 *	121 *	106 *	92 *	82 *	84	84	86
26	139 *	168 *	174 *	188 *	140 *	121 *	105 *	91 *	82 *	87	83	86
27	138 *	180 *	176 *	205 *	150 *	120 *	105 *	91 *	82 *	84	78	86
28	139 *	174 *	178 *	187 *	139 *	119 *	104 *	90 *	81 *	84	78	86
29	138 *		173 *	181 *	142 *	119 *	104 *	90 *	81 *	84	81	86
30	138 *		171 *	187 *	143 *	119 *	104 *	89 *	81 *	83	83	86
31	138 *			151 *				89 *		85		86
Nivel Max.	192 *	185 *		220 *	195 *	157 *		102 *	98 *		89	92
Día	11	27		11	1	2		1	11		1	19
Hora	7	7		7	7	7		7	7		11	17
Nivel Mín.	136 *	128 *		177 *	139 *	118 *		89 *	80 *		77	69
Día	30	14		24	28	28		vv	30		27	6
Hora	17	17		17	17	17			17		5	6
Nivel Medio	149	145	184	192	163	130	110	95	85		83	81

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H591	PUYANGO EN CPTO.MILITAR (PTE.CARRETERA)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	163 *	160 *	280 *	257 *	252 *	164 *	105	46	27	52	46 *	44 *
2	166 *	152 *	271 *	235 *	249 *	185 *	107	43	27	50	50 *	39 *
3	160 *	148 *	259 *	214 *	246 *	162 *	104	44	27	51	47 *	38 *
4	154 *	144 *	256 *	217 *	297 *	152 *	103	43	24	51	47 *	38 *
5	151 *	142 *	221 *	212 *	269 *	147 *	102	44	24	50	45 *	37 *
6	173 *	158 *	208 *	228 *	328 *	144 *	101	43	26	52	44 *	39 *
7	191 *	163 *	204 *	221 *	261 *	142 *	100	43	24	51	55 *	38 *
8	239 *	164 *	195 *	215 *	254 *	140 *	99	41	42	51	51 *	38 *
9	220 *	399 *	190 *	217 *	247 *	139 *	100	40	58	50	49 *	37 *
10	175 *	239 *	199 *	228 *	232 *	135 *	99	40	56	52	47 *	36 *
11	286 *	215 *	231 *	267 *	224 *	133 *	97	39	50	53	45 *	35 *
12	230 *	203 *	257 *	283 *	207 *	131 *	97	39	54	52	46 *	36 *
13	212 *	188 *	302 *	259 *	200 *	129 *	93	38	55	52	47 *	39 *
14	201 *	180 *	259 *	258 *	193 *	127 *	90	36	57	51	53 *	40 *
15	191 *	173 *	285 *	262 *	186 *	125 *	89	35	58	51	49 *	43 *
16	225 *	167 *	288 *	277 *	181 *	123 *	90	35	58	46 *	47 *	44 *
17	270 *	166 *	311 *	260 *	177 *	122 *	90	32	60	46 *	47 *	43 *
18	205 *	165 *	270 *	268 *	171 *	123 *	88	33	61	46 *	49 *	50 *
19	243 *	194 *	294 *	293 *	166 *	121 *	86	33	62	45 *	50 *	56 *
20	205 *	192 *	231 *	272 *	163 *	199 *	85	33	61	45 *	48 *	56 *
21	243 *	273 *	225 *	310 *	159 *	159 *	73	33	60	43 *	50 *	54 *
22	265 *	303 *	219 *	260 *	156 *	118 *	79	32	61	43 *	58 *	61 *
23	281 *	270 *	225 *	248 *	152 *	115 *	71	31	62	43 *	53 *	44 *
24	214 *	251 *	209 *	240 *	150 *	108 *	57	31	60	45 *	50 *	44 *
25	214 *	236 *	200 *	270 *	148 *	113 *	53	31	56	56 *	48 *	43 *
26	211 *	230 *	191 *	248 *	147 *	111 *	51	32	51	54 *	46 *	47 *
27	189 *	333 *	184 *	247 *	207 *	110	49	29	53	49 *	45 *	49 *
28	182 *	262 *	297 *	269 *	161 *	118	49	29	51	51 *	44 *	52 *
29	176 *		348 *	255 *	152 *	109	48	29	52	47 *	42 *	49 *
30	170 *		266 *	274 *	162 *	107	46	27	50	46 *	41 *	51 *
31	162 *		285 *		187 *		46	29		46 *		64 *
Nivel Max.	390 *	488 *	403 *	315 *	362 *	199 *	107	46	63	60 *	67 *	68 *
Día	11	9	28	21	6	20	2	1	23	25	7	22
Hora	7	7	17	7	7	7	10	12	15	17	17	7
Nivel Mín.	147 *	141 *	184 *	205 *	145 *	103 *	46	27	23	43 *	41 *	35 *
Día	5	5	27	3	26	30	vv	30	8	vv	30	10
Hora	7	7	7	17	17	17		1	4		7	7
Nivel Medio	205	209	247	252	202	133	82	36	49	49	48	44

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H616		ALAMOR EN SAUCILLO(DJ CELICA)										
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	271	182	260	335	200 *	133 *	113 *	103 *			88 *	86 *
2	161	179	261	328	186 *	136 *	113 *	103 *			89 *	86 *
3	159	173	223	236	177 *	134 *	111 *	103 *			88 *	86 *
4	151	177	216	213	212 *	129 *	111 *	103 *			88 *	86 *
5	142	179	206	213	174 *	128 *	112 *	103 *			88 *	85 *
6	141	180	191	283	251 *	128 *	111 *	102 *			88 *	85 *
7	172	215	190	343	165 *	126 *	110 *	102 *			88 *	84 *
8	187	194	206	255	165 *	125 *	110 *	101 *			87 *	84 *
9	274	258	207	236	160 *	125 *	110 *	101 *			87 *	84 *
10	264	472	224	220	157 *	123 *	109 *	100 *			89 *	84 *
11	221	244	198	217	162 *	122 *	109 *	100 *			88 *	84 *
12	397	213	244	340	154 *	121 *	108 *	100 *			87 *	84 *
13	286	197	247	324	150 *	120 *	108 *	99 *		92 *	88 *	84 *
14	242	193	230	250	149 *	120 *	108 *	99 *		91 *	88 *	84 *
15	218	207	229	295	147 *	120 *	108 *	100 *		89 *	88 *	84 *
16	197	184	275	264	145 *	119 *	107 *	100 *		90 *	88 *	84 *
17	188	178	356	217	140 *	118 *	107 *	99 *		89 *	87 *	84 *
18	201	174	277	180 *	140 *	118 *	107 *	98 *		89 *	87 *	84 *
19	185	191	293	234 *	140 *	117 *	106 *	99 *		88 *	87 *	85 *
20	209	285	216	210 *	138 *	117 *	106 *	99 *		89 *	87 *	85 *
21	184	199	231	207 *	137 *	117 *	106 *	98 *			87 *	86 *
22	191	253	229	185 *	135 *	117 *	105 *	98 *		88 *	88 *	94 *
23	184	312	195	172 *	134 *	116 *	105 *	97 *		88 *	88 *	89 *
24	300	233	213	168 *	132 *	115 *	105 *	97 *		88 *	87 *	89 *
25	219	249	196	180 *	131 *	114 *	104 *	97 *		88 *	86 *	89 *
26	193	234	190	194 *	134 *	116 *	104 *	97 *				88 *
27	224	269	192	175 *	170 *	114 *	104 *	97 *		88 *	87 *	89 *
28	191	394	228	258 *	144 *	114 *	103 *	96 *		88 *	86 *	90 *
29	189		382	240 *	136 *	114 *	103 *	96 *		88 *	86 *	92 *
30	182		370	234 *	135 *	114 *	103 *	96 *		88 *	86 *	93 *
31	186		259		130 *		103 *	96 *		88 *		91 *
Nivel Max.	487	723	697	652	330 *	136 *	113 *	103 *				96 *
Día	12	10	29	2	6	2	vv	vv				22
Hora	2	6	7	6	7	7						7
Nivel Min.	140	163	160	164 *	130 *	113 *	103 *	95 *				83 *
Día	6	3	18	23	25	26	vv	30				18
Hora	17	10	14	17	6	18		18				7
Nivel Medio	210	229	240	240	156	121	107	99			87	86

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H617		ARENAL EN PTE.BOQUERON										
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	75 *	85 *	120 *	120 *	95 *	34 *	45 *	35 *	32 *	38 *	35 *	45 *
2	76 *	88 *	121 *	121 *	90 *	33 *	50 *	33 *	34 *	35 *	33 *	40 *
3	76 *	93 *	118 *	122 *	85 *	33 *	55 *	30 *	35 *	35 *	32 *	35 *
4	80 *	110 *	115 *	122 *	83 *	40 *	50 *	33 *	38 *	34 *	33 *	34 *
5	85 *	111 *	103 *	120 *	80 *	45 *	43 *	34 *	40 *	34 *	35 *	33 *
6	88 *	113 *	95 *	122 *	78 *	50 *	38 *	35 *	43 *	33 *	35 *	30 *
7	93 *	115 *	80 *	124 *	75 *	55 *	33 *	35 *	42 *	30 *		28 *
8	94 *	118 *	73 *	125 *	70 *	63 *	30 *	38 *	40 *	32 *	40 *	25 *
9	95 *	120 *	75 *	128 *	88 *	65 *	38 *	42 *	38 *	33 *	43 *	30 *
10	93 *	115 *	78 *	133 *	65 *	90 *	40 *	43 *	35 *	35 *	44 *	30 *
11	92 *	112 *	83 *	135 *	60 *	103 *	35 *	44 *	33 *	35 *	45 *	30 *
12	88 *	111 *	95 *	128 *	55 *	110 *	38 *	45 *	30 *	34 *	48 *	33 *
13	85 *	95 *	95 *	123 *	60 *	95 *	43 *	50 *	30 *	34 *	52 *	33 *
14	83 *	93 *	93 *	119 *	75 *	90 *	50 *	53 *	33 *	32 *	53 *	35 *
15	80 *	90 *	110 *	117 *	73 *	85 *	55 *	55 *	35 *	30 *	54 *	35 *
16	80 *	85 *	111 *	115 *	70 *	85 *	50 *	55 *	35 *	32 *	55 *	40 *
17	75 *	85 *	112 *	115 *	65 *	20 *	45 *	45 *	34 *	33 *	60 *	40 *
18	73 *	85 *	110 *	113 *	53 *	22 *	43 *	45 *	30 *	34 *	63 *	42 *
19	70 *	85 *	103 *	111 *	43 *	28 *	40 *	35 *	30 *	34 *	64 *	43 *
20	73 *	80 *	95 *	112 *	38 *	38 *	35 *	40 *	33 *	33 *	65 *	45 *
21	73 *	75 *	93 *	114 *	33 *	62 *	35 *	48 *	33 *	34 *	69 *	40 *
22	70 *	78 *	90 *	112 *	33 *	115 *	33 *	50 *	34 *	35 *	73 *	35 *
23	85 *	83 *	85 *	110 *	35 *	73 *	32 *	48 *	35 *	43 *	70 *	33 *
24	85 *	83 *	80 *	112 *	35 *	60 *	34 *	45 *	35 *	45 *	65 *	30 *
25	83 *	85 *	75 *	112 *	33 *	68 *	35 *	35 *	35 *	40 *	62 *	30 *
26	80 *	90 *	75 *	112 *	33 *	78 *	35 *	40 *	35 *	38 *	62 *	25 *
27	75 *	95 *	83 *	110 *	40 *	45 *	40 *	43 *	38 *	35 *	58 *	28 *
28	73 *	110 *	108 *	95 *	40 *	35 *	43 *	43 *	40 *	30 *	53 *	33 *
29	78 *		123 *	95 *	35 *	35 *	43 *	38 *	43 *	28 *	50 *	35 *
30	80 *		125 *	90 *	39 *	43 *	35 *	35 *	45 *	28 *	48 *	43 *
31	85 *		120 *		35 *		33 *	30 *		33 *		45 *
Nivel Max.	95 *	120 *	125 *	135 *	110 *	115 *	55 *	55 *	45 *	45 *		45 *
Día	9	9	30	11	9	22	vv	vv	30	24		vv
Hora	8	8	8	8	8	8			7	7		
Nivel Mín.	70 *	75 *	70 *	90 *	30 *	20 *	30 *	30 *	30 *	25 *		25 *
Día	vv	21	8	30	21	17	22	vv	vv	29		vv
Hora		17	8	17	17	17	17			17		
Nivel Medio	81	96	98	116	58	60	40	41	36	34	51	35

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H619 CANAL ARENAL												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	84 *	73 *	75 *	85 *	95 *	75 *	74 *	50 *	60 *	75 *	83 *	85 *
2	85 *	73 *	73 *	80 *	90 *	80 *	75 *	58 *	65 *	78 *	80 *	88 *
3	75 *	76 *	70 *	78 *	85 *	85 *	75 *	60 *	68 *	82 *	80 *	90 *
4	75 *	76 *	73 *	75 *	75 *	85 *	83 *	65 *	70 *	83 *	75 *	93 *
5	70 *	83 *	72 *	70 *	73 *	90 *	85 *	65 *	75 *	84 *	75 *	93 *
6	73 *	80 *	65 *	75 *	73 *	93 *	85 *	70 *	73 *	85 *	75 *	90 *
7	73 *	82 *	60 *	73 *	75 *	95 *	75 *	70 *	70 *	75 *	70 *	88 *
8	75 *	83 *	60 *	73 *	80 *	93 *	75 *	75 *	68 *	75 *	70 *	85 *
9	75 *	83 *	55 *	78 *	82 *	93 *	70 *	75 *	65 *	75 *	73 *	85 *
10	75 *	84 *	58 *	83 *	84 *	90 *	65 *	78 *	60 *	73 *	73 *	83 *
11	80 *	85 *	60 *	85 *	86 *	93 *	63 *	82 *	60 *	73 *	73 *	82 *
12	82 *	90 *	65 *	82 *	81 *	90 *	63 *	79 *	50 *	70 *	73 *	80 *
13	83 *	93 *	68 *	83 *	90 *	95 *	70 *	75 *	52 *	65 *	75 *	78 *
14	83 *	94 *	72 *	80 *	93 *	90 *	73 *	75 *	52 *	64 *	75 *	75 *
15	85 *	94 *	73 *	78 *	95 *	85 *	75 *	73 *	50 *	63 *	70 *	73 *
16	85 *	90 *	73 *	75 *	93 *	83 *	75 *	75 *	45 *	67 *	70 *	70 *
17	88 *	90 *	72 *	70 *	90 *	85 *	75 *	75 *	45 *	73 *	73 *	65 *
18	93 *	93 *	70 *	65 *	93 *	75 *	80 *	78 *	48 *	75 *	74 *	65 *
19	94 *	95 *	75 *	64 *	94 *	80 *	83 *	83 *	52 *	78 *	75 *	63 *
20	95 *	93 *	75 *	64 *	95 *	85 *	84 *	85 *	53 *	83 *	75 *	62 *
21	95 *	93 *	75 *	66 *	92 *	92 *	75 *	85 *	52 *	85 *	70 *	60 *
22	92 *	93 *	78 *	70 *	85 *	95 *	75 *	75 *	52 *	81 *	73 *	55 *
23	92 *	93 *	80 *	72 *	80 *	90 *	73 *	75 *	54 *	83 *	73 *	58 *
24	90 *	90 *	83 *	74 *	75 *	95 *	72 *	73 *	60 *	83 *	75 *	62 *
25	92 *	85 *	85 *	75 *	70 *	95 *	70 *	72 *	65 *	85 *	75 *	63 *
26	85 *	85 *	85 *	80 *	65 *	90 *	65 *	70 *	68 *	83 *	75 *	65 *
27	80 *	85 *	90 *	83 *	63 *	90 *	65 *	65 *	72 *	80 *	78 *	65 *
28	79 *	80 *	95 *	85 *	62 *	90 *	60 *	50 *	73 *	80 *	80 *	68 *
29	75 *		90 *	90 *	65 *	85 *	58 *	53 *	73 *	80 *	83 *	75 *
30	75 *		85 *	93 *	70 *	75 *	54 *	55 *	74 *	83 *	84 *	75 *
31	70 *		83 *		75 *		53 *	60 *		83 *		75 *
Nivel Max.	99 *	95 *	95 *	93 *	95 *	95 *	85 *	85 *	75 *	85 *	85 *	93 *
Día	25	14	28	30	vv	vv	vv	vv	5	vv	30	vv
Hora	8	17	8	8					7		17	
Nivel Mín.	70 *	70 *	55 *	63 *	60 *	75 *	53 *	50 *	45 *	63 *	70 *	55 *
Día	vv	2	9	19	28	vv	31	vv	vv	14	vv	22
Hora		8	17	17	17		17			17		17
Nivel Medio	82	86	74	77	81	88	72	70	61	77	75	75

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H625 ALAMOR EN PTE.MERCADILLO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	70 *	55 *	72 *	72 *	88 *	35 *	29 *	17 *	3 *	5 *	0 *	0 *
2	70 *	54 *	72 *	72 *	77 *	34 *	29 *	17 *	3 *	5 *	0 *	0 *
3	85 *	53 *	72 *	71 *	75 *	34 *	29 *	17 *	3 *	5 *	0 *	0 *
4	80 *	52 *	71 *	70 *	75 *	34 *	29 *	16 *	3 *	5 *	0 *	0 *
5	80 *	51 *	71 *	70 *	75 *	33 *	28 *	16 *	3 *	5 *	0 *	0 *
6	80 *	51 *	71 *	135 *	74 *	33 *	28 *	15 *	3 *	5 *	0 *	0 *
7	80 *	51 *	77 *	76 *	73 *	32 *	27 *	15 *	3 *	4 *	0 *	0 *
8	140 *	51 *	73 *	75 *	73 *	32 *	27 *	14 *	2 *	4 *	0 *	0 *
9	91 *	95 *	72 *	75 *	72 *	31 *	27 *	14 *	2 *	4 *	0 *	0 *
10	86 *	81 *	72 *	140 *	72 *	31 *	26 *	13 *	2 *	4 *	0 *	0 *
11	63 *	78 *	71 *	80 *	71 *	31 *	26 *	13 *	16 *	4 *	0 *	0 *
12	62 *	65 *	136 *	80 *	71 *	31 *	26 *	13 *	10 *	3 *	0 *	0 *
13	61 *	73 *	72 *	78 *	70 *	30 *	25 *	12 *	10 *	3 *	0 *	0 *
14	60 *	73 *	72 *	143 *	69 *	30 *	25 *	12 *	10 *	3 *	0 *	0 *
15	60 *	72 *	72 *	80 *	69 *	30 *	25 *	11 *	10 *	3 *	0 *	0 *
16	60 *	71 *	71 *	80 *	68 *	30 *	24 *	11 *	10 *	3 *	0 *	0 *
17	60 *	135 *	71 *	80 *	50 *	30 *	24 *	10 *	10 *	2 *	0 *	0 *
18	59 *	77 *	83 *	75 *	40 *	30 *	23 *	10 *	9 *	2 *	0 *	0 *
19	59 *	74 *	80 *	70 *	40 *	30 *	23 *	10 *	9 *	2 *	0 *	0 *
20	58 *	74 *	79 *	70 *	39 *	30 *	22 *	9 *	9 *	2 *	0 *	0 *
21	58 *	73 *	78 *	90 *	38 *	30 *	22 *	9 *	9 *	2 *	0 *	0 *
22	58 *	73 *	77 *	75 *	38 *	30 *	21 *	8 *	8 *	1 *	0 *	0 *
23	169 *	73 *	77 *	75 *	37 *	30 *	21 *	8 *	8 *	1 *	0 *	0 *
24	58 *	73 *	76 *	75 *	37 *	30 *	21 *	7 *	8 *	1 *	0 *	0 *
25	79 *	72 *	76 *	75 *	36 *	30 *	20 *	7 *	7 *	1 *	0 *	0 *
26	60 *	72 *	78 *	90 *	36 *	30 *	20 *	6 *	7 *	1 *	0 *	0 *
27	59 *	126 *	75 *	78 *	35 *	29 *	20 *	6 *	7 *	0 *	0 *	0 *
28	58 *	74 *	75 *	77 *	35 *	29 *	19 *	5 *	6 *	0 *	0 *	0 *
29	57 *		75 *	77 *	35 *	29 *	19 *	5 *	6 *	0 *	0 *	0 *
30	57 *		73 *	77 *	35 *	29 *	19 *	4 *	6 *	0 *	0 *	0 *
31	56 *		72 *		35 *		18 *	4 *		0 *		0 *
Nivel Max.	280 *	200 *	200 *	200 *	100 *	35 *	29 *	17 *	30 *	5 *	0 *	0 *
Día	23	17	12	10	1	1	vv	vv	11	vv	vv	vv
Hora	18	17	18	18	18	6			18			
Nivel Mín.	55 *	50 *	71 *	70 *	35 *	29 *	18 *	3 *	2 *	0 *	0 *	0 *
Día	31	8	vv	vv	vv	vv	30	31	vv	vv	vv	vv
Hora	18	17					18	18				
Nivel Medio	72	72	76	83	56	31	24	11	7	3	0	0

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H627	UCHIMA AJ CHAMBA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	80 *	68 *	65 *	95 *	85 *	69 *	68 *	69 *	65 *	63 *	85 *	40 *
2	73 *	90 *	68 *	80 *	85 *	85 *	65 *	66 *	60 *	67 *	70 *	41 *
3	70 *	75 *	65 *	85 *	78 *	95 *	73 *	63 *	53 *	53 *	63 *	38 *
4	70 *	68 *	68 *	70 *	78 *	80 *	63 *	62 *	50 *	55 *	60 *	39 *
5	65 *	65 *	70 *	70 *	78 *	75 *	55 *	60 *	48 *	50 *	55 *	73 *
6	65 *	68 *	75 *	70 *	78 *	70 *	50 *	60 *	45 *	50 *	51 *	70 *
7	83 *	60 *	72 *	80 *	75 *	70 *	50 *	58 *	40 *	55 *	55 *	63 *
8	68 *	95 *	60 *	78 *	68 *	67 *	48 *	56 *	43 *	75 *	75 *	59 *
9	68 *	85 *	85 *	68 *	60 *	60 *	47 *	54 *	50 *	80 *	73 *	54 *
10	63 *	75 *	73 *	75 *	58 *	60 *	60 *	52 *	70 *	58 *	80 *	50 *
11	60 *	75 *	70 *	95 *	55 *	57 *	68 *	50 *	58 *	50 *	63 *	47 *
12	70 *		78 *	85 *	58 *	60 *	70 *	47 *	53 *	45 *	80 *	75 *
13	80 *		78 *	75 *	59 *	110 *	63 *	40 *	50 *	40 *	80 *	88 *
14	88 *		73 *	75 *	60 *	70 *	60 *	40 *	55 *	40 *	77 *	95 *
15	65 *		73 *	80 *	60 *	63 *	57 *	40 *	60 *	40 *	74 *	97 *
16	65 *		65 *	75 *	68 *	58 *	50 *	40 *	53 *	40 *	88 *	60 *
17	70 *		68 *	80 *	73 *	58 *	50 *	40 *	50 *	70 *	75 *	58 *
18	68 *		70 *	93 *	68 *	59 *	50 *	40 *	48 *	65 *	68 *	48 *
19	60 *		73 *	95 *	60 *	73 *	75 *	47 *	50 *	63 *	53 *	44 *
20	78 *		105 *	80 *	63 *	90 *	83 *	46 *	50 *	70 *	50 *	44 *
21	73 *		78 *	83 *	61 *	98 *	95 *	44 *	48 *	65 *	65 *	46 *
22	73 *		73 *	75 *	60 *	95 *	98 *	75 *	46 *	63 *	60 *	45 *
23	65 *	70 *	70 *	95 *	60 *	105 *	78 *	79 *	47 *	80 *	61 *	41 *
24	65 *	70 *	75 *	80 *	60 *	110 *	70 *	60 *	50 *	83 *	59 *	40 *
25	60 *	70 *	70 *	70 *	65 *	100 *	63 *	53 *	45 *	75 *	45 *	40 *
26	65 *	78 *	70 *	70 *	80 *	90 *	58 *	49 *	42 *	85 *	47 *	40 *
27	73 *	70 *	70 *	67 *	80 *	70 *	50 *	80 *	42 *	80 *	45 *	40 *
28	73 *	73 *	73 *	70 *	83 *	63 *	50 *	78 *	40 *	88 *	44 *	40 *
29	68 *		80 *	75 *	75 *	85 *	48 *	70 *	40 *	78 *	44 *	40 *
30	65 *		75 *	80 *	73 *	84 *	47 *	73 *	55 *	73 *	42 *	58 *
31	65 *		70 *		70 *		60 *	70 *		70 *		90 *
Nivel Max.	105 *		120 *	120 *	90 *	120 *	100 *	90 *	70 *	90 *	90 *	100 *
Día	14		20	11	2	13	21	27	10	8	1	14
Hora	7		7	18	7	18	18	18	7	18	7	17
Nivel Mín.	60 *		60 *	60 *	55 *	55 *	46 *	40 *	40 *	40 *	40 *	38 *
Día	vv		8	28	11	17	9	vv	vv	vv	25	4
Hora			17	7	18	7	7				7	7
Nivel Medio	69		73	79	69	78	62	57	50	63	63	55

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H720	MISAHUALLI EN COTUNDO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	77 *	69 *	100 *	132 *	105 *	138 *	96 *	94 *	84 *	77 *	110 *	84 *
2	74 *	68 *	95 *	115 *	111 *	192 *	114 *	90 *	82 *	75 *	96 *	86 *
3	76 *	65 *	82 *	172 *	104 *	153 *	102 *	90 *	82 *	84 *	94 *	92 *
4	74 *	64 *	96 *	124 *	102 *	133 *	89 *	88 *	80 *	75 *	106 *	84 *
5	74 *	62 *	86 *	109 *	100 *	117 *	81 *	86 *	91 *	79 *	117 *	86 *
6	74 *	74 *	87 *	106 *	98 *	99 *	81 *	102 *	90 *	76 *	122 *	85 *
7	72 *	78 *	99 *	100 *	164 *	95 *	80 *	100 *	88 *	76 *	120 *	84 *
8	72 *	71 *	88 *	129 *	146 *	90 *	112 *	95 *	83 *	78 *	117 *	88 *
9	75 *	66 *	95 *		169 *	90 *	93 *	90 *	100 *	81 *	103 *	88 *
10	77 *	66 *	93 *		150 *	98 *	88 *	96 *	118 *	81 *	94 *	90 *
11	84 *	68 *	81 *		129 *	106 *	128 *	97 *	101 *	76 *	92 *	95 *
12	82 *	101 *	79 *	92 *	97 *	97 *	114 *	89 *	94 *	75 *	90 *	97 *
13	76 *	98 *	78 *	103 *	91 *	96 *	102 *	86 *	88 *	74 *	90 *	94 *
14	74 *	93 *	76 *	101 *	154 *	90 *	105 *	83 *	86 *	73 *	88 *	87 *
15	72 *	90 *		89 *	179 *	86 *	105 *	80 *	86 *	83 *	88 *	84 *
16	70 *	85 *		120 *	132 *	82 *	103 *	80 *	81 *	75 *	86 *	83 *
17	70 *	88 *	82 *	170 *	190 *	86 *	100 *	79 *	76 *	78 *	95 *	82 *
18	68 *	86 *	78 *	176 *	166 *	84 *	99 *	77 *	76 *	82 *	93 *	98 *
19	68 *	89 *	77 *	142 *	118 *	88 *	96 *	76 *	76 *	117 *	98 *	87 *
20	66 *	104 *	114 *	137 *	107 *	88 *	149 *	83 *	92 *	98 *	88 *	82 *
21	66 *	100 *	105 *	118 *	101 *		108 *	82 *	127 *	80 *	88 *	79 *
22	65 *	112 *	113 *	112 *	99 *		102 *	81 *	114 *	123 *	86 *	78 *
23	64 *	100 *		121 *	94 *	104 *	100 *	141 *	86 *	94 *	86 *	78 *
24	64 *	134 *		146 *	90 *	100 *	97 *	103 *	80 *	94 *	85 *	108 *
25	62 *	115 *		196 *	100 *	107 *	94 *		77 *	99 *	83 *	95 *
26	62 *	100 *		124 *	103 *	205 *	92 *		73 *	91 *	80 *	81 *
27	72 *	97 *		104 *	103 *	139 *	89 *		68 *	82 *	80 *	78 *
28	69 *	118 *		104 *	142 *	116 *	86 *	94 *	68 *	80 *	82 *	76 *
29	64 *			114 *	135 *	110 *	115 *	84 *	72 *	84 *	91 *	76 *
30	62 *			111 *	123 *	103 *	99 *	103 *	71 *	80 *	88 *	77 *
31	63 *				170 *		97 *	87 *		122 *		78 *
Nivel Max.	90 *	168 *			210 *		168 *		128 *	126 *	124 *	110 *
Día	11	24			17		20		21	22	6	24
Hora	16	16			16		7		16	16	16	16
Nivel Mín.	62 *	62 *			90 *		80 *		66 *	72 *	80 *	76 *
Día	vv	5			13		5		28	14	vv	vv
Hora		7			16		16		7	16		
Nivel Medio	71	88	90	125	125	110	101	91	86	85	95	86

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H721 JATUNYACU DJ ILOCULIN												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	72 *	64 *	65 *		96 *	124 *	126 *	100 *	95 *	53 *	87 *	55 *
2	67 *	97 *	63 *		84 *	120 *	190 *	98 *	86 *	58 *	84 *	48 *
3	69 *	88 *	61 *		77 *	230 *	220 *	101 *	72 *	55 *	76 *	42 *
4	63 *	84 *	64 *		86 *	126 *	181 *	103 *	77 *	53 *	72 *	41 *
5	82 *	78 *	74 *		115 *	117 *	185 *	123 *	90 *	55 *	74 *	40 *
6	80 *	74 *	75 *		100 *	108 *	154 *	105 *	81 *	52 *	73 *	41 *
7	78 *	80 *	78 *		93 *	128 *	120 *	89 *	72 *	51 *	73 *	44 *
8	83 *	76 *	75 *		113 *	165 *	100 *	85 *	66 *	88 *	69 *	42 *
9	95 *	100 *	74 *		280 *	132 *	113 *	81 *	70 *	70 *	67 *	44 *
10	115 *	67 *	73 *		130 *	116 *	109 *	77 *	68 *	62 *	64 *	88 *
11	110 *	70 *	76 *		123 *	130 *	300 *	90 *	69 *	58 *	62 *	68 *
12	85 *	75 *	86 *		107 *	123 *	360 *	78 *	65 *	50 *	57 *	65 *
13	99 *	133 *	80 *		100 *	115 *	175 *	95 *	63 *	48 *	64 *	63 *
14	93 *	110 *	84 *		200 *	108 *	142 *	97 *	60 *	45 *	99 *	135 *
15	78 *	108 *	78 *		185 *	103 *	136 *	70 *	64 *	105 *	103 *	168 *
16	87 *	109 *	85 *			100 *	133 *	72 *	56 *	65 *	98 *	79 *
17	75 *	87 *	115 *		184 *	90 *	138 *	71 *	53 *	64 *	100 *	71 *
18	62 *	98 *	83 *		150 *	94 *	132 *	69 *	52 *	98 *	86 *	60 *
19	73 *	96 *	75 *		125 *	98 *	124 *	65 *	120 *	115 *	77 *	55 *
20	66 *	115 *	73 *		120 *	96 *	420 *	61 *	56 *	81 *	92 *	53 *
21	74 *	102 *	80 *		100 *	255 *	143 *	69 *	107 *	65 *	88 *	50 *
22	81 *	97 *	64 *		94 *	235 *	135 *	109 *	118 *	97 *	77 *	46 *
23	80 *	82 *	78 *		80 *	147 *	182 *	87 *	79 *	93 *	69 *	45 *
24	76 *	79 *	62 *		90 *	136 *	175 *	84 *	66 *	69 *	58 *	50 *
25	82 *	76 *	69 *		84 *	126 *	150 *	86 *	60 *	95 *	54 *	56 *
26	85 *	77 *	68 *		80 *	256 *	144 *	85 *	58 *	96 *	52 *	48 *
27	90 *	63 *	70 *		83 *	216 *	110 *	83 *	56 *	91 *	55 *	45 *
28	83 *	68 *	82 *		83 *	254 *	95 *	125 *	53 *	86 *	53 *	44 *
29	94 *		93 *		89 *	168 *	187 *	96 *	51 *	105 *	56 *	45 *
30	90 *		95 *		84 *	154 *	122 *	204 *	49 *	99 *	53 *	44 *
31	83 *		87 *		90 *		115 *	136 *		96 *		46 *
Nivel Max.	115 *	133 *	115 *			256 *	420 *	204 *	120 *	115 *	103 *	168 *
Día	10	13	17			26	20	30	19	19	15	15
Hora	17	8	16			18	15	15	13	13	17	16
Nivel Mín.	62 *	63 *	61 *			90 *	95 *	61 *	49 *	45 *	52 *	40 *
Día	18	27	3			17	28	20	30	14	26	5
Hora	13	16	16			16	16	9	17	17	17	14
Nivel Medio	82	88	77		114	146	165	93	71	75	73	59

NOTA: * DATOS LIMNIMETRICOS

1998

H722 YANAHURCO DJ VALLE												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	110 *	110 *	110 *	86 *	107 *	110 *	137 *	156 *	127 *	96 *	107 *	95 *
2	110 *	110 *	114 *	96 *	110 *	248 *	146 *	145 *	120 *	105 *	106 *	94 *
3	108 *	108 *	112 *	108 *	129 *	166 *	133 *	136 *	121 *	110 *	105 *	94 *
4	110 *	108 *	112 *	93 *	136 *	140 *	129 *	139 *	119 *	109 *	103 *	92 *
5	110 *	108 *	110 *	93 *	137 *	117 *	112 *	136 *	118 *	107 *	100 *	90 *
6	112 *	111 *	110 *	96 *	127 *	109 *	113 *	135 *	118 *	105 *	98 *	89 *
7	112 *	113 *	110 *	96 *	112 *	108 *	111 *	129 *	117 *	101 *	96 *	91 *
8	110 *	112 *	100 *	93 *	101 *	111 *	109 *	127 *	115 *	100 *	95 *	90 *
9	110 *	112 *	100 *	93 *	103 *	107 *	131 *	120 *	110 *	102 *	94 *	90 *
10	110 *	110 *	102 *	90 *	103 *	104 *	132 *	120 *	108 *	100 *	94 *	90 *
11	108 *	110 *	101 *	91 *	102 *	103 *	241 *	124 *	105 *	99 *	92 *	89 *
12	108 *	110 *	90 *	90 *	101 *	104 *	202 *	123 *	102 *	98 *	92 *	88 *
13	108 *	113 *	85 *	96 *	100 *	103 *	161 *	121 *	101 *	95 *	90 *	90 *
14	110 *	115 *	80 *	97 *	97 *	104 *	135 *	119 *	100 *	94 *	90 *	106 *
15	110 *	116 *	80 *	93 *	95 *	102 *	130 *	118 *	98 *	100 *	89 *	116 *
16	110 *	114 *	80 *	92 *	94 *	101 *	129 *	115 *	98 *	100 *	92 *	130 *
17	112 *	112 *	88 *	95 *	94 *	103 *	121 *	117 *	98 *	98 *	103 *	118 *
18	114 *	110 *	89 *	96 *	94 *	104 *	119 *	120 *	98 *	96 *	105 *	115 *
19	112 *	110 *	83 *	97 *	93 *	101 *	119 *	119 *	98 *	95 *	101 *	111 *
20	112 *	110 *	80 *	94 *	92 *	98 *	122 *	117 *	100 *	93 *	99 *	112 *
21	112 *	108 *	80 *	94 *	92 *	103 *	125 *	112 *	102 *	99 *	98 *	106 *
22	110 *	108 *	80 *	92 *	92 *	106 *	132 *	109 *	101 *	102 *	98 *	104 *
23	110 *	108 *	85 *	95 *	91 *	112 *	129 *	108 *	99 *	101 *	100 *	101 *
24	108 *	108 *	84 *	101 *	89 *	117 *	131 *	109 *	98 *	97 *	100 *	100 *
25	108 *	111 *	82 *	108 *	94 *	110 *	130 *	109 *	96 *	95 *	99 *	96 *
26	108 *	112 *	85 *	104 *	102 *	140 *	128 *	110 *	95 *	94 *	98 *	95 *
27	108 *	110 *	88 *	102 *	106 *	136 *	136 *	109 *	93 *	96 *	98 *	94 *
28	110 *	110 *	96 *	102 *	104 *	155 *	142 *	106 *	90 *	110 *	98 *	93 *
29	112 *		103 *	100 *	103 *	165 *	141 *	111 *	92 *	109 *	98 *	89 *
30	110 *		97 *	103 *	100 *	141 *	146 *	126 *	95 *	109 *	96 *	87 *
31	110 *		90 *				152 *	130 *		109 *		86 *
Nivel Max.	114 *	116 *	114 *	109 *		288 *	252 *	158 *	130 *	112 *	108 *	132 *
Día	18	14	2	3		2	11	1	1	28	1	16
Hora	6	18	6	18		18	18	6	6	18	6	18
Nivel Mín.	108 *	108 *	80 *	86 *		98 *	108 *	106 *	90 *	92 *	88 *	86 *
Día	vv	vv	vv	1		22	8	28	28	20	15	31
Hora				6		6	18	6	6	18	18	6
Nivel Medio	110	111	94	96	103	121	136	122	104	101	98	98

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H731	COSANGA AJ QUIJOS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	131 *	127 *	100 *	111 *	205 *	137 *	135 *	131 *	156 *	90 *	118 *	159 *
2	147 *	125 *	100 *	110 *	173 *	139 *	130 *	129 *	167 *	90 *	138 *	155 *
3	146 *	120 *	98 *	108 *	160 *	138 *	135 *	129 *	162 *	88 *	161 *	154 *
4	144 *	117 *	96 *	123 *	172 *	135 *	130 *	128 *	161 *	91 *	190 *	150 *
5	140 *	115 *	95 *	148 *	151 *	131 *	129 *	128 *	157 *	85 *	210 *	148 *
6	135 *	112 *	94 *	165 *	150 *	129 *	124 *	131 *	153 *	85 *	200 *	148 *
7	128 *	126 *	106 *	225 *	144 *	127 *	130 *	132 *	150 *	84 *	193 *	146 *
8	123 *	132 *	114 *	183 *	142 *	133 *	136 *	139 *	143 *	85 *	183 *	144 *
9	119 *	130 *	119 *	243 *	158 *	131 *	129 *	146 *	138 *	86 *	173 *	141 *
10	116 *	173 *	121 *	210 *	176 *	127 *	131 *	174 *	135 *	87 *	171 *	138 *
11	112 *	200 *	124 *	183 *	173 *	129 *	156 *	198 *	133 *	84 *	183 *	133 *
12	110 *	175 *	133 *	173 *	167 *	127 *	130 *	197 *	130 *	87 *	180 *	134 *
13	107 *	165 *	128 *	169 *	156 *	128 *	127 *	197 *	125 *	83 *	174 *	129 *
14	105 *	161 *	126 *	159 *	145 *	131 *	122 *	184 *	122 *	80 *	170 *	127 *
15	101 *	153 *	125 *	157 *	140 *	131 *	118 *	187 *	120 *	80 *	165 *	125 *
16	100 *	147 *	124 *	152 *	135 *	130 *	122 *	187 *	120 *	87 *	160 *	121 *
17	147 *	137 *	122 *	147 *	131 *	122 *	126 *	185 *	118 *	85 *	172 *	118 *
18	96 *	129 *	138 *	142 *	129 *	125 *	112 *	171 *	116 *	85 *	188 *	116 *
19	94 *	125 *	141 *	140 *	138 *	124 *	119 *	175 *	113 *	94 *	185 *	115 *
20	90 *	120 *	138 *	138 *	160 *	127 *	121 *	161 *	113 *	96 *	184 *	114 *
21	89 *	127 *	135 *	135 *	174 *	127 *	119 *	169 *	112 *	96 *	182 *	113 *
22	88 *	126 *	134 *	133 *	187 *	127 *	120 *	162 *	110 *	95 *	181 *	112 *
23	125 *	124 *	131 *	130 *	188 *	129 *	112 *	161 *	107 *	95 *	173 *	110 *
24	141 *	118 *	127 *	129 *	178 *	132 *	127 *	160 *	105 *	98 *	167 *	109 *
25	148 *	115 *	124 *	150 *	172 *	137 *	131 *	164 *	103 *	96 *	163 *	108 *
26	144 *	112 *	123 *	151 *	163 *	132 *	124 *	168 *	102 *	95 *	162 *	106 *
27	139 *	107 *	120 *	165 *	153 *	129 *	119 *	163 *	98 *	93 *	157 *	102 *
28	136 *	97 *	119 *	160 *	147 *	132 *	133 *	161 *	96 *	94 *	167 *	100 *
29	132 *		116 *	190 *	139 *	138 *	135 *	167 *	94 *	95 *	177 *	100 *
30	131 *		115 *	225 *	137 *			164 *	91 *	96 *	172 *	98 *
31										96 *		93 *
Nivel Max.		200 *		250 *					167 *	98 *	220 *	160 *
Día		11		7					2	24	5	1
Hora		6		17					6	6	17	7
Nivel Mín.		94 *		108 *					90 *	80 *	115 *	92 *
Día		28		3					30	vv	1	31
Hora		17		6					6		6	17
Nivel Medio	122	133	119	158	158	130	127	161	125	90	173	125

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H763	QDA.MULA CORRAL AJ CALAMACA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	27 *	24 *	26 *	28 *	35 *	36 *	53 *	40 *	30 *	22 *	28 *	21 *
2	26 *	26 *	28 *	28 *	42 *	44 *	54 *	40 *	30 *	22 *	35 *	20 *
3	26 *	26 *	34 *	34 *	43 *	55 *	54 *	40 *	28 *	23 *	29 *	20 *
4	26 *	24 *	32 *	36 *	43 *	60 *	50 *	50 *	28 *	22 *	28 *	20 *
5	26 *	23 *	30 *	31 *	42 *	52 *	44 *	51 *	31 *	22 *	26 *	19 *
6	25 *	23 *	29 *	30 *	39 *	48 *	46 *	38 *	29 *	22 *	26 *	19 *
7	25 *	23 *	29 *	31 *	39 *	45 *	42 *	36 *	29 *	22 *	25 *	19 *
8	36 *	23 *	29 *	36 *	35 *	43 *	40 *	35 *	28 *	27 *	25 *	19 *
9	33 *	26 *	29 *	34 *	40 *	42 *	44 *	35 *	28 *	29 *	26 *	19 *
10	30 *	32 *	28 *	33 *	40 *	41 *	44 *	35 *	32 *	23 *	26 *	19 *
11	29 *	38 *	28 *	32 *	39 *	39 *	64 *	33 *	28 *	22 *	27 *	19 *
12	34 *	35 *	36 *	31 *	38 *	45 *	70 *	34 *	27 *	21 *	24 *	26 *
13	38 *	32 *	29 *	29 *	37 *	35 *	59 *	35 *	27 *	21 *	44 *	24 *
14	37 *	31 *	28 *	28 *	36 *	35 *	54 *	34 *	27 *	21 *	36 *	27 *
15	29 *	34 *	28 *	28 *	38 *	35 *	40 *	32 *	26 *	21 *	34 *	29 *
16	29 *	29 *	28 *	28 *	35 *	34 *	53 *	35 *	25 *	20 *	35 *	27 *
17	28 *	28 *	27 *	28 *	34 *	34 *	60 *	34 *	25 *	20 *	34 *	24 *
18	26 *	26 *	27 *	28 *	34 *	34 *	48 *	32 *	25 *	20 *	34 *	23 *
19	26 *	26 *	27 *	41 *	33 *	40 *	45 *	30 *	26 *	31 *	36 *	20 *
20	26 *	34 *	29 *	30 *	33 *	40 *	43 *	30 *	24 *	25 *	32 *	20 *
21	30 *	33 *	30 *	39 *	32 *	43 *	43 *	29 *	27 *	24 *	29 *	20 *
22	32 *	32 *	30 *	33 *	35 *	51 *	50 *	32 *	27 *	26 *	27 *	19 *
23	29 *	31 *	30 *	35 *	31 *	45 *	65 *	31 *	26 *	26 *	27 *	19 *
24	26 *	29 *	30 *	35 *	30 *	45 *	55 *	29 *	24 *	24 *	27 *	19 *
25	25 *	28 *	33 *	35 *	30 *	44 *	68 *	35 *	24 *	28 *	26 *	19 *
26	25 *	27 *	28 *	34 *	29 *	63 *	55 *	34 *	23 *	36 *	26 *	19 *
27	25 *	26 *	28 *	31 *	34 *	73 *	50 *	32 *	22 *	33 *	25 *	19 *
28	25 *	25 *	28 *	30 *	36 *	90 *	48 *	30 *	22 *	30 *	24 *	19 *
29	25 *		29 *	34 *	40 *	66 *	45 *	30 *	22 *	30 *	23 *	19 *
30	25 *		29 *	35 *	35 *	58 *	43 *	37 *	22 *	30 *	23 *	20 *
31	25 *		29 *		34 *		41 *	36 *		28 *		24 *
Nivel Max.	46 *	39 *	38 *	42 *	48 *	90 *	70 *	60 *	32 *	38 *	44 *	30 *
Día	8	15	2	19	2	28	12	4	5	27	13	15
Hora	17	7	7	7	17	7	7	17	17	17	7	17
Nivel Mín.	25 *	23 *	26 *	28 *	28 *	34 *	40 *	29 *	22 *	20 *	23 *	19 *
Día	vv	vv	1	vv	27	vv	vv	vv	vv	vv	vv	vv
Hora			17		17							
Nivel Medio	28	28	29	32	36	47	51	35	26	25	29	21

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H764 CALAMACA DJ Q.HUARCUSACHA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	78 *	76 *	78 *	75 *	81 *	95 *	109 *	94 *	85 *	77 *	86 *	78 *
2	78 *	81 *	91 *	86 *	97 *	101 *	109 *	94 *	84 *	77 *	95 *	78 *
3	78 *	78 *	85 *	87 *	101 *	110 *	102 *	94 *	84 *	78 *	87 *	78 *
4	78 *	77 *	82 *	90 *	98 *	115 *	103 *	96 *	84 *	78 *	86 *	77 *
5	78 *	76 *	80 *	83 *	95 *	108 *	100 *	107 *	90 *	77 *	84 *	77 *
6	78 *	76 *	79 *	83 *	91 *	94 *	100 *	93 *	86 *	77 *	82 *	77 *
7	77 *	76 *	79 *	82 *	89 *	92 *	96 *	90 *	85 *	77 *	82 *	77 *
8	96 *	76 *	79 *	85 *	96 *	92 *	94 *	87 *	84 *	82 *	84 *	77 *
9	83 *	79 *	78 *	84 *	95 *	90 *	100 *	88 *	84 *	80 *	86 *	77 *
10	79 *	81 *	78 *	83 *	99 *	88 *	100 *	89 *	92 *	79 *	85 *	76 *
11	79 *	100 *	78 *	82 *	97 *	91 *	140 *	88 *	83 *	78 *	87 *	76 *
12	79 *	80 *	93 *	85 *	96 *	102 *	130 *	89 *	81 *	77 *	83 *	83 *
13	94 *	89 *	90 *	88 *	95 *	93 *	115 *	89 *	80 *	75 *	84 *	82 *
14	93 *	86 *	78 *	81 *	94 *	90 *	105 *	87 *	83 *	76 *	97 *	85 *
15	86 *	94 *	78 *	81 *	100 *	88 *	100 *	87 *	81 *	74 *	94 *	86 *
16	80 *	82 *	78 *	80 *	88 *	87 *	115 *	93 *	80 *	74 *	95 *	84 *
17	79 *	81 *	80 *	81 *	87 *	87 *	120 *	88 *	80 *	74 *	97 *	80 *
18	78 *	79 *	80 *	81 *	86 *	89 *	102 *	87 *	78 *	74 *	96 *	79 *
19	78 *	78 *	80 *	95 *	85 *	90 *	100 *	85 *	78 *	99 *	94 *	78 *
20	78 *	83 *	83 *	84 *	84 *	98 *	100 *	83 *	78 *	81 *	93 *	78 *
21	87 *	85 *	83 *	92 *	83 *	108 *	97 *	82 *	80 *	78 *	92 *	75 *
22	82 *	86 *	83 *	86 *	82 *	103 *	120 *	88 *	86 *	77 *	85 *	75 *
23	79 *	84 *	83 *	89 *	82 *	100 *	120 *	90 *	81 *	76 *	84 *	74 *
24	80 *	82 *	83 *	98 *	81 *	100 *	110 *	83 *	79 *	78 *	83 *	74 *
25	79 *	81 *	105 *	90 *	80 *	112 *	112 *	96 *	79 *	78 *	82 *	75 *
26	78 *	78 *	82 *	85 *	90 *	135 *	100 *	94 *	78 *	94 *	81 *	74 *
27	78 *	78 *	82 *	84 *	97 *	150 *	100 *	84 *	77 *	92 *	81 *	72 *
28	78 *	77 *	82 *	83 *	99 *	137 *	100 *	84 *	77 *	86 *	80 *	75 *
29	78 *		83 *	90 *	91 *	119 *	105 *	84 *	77 *	90 *	79 *	79 *
30	78 *		82 *	82 *	85 *	114 *	98 *	91 *	77 *	91 *	79 *	90 *
31	78 *		82 *		83 *		95 *	95 *		86 *		80 *
Nivel Max.	114 *	100 *	110 *	110 *	112 *	150 *	140 *	120 *	92 *	100 *	100 *	118
Día	8	11	25	19	2	27	11	5	5	19	14	30
Hora	17	7	7	7	17	7	7	17	7	7	7	8
Nivel Min.	77 *	76 *	78 *	72 *	80 *	87 *	94 *	82 *	77 *	74 *	79 *	71
Día	7	vv	vv	1	24	vv	8	21	vv	vv	vv	27
Hora	7			7	7		17	7				7
Nivel Medio	81	81	82	85	90	102	106	90	82	80	87	78

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H783												
OZOGOCHE EN LOS LAGOS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	71 *	68 *	72 *	71 *	83 *		117 *	104 *	82 *	73 *	74 *	64 *
2	71 *	70 *	72 *	70 *	84 *		122 *	105 *	81 *	72 *	75 *	63 *
3	70 *	70 *	71 *	70 *	85 *		119 *	105 *	81 *	71 *	75 *	63 *
4	69 *	73 *	70 *	74 *	83 *		114 *	102 *	85 *	71 *	74 *	63 *
5	68 *	73 *	69 *	79 *	82 *		110 *	101 *	85 *	72 *	72 *	62 *
6	69 *	72 *	71 *	82 *	84 *		107 *	101 *	83 *	73 *	73 *	62 *
7	69 *	72 *	73 *	84 *	86 *		105 *	101 *	82 *	72 *	74 *	61 *
8	70 *	70 *	73 *	86 *	86 *		103 *	99 *	83 *	72 *	75 *	61 *
9	71 *	70 *	72 *	87 *	84 *		98 *	98 *	82 *	71 *	75 *	61 *
10	72 *	69 *	71 *	88 *	86 *		94 *	97 *	81 *	70 *	78 *	60 *
11	73 *	68 *	70 *	86 *	91 *		90 *	98 *	79 *	73 *	77 *	61 *
12	74 *	67 *	72 *	74 *	91 *		92 *	96 *	79 *	76 *	75 *	62 *
13	75 *	66 *	75 *	83 *	89 *		93 *	94 *	80 *	76 *	74 *	62 *
14	74 *	67 *	78 *	81 *		83 *	94 *	92 *	78 *	75 *	73 *	61 *
15	73 *	69 *	79 *	80 *		82 *	95 *	91 *	77 *	74 *	72 *	60 *
16	72 *	70 *	78 *	81 *		81 *	93 *	90 *	76 *	74 *	75 *	65 *
17	70 *	70 *	76 *	80 *		81 *	94 *	91 *	77 *	73 *	77 *	59 *
18	70 *	69 *	75 *	80 *		83 *	97 *	89 *	77 *	72 *	78 *	59 *
19	71 *	69 *	74 *	83 *		82 *	106 *	87 *	76 *	73 *	79 *	58 *
20	72 *	68 *	75 *	85 *		81 *	107 *	85 *	77 *	73 *	79 *	58 *
21	71 *	67 *	76 *	89 *		82 *	111 *	83 *	78 *	72 *	77 *	57 *
22	72 *	66 *	76 *	91 *		83 *	113 *	81 *	77 *	75 *	75 *	56 *
23	73 *	67 *	77 *	91 *		84 *	115 *	81 *	76 *	77 *	73 *	56 *
24	74 *	68 *	75 *	93 *		85 *	115 *	82 *	76 *	80 *	71 *	56 *
25	74 *	70 *	74 *	91 *		88 *	114 *	81 *	75 *	79 *	70 *	55 *
26	72 *	73 *	73 *	88 *		91 *	117 *	80 *	74 *	79 *	68 *	55 *
27	71 *	75 *	73 *	86 *		94 *	113 *	78 *	73 *	78 *	66 *	54 *
28	70 *	73 *	75 *	85 *		102 *	108 *	77 *	72 *	77 *	66 *	54 *
29	69 *		74 *	83 *		109 *	105 *	79 *	71 *	76 *	65 *	56 *
30	68 *		73 *	83 *		112 *	103 *	80 *	72 *	75 *	65 *	56 *
31	67 *		72 *				104 *	83 *		74 *		56 *
Nivel Max.	75 *	75 *	79 *	96 *			124 *	105 *	85 *	81 *	79 *	69 *
Día	13	27	15	23			2	vv	vv	24	vv	16
Hora	6	7	6	18			17			18		18
Nivel Mín.	67 *	66 *	69 *	64 *			90 *	77 *	71 *	70 *	64 *	54 *
Día	31	vv	5	12			11	27	29	10	30	vv
Hora	17		17	6			7	18	7	6	18	
Nivel Medio	71	69	73	82			105	90	78	74	73	59

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H787	ALAO EN HDA.ALAO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	81 *	78 *	74 *	79 *	104 *	105 *	128	125	98 *	93 *	83 *	55 *
2	77 *	101 *	75 *	80 *	153 *	187 *	161	184	91 *	76 *	82 *	55 *
3	76 *	92 *	88 *	152 *	138 *	137 *	139	138	90 *	109 *	79 *	55 *
4	99 *	90 *	85 *	124 *	107 *	107 *	118	121	97 *	83 *	74 *	54 *
5	83 *	83 *	81 *	95 *	105 *	98 *	113	118	106 *	75 *	70 *	52 *
6	73 *	79 *	127 *	93 *	139 *	120 *	123	127	93 *	78 *	75 *	55 *
7	75 *	72 *	86 *	99 *	130 *	105 *	102	119	85 *	98 *	77 *	54 *
8	75 *	75 *	81 *	115 *	125 *	108 *	96	120	87 *	95 *	74 *	53 *
9		94 *	86 *	104 *	117 *	98 *	119	95 *	89 *	85 *	74 *	53 *
10		97 *	82 *	97 *	109 *	88	191	112 *	124 *	78 *	73 *	54 *
11		128 *	77 *	83 *	103 *	103	191	108 *	88 *	76 *	74 *	56 *
12		119 *	78 *	81 *	102 *	156	234	101 *	87 *	72 *	71 *	77 *
13		94 *	71 *	78 *	102 *	116	166	106 *	87 *	69 *	67 *	88 *
14		151 *	69 *	77 *	99 *	104	134	102 *	100 *	72 *	89 *	135 *
15		99 *	67 *	77 *	112 *	100	137	97 *	88 *	83 *	93 *	140 *
16		81 *	65 *	74 *	89 *	90	204	105 *	86 *	73 *	104 *	
17	86 *	77 *	112 *	76 *	87 *	87	181	96 *	82 *	86 *	95 *	
18	84 *	74 *	78 *	103 *	102 *	86	164	93 *	77 *	120 *	85 *	
19	82 *	74 *	102 *	116 *	91 *	164	147	90 *	77 *	114 *	71 *	
20	77 *	69 *	130 *	98 *	84 *	180	137	87 *	81 *	84 *	69 *	
21	169 *	68 *	93 *	272 *	79 *	212	132	86 *	102 *	76 *	73 *	
22	161 *	104 *	80 *	101 *	80 *	245	175	114 *	96 *	77 *	70 *	
23	132 *	70 *	65 *	209 *	74 *	145	219	112 *	87 *	76 *	67 *	
24	91 *	79 *	71 *	108 *	71 *	140	169	99 *	86 *	84 *	64 *	
25	89 *	94 *	104 *	120 *	84 *	131	161	91 *	82 *	87 *	61 *	
26	86 *	73 *	91 *	102 *	80 *	219	151	86 *	76 *	90 *	60 *	
27	96 *	70 *	74 *	91 *	77 *	199	155	94 *	75 *	92 *	58 *	
28	116 *	73 *	68 *	89 *	81 *	221	162	105 *	74 *	88 *	56 *	
29	87 *		69 *	119 *	77 *	167	167	121 *	74 *	89 *	58 *	
30	84 *		72 *	108 *	77 *	146	175	163 *	94 *	96 *	56 *	54 *
31	81 *		73 *		72 *		130	123 *		85 *		55 *
Nivel Max.		155 *	175 *	320 *	170 *	360 *	267	268 *	128 *	135 *	120 *	
Día		14	6	21	2	20	16	5	10	18	16	
Hora		9	18	9	18	9		18	9	9	18	
Nivel Mín.		58 *	65 *	72 *	70 *	79 *	96	85 *	72 *	68 *	56 *	
Día		23	vv	17	31	13	8	21	29	14	vv	
Hora		9		9	9	9	19	18	9	18		
Nivel Medio	94	88	83	107	98	139	154	111	88	86	73	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H788	PUELA AJ CHAMBO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	57 *	47 *	48 *	58 *	57 *	55 *	54 *	47 *	54 *	45 *	44 *	48 *
2	52 *	79 *	46 *	50 *	62 *	91 *	62 *	55 *	55 *	46 *	44 *	48 *
3	46 *	52 *	45 *	90 *	57 *	82 *	52 *	53 *	60 *	49 *	42 *	46 *
4	51 *	48 *	44 *		60 *	83 *	44 *	48 *	54 *	42 *	42 *	46 *
5	50 *	46 *	43 *	51 *	59 *	57 *	50 *	88 *	46 *	41 *	42 *	45 *
6	53 *	46 *	65 *	53 *	59 *	53 *	59 *	51 *	43 *	48 *	40 *	43 *
7	49 *	45 *	80 *	58 *	54 *	52 *	46 *	47 *	53 *	48 *	40 *	40 *
8	48 *	44 *	64 *	85 *	57 *	55 *	42 *	45 *	57 *	48 *	38 *	38 *
9	48 *	49 *	58 *	98 *	48 *	49	43 *	45 *	53 *	51 *	38 *	38 *
10	50 *	45 *	82 *	82 *	57 *	45	95 *	44 *	57 *	49 *	40 *	38 *
11	55 *	60 *	83 *	61 *	52 *	50	85 *	65 *	57 *	48 *	44 *	37 *
12	78 *	54 *	88 *	51 *	51 *	87	107 *	46 *	56 *	47 *	42 *	35 *
13	75 *	53 *	87 *	49 *	51 *	67	66 *	77 *	56 *	45 *	40 *	34 *
14	55 *	47 *	71 *	48 *	46 *	50	50 *	66 *	56 *	50 *	41 *	43 *
15	52 *	52 *	70 *	48 *	51 *	49	47 *	58 *	42 *	56 *	50 *	46 *
16	51 *	47 *	75 *	47 *	45 *	47	65 *	55 *	40 *	43 *	47 *	46 *
17	55 *	45 *	82 *	48 *	60 *	52	70 *	54 *	56 *	41 *	43 *	45 *
18	53 *	45 *	49 *	67 *	51 *	48	55 *	48 *	56 *	48 *	43 *	45 *
19	55 *	46 *	75 *	82 *	47 *	78	51 *	47 *	55 *	45 *	42 *	50 *
20	51 *	46 *	73 *	51 *	44 *	86	51 *	43 *	57 *	45 *	42 *	48 *
21	88 *	45 *	54 *	130 *	49 *	88	54 *	40 *	42 *	43 *	44 *	47 *
22	94 *	48 *	53 *	52 *	47 *	120	48 *	39 *	46 *	40 *	44 *	45 *
23	56 *	46 *	49 *	143 *	57 *	73	72 *	38 *	42 *	38 *	46 *	44 *
24	51 *	49 *	48 *	61 *	47 *	58	84 *	43 *	54 *	45 *	46 *	43 *
25	67 *	46 *	55 *	59 *	48 *	51 *	62 *	46 *	51 *	49 *	45 *	47 *
26	52 *	54 *	61 *	52 *	57 *	98 *	60 *	55 *	53 *	48 *	45 *	48 *
27	54 *	55 *	58 *	54 *	55 *	69 *	54 *	56 *	55 *	43 *	44 *	65 *
28	63 *	51 *	54 *	64 *	60 *	82 *	67 *	55 *	53 *	48 *	42 *	51 *
29	56 *		68 *	81 *	55 *	71 *	51 *	58 *	53 *	44 *	42 *	48 *
30	50 *		64 *	61 *	50 *	58 *	57 *	87 *	52 *	44 *	47 *	47 *
31	48 *		50 *		48 *		47 *	58 *		44 *		46 *
Nivel Max.	100 *	82 *	105 *		68 *	149	114 *	126 *	60 *	58 *	57 *	78 *
Día	22	2	11		2	20	10	5	3	15	15	27
Hora	7	18	18		18	10	7	18	18	18	18	18
Nivel Mín.	46 *	44 *	43 *		43 *	43 *	41 *	38 *	40 *	38 *	36 *	32 *
Día	3	8	5		20	10	8	22	16	1	10	13
Hora	7	7	7		7	7	18	18	7	7	7	18
Nivel Medio	57	49	62	66	53	67	59	53	52	46	43	45

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H789 GUARGUALLA AJ CEBADAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	54 *	54 *	55 *	59 *	68 *	68 *	84 *	93 *	69 *	59 *	69 *	55 *
2	55 *	60 *	82 *	56 *	79 *	79 *	96 *	93 *	69 *	59 *	69 *	55 *
3	54 *	60 *	84 *	72 *	69 *		92 *	92 *	72 *	61 *	67 *	55 *
4	54 *	58 *	59 *	74 *	71 *	71 *	81 *	94 *	72 *	59 *	66 *	54 *
5	54 *	56 *	59 *	64 *	80 *	69 *	77 *	94 *	75 *	59 *	65 *	53 *
6	52 *	52 *	85 *	59 *	88 *	74 *	75 *	90 *	71 *	59 *	61 *	49 *
7	53 *	52 *	60 *	62 *	75 *	70 *	75 *	90 *	71 *	58 *	64 *	50 *
8	55 *	51 *	59 *	77 *	66 *	77 *	72 *	82 *	69 *	67 *	65 *	49 *
9	58 *	55 *	58 *	64 *	87 *	73 *	83 *	78 *	69 *	60 *	63 *	52 *
10	58 *	58 *	59 *	64 *	77 *	60 *	94 *		70 *	60 *		51 *
11	54 *	54 *	55 *		77 *	62 *	110 *		69 *	60 *	62 *	52 *
12	54 *	59 *	56 *	59 *	76 *	59 *	105 *	76 *	71 *	59 *	63 *	52 *
13	54 *	62 *	58 *	59 *	69 *	63 *	105 *	77 *		59 *	62 *	53 *
14	54 *	62 *	57 *	55 *	70 *	62 *	93 *	79 *	69 *	57 *	61 *	59 *
15	52 *	64 *	56 *	54 *	77 *	61 *	92 *	78 *	68 *	59 *	66 *	55 *
16	53 *	57 *	53 *	53 *	75 *	60 *	91 *	77 *	69 *	59 *	60 *	51 *
17	53 *	56 *	50 *	54 *	74 *	30 *	100 *	74 *	69 *	55 *	58 *	52 *
18	53 *	55 *	51 *	62 *	73 *	61 *	90 *	73 *	60 *	59 *	58 *	52 *
19	54 *	57 *	52 *	98 *	63 *	61 *	90 *	72 *	59 *	70 *	59 *	51 *
20	53 *	67 *	67 *	88 *	61 *	49 *	95 *	70 *		70 *	58 *	53 *
21	67 *	58 *	64 *	85 *	63 *	94 *	95 *	70 *	63 *	59 *	58 *	50 *
22	78 *	60 *	60 *	70 *	60 *	105 *	99 *	69 *	60 *	61 *	57 *	49 *
23	65 *	60 *	56 *	79 *	59 *	84 *	105 *	71 *	60 *	61 *	58 *	50 *
24	55 *	59 *	52 *	73 *	60 *	76 *	105 *	69 *	59 *	62 *	57 *	49 *
25	57 *	56 *	61 *	74 *		79 *	110 *	70 *	59 *	67 *	58 *	57 *
26	56 *	53 *	58 *	73 *	60 *	98 *	98 *		58 *	66 *	56 *	62 *
27	57 *	53 *	54 *	65 *	65 *	99 *	99 *	74 *	58 *	66 *	55 *	59 *
28	59 *	53 *	59 *	61 *	70 *	106 *	98 *	38 *	59 *	75 *	57 *	
29	59 *		55 *	76 *	61 *	100 *	95 *	71 *	59 *	76 *	55 *	
30	59 *		55 *	75 *	61 *	95 *	95 *	71 *	59 *	76 *	55 *	
31	56 *		54 *		65 *		91 *	69 *		77 *		
Nivel Max.	79 *	67 *	110 *				120 *			77 *		
Día	21	20	6				13			31		
Hora	18	18	18				18			18		
Nivel Mín.	52 *	48 *	50 *				71 *			51 *		
Día	vv	11	17				8			17		
Hora		6	6				6			6		
Nivel Medio	56	57	59	67	70	74	93	77	65	63	60	53

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H790 CEBADAS AJ GUAMOTE												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	126 *	123 *	121 *	129 *	141 *	149 *	188 *	166 *	149 *	125 *	155 *	99 *
2	122 *	122 *	124 *	126 *	162 *	155 *	183 *	162 *	144 *	117 *	160 *	100 *
3	120 *	133 *	128 *	162 *	182 *	161 *	191 *	163 *	144 *	125 *	155 *	98 *
4	121 *	127 *	123 *	144 *	153 *	167 *	179 *	159 *	139 *	119 *	133 *	97 *
5	120 *	125 *	126 *	135 *	159 *	151 *	166 *	183 *	135 *	120 *	135 *	93 *
6	119 *	123 *	126 *	134 *	167 *	146 *	166 *	179 *	133 *	129 *	129 *	94 *
7	117 *	123 *	127 *	143 *	163 *	143 *	159 *	166 *	136 *	135 *	125 *	99 *
8	121 *	122 *	122 *	174 *	164 *	141 *	157 *	159 *	133 *	153 *	126 *	98 *
9	141 *	126 *	119 *	168 *	169 *	144 *	161 *	156 *	132 *	128 *	124 *	99 *
10	127 *	140 *	123 *	156 *	165 *	139 *	190 *	152 *	137 *	125 *	124 *	96 *
11	124 *	140 *	122 *	149 *	161 *	136 *	195 *	147 *	134 *	121 *	119 *	99 *
12	123 *	158 *	124 *	144 *	161 *	164 *	245 *	146 *	135 *	121 *	123 *	101 *
13	134 *	142 *	125 *	139 *	157 *	160 *	204 *	144 *	136 *	123 *	126 *	103 *
14	123 *	138 *	122 *	134 *	147 *	149 *	189 *	143 *	134 *	117 *	127 *	118 *
15	120 *	137 *	120 *	131 *	145 *	142 *	180 *	136 *	130 *	114 *	123 *	113 *
16	119 *	131 *	121 *	134 *	142 *	139 *	164 *	139 *	125 *	115 *	121 *	115 *
17	123 *	128 *	126 *	131 *	137 *	134 *	235 *	142 *	121 *	117 *	119 *	114 *
18	122 *	125 *	125 *	135 *	140 *	137 *	195 *	141 *	124 *	116 *	115 *	111 *
19	121 *	124 *	123 *	203 *	141 *	185 *	189 *	135 *	120 *	126 *	116 *	106 *
20	123 *	131 *	128 *	133 *	138 *	162 *	188 *	131 *	118 *	127 *	113 *	101 *
21	163 *	127 *	129 *	205 *	132 *	190 *	176 *	131 *	116 *	118 *	111 *	100 *
22	138 *	151 *	126 *	161 *	123 *	220 *	198 *	128 *	132 *	114 *	109 *	101 *
23	134 *	133 *	123 *	164 *	120 *	186 *	235 *	138 *	125 *	120 *	109 *	99 *
24	131 *	128 *	125 *	161 *	117 *	178 *	229 *	133 *	123 *	124 *	109 *	99 *
25	128 *	125 *	123 *	152 *	119 *	168 *	233 *	132 *	122 *	150 *	108 *	99 *
26	126 *	122 *	123 *	147 *	128 *	214 *	215 *	136 *	120 *	123 *	105 *	99 *
27	129 *	120 *	126 *	150 *	145 *	205 *	193 *	135 *	118 *	136 *	100 *	98 *
28	133 *	119 *	126 *	148 *	136 *	225 *	184 *	145 *	114 *	198 *	103 *	97 *
29	138 *		123 *	150 *	132 *	218 *	190 *	142 *	116 *	150 *	102 *	96 *
30	137 *		128 *	147 *	138 *	199 *	181 *	160 *	127 *	153 *	100 *	129 *
31	127 *		124 *		139 *		178 *	171 *		153 *		105 *
Nivel Max.	165 *	163 *	132 *	225 *	185 *	235 *	270 *	200 *	150 *	200 *	170 *	130 *
Día	21	22	20	21	2	28	17	5	1	28	2	30
Hora	17	7	17	7	17	7	17	17	7	7	17	7
Nivel Mín.	116 *	118 *	118 *	125 *	116 *	132 *	156 *	127 *	113 *	113 *	100 *	90 *
Día	7	28	9	2	24	17	8	22	28	18	vv	6
Hora	17	17	17	17	17	17	17	17	17	7		7
Nivel Medio	127	130	124	149	146	167	191	148	129	129	121	102

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H791	BALSACON EN SAN ANDRES											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	34 *	36 *	36 *	36 *	35 *	36 *	6 *	12 *	8 *	11 *	20 *	13 *
2	33 *	36 *	37 *	37 *	35 *	36 *	8 *	13 *	10 *	12 *	20 *	13 *
3	31 *	33 *	37 *	38 *	35 *	34 *	8 *	13 *	12 *	16 *	18 *	13 *
4	33 *	36 *	38 *	36 *	34 *	35 *	9 *	13 *	11 *	17 *	18 *	12 *
5	34 *	36 *	36 *	28 *	36 *	35 *	8 *	14 *	11 *	15 *	15 *	8 *
6	33 *	35 *	36 *	36 *	37 *	34 *	9 *	13 *	11 *	9 *	15 *	0 *
7	35 *	35 *	37 *	30 *	37 *	34 *	10 *	13 *	9 *	9 *	14 *	6 *
8	34 *	35 *	37 *	30 *	38 *	6 *	9 *	12 *	10 *	9 *	13 *	12 *
9	35 *	36 *	37 *	22 *	37 *	8 *	8 *	12 *	11 *	36 *	13 *	13 *
10	36 *	36 *	38 *	20 *	38 *	8 *	9 *	11 *	10 *	12 *	12 *	12 *
11	35 *	35 *	37 *	19 *	37 *	8 *	9 *	10 *	8 *	11 *	14 *	10 *
12	33 *	36 *	36 *	19 *	36 *	10 *	9 *	12 *	10 *	12 *	15 *	12 *
13	31 *	37 *	36 *	18 *	35 *	10 *	8 *	11 *	10 *	14 *	14 *	12 *
14	35 *	37 *	38 *	33 *	38 *	12 *	7 *	11 *	6 *	10 *	14 *	14 *
15	33 *	37 *	39 *	35 *	37 *	15 *	9 *	13 *	7 *	12 *	13 *	13 *
16	34 *	37 *	37 *	35 *	38 *	14 *	9 *	13 *	6 *	9 *	12 *	12 *
17	35 *	36 *	37 *	15 *	38 *	14 *	9 *	7 *	8 *	7 *	12 *	15 *
18	34 *	35 *	37 *	12 *	37 *	13 *	10 *	9 *	8 *	9 *	11 *	14 *
19	35 *	37 *	36 *	16 *	36 *	15 *	12 *	10 *	7 *	9 *	13 *	14 *
20	36 *	38 *	35 *	23 *	36 *	14 *	12 *	9 *	6 *	13 *	13 *	13 *
21	34 *	37 *	35 *	25 *	36 *	13 *	11 *	9 *	7 *	12 *	13 *	12 *
22	35 *	36 *	36 *	29 *	37 *	15 *	9 *	9 *	4 *	13 *	14 *	13 *
23	35 *	37 *	37 *	28 *	37 *	15 *	8 *	5 *	0 *	12 *	14 *	12 *
24	34 *	35 *	38 *	27 *	35 *	7 *	7 *	6 *	0 *	21 *	14 *	13 *
25	36 *	36 *	38 *	30 *	36 *	12 *	8 *	0 *	0 *	15 *	17 *	13 *
26	35 *	38 *	36 *	29 *	35 *	14 *	9 *	0 *	6 *	10 *	13 *	14 *
27	35 *	37 *	36 *	35 *	37 *	15 *	11 *	0 *	12 *	16 *	12 *	6 *
28	36 *	37 *	37 *	38 *	37 *	14 *	9 *	0 *	11 *	11 *	12 *	0 *
29	34 *		38 *	37 *	30 *	14 *	8 *	0 *	12 *	9 *	12 *	0 *
30	36 *		37 *	38 *	36 *	15 *	9 *	6 *	12 *	8 *	11 *	0 *
31	36 *		37 *		34 *		9 *	12 *		9 *		0 *
Nivel Max.	36 *	38 *	39 *	40 *	38 *	38 *	12 *	14 *	12 *	37 *	20 *	15 *
Día	vv	vv	15	14	vv	6	vv	5	vv	9	vv	5
Hora			17	17		17		7		17		7
Nivel Mín.	30 *	33 *	35 *	12 *	30 *	6 *	6 *	0 *	0 *	7 *	9 *	0 *
Día	3	3	vv	18	29	24	1	vv	vv	17	30	vv
Hora	7	17		7	17	7	7			7	17	
Nivel Medio	34	36	37	28	36	17	9	9	8	12	14	10

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998												
H792	CUTUCHI AJ YANAYACU											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	54 *	43 *	67 *	87 *	87 *	88 *	71 *	61 *	44 *	39 *	85 *	39 *
2	52 *	44 *	78 *	73 *	93 *	117 *	69 *	59 *	42 *	39 *	97 *	36 *
3	50 *	45 *	78 *	71 *	88 *	110 *	66 *	58 *	40 *	38 *	95 *	36 *
4	48 *	41 *	70 *	88 *	122 *	111 *	66 *	52 *	40 *	38 *	92 *	31 *
5	46 *	41 *	65 *	75 *	111 *	104 *	68 *	52 *	43 *	38 *	91 *	31 *
6	48 *	41 *	66 *	80 *	105 *	94 *	63 *	55 *	43 *	38 *	92 *	61 *
7	47 *	41 *	63 *	76 *	98 *	88 *	57 *	56 *	41 *	45 *	87 *	37 *
8	56 *	40 *	56 *	75 *	95 *	85 *	55 *	52 *	41 *	41 *	86 *	42 *
9	76 *	41 *	52 *	76 *	94 *	82 *	57 *	50 *	40 *	41 *	72 *	34 *
10	75 *	55 *	52 *	77 *	92 *	81 *	57 *	57 *	40 *	39 *	71 *	36 *
11	64 *	96 *	82 *	82 *	85 *	76 *	97 *	62 *	40 *	39 *	71 *	40 *
12	57 *	85 *	62 *	79 *	83 *	80 *	115 *	48 *	39 *	38 *	113 *	44 *
13	64 *	76 *	61 *	89 *	81 *	73 *	100 *	45 *	40 *	38 *	87 *	44 *
14	53 *	69 *	65 *	97 *	78 *	73 *	88 *	43 *	53 *	38 *	95 *	47 *
15	47 *	83 *	61 *	76 *	76 *	70 *	64 *	46 *	56 *	46 *	87 *	47 *
16	48 *	103 *	60 *	86 *	73 *	62 *	63 *	47 *	43 *	50 *	94 *	45 *
17	46 *	70 *	58 *	82 *	77 *	54 *	66 *	47 *	41 *	49 *	86 *	40 *
18	44 *	68 *	57 *	108 *	74 *	51 *	64 *	44 *	41 *	51 *	67 *	43 *
19	45 *	68 *	53 *	91 *	67 *	56 *	62 *	44 *	41 *	56 *	63 *	45 *
20	46 *	78 *	51 *	96 *	59 *	65 *	99 *	44 *	40 *	55 *	60 *	38 *
21	45 *	82 *	51 *	90 *	57 *	66 *	76 *	43 *	39 *	51 *	80 *	46 *
22	46 *	78 *	52 *	94 *	52 *	72 *	70 *	45 *	40 *	62 *	71 *	37 *
23	45 *	67 *	46 *	88 *	50 *	68 *	96 *	44 *	40 *	56 *	74 *	36 *
24	43 *	63 *	48 *	96 *	50 *	58 *	80 *	43 *	40 *	62 *	55 *	34 *
25	46 *	61 *	55 *	87 *	50 *	57 *	76 *	43 *	40 *	76 *	54 *	34 *
26	42 *	57 *	67 *	85 *	48 *	69 *	77 *	43 *	40 *	84 *	55 *	34 *
27	42 *	55 *	65 *	84 *	54 *	72 *	64 *	43 *	40 *	98 *	49 *	35 *
28	43 *	52 *	78 *	84 *	111 *	114 *	62 *	43 *	39 *	99 *	60 *	41 *
29	65 *		94 *	96 *	94 *	87 *	62 *	50 *	39 *	88 *	58 *	39 *
30	57 *		83 *	90 *	89 *	85 *	71 *	63 *	39 *	88 *	57 *	44 *
31	47 *		87 *		89 *		60 *	68 *		85 *		54 *
Nivel Max.	80 *	130 *	108 *	111 *	128 *	130 *	130 *	70 *	62 *	108 *	130 *	64 *
Día	9	16	29	18	4	2	12	31	15	28	12	6
Hora	7	7	7	7	17	17	17	7	7	7	7	7
Nivel Mín.	40 *	38 *	44 *	68 *	46 *	48 *	52 *	42 *	38 *	36 *	46 *	30 *
Día	27	8	23	3	26	18	8	13	9	3	27	4
Hora	17	17	17	17	17	17	17	17	17	17	17	17
Nivel Medio	51	62	64	85	80	79	72	50	41	55	77	40

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H793 NAGSICHE PLTA.ELEC.CUSUBAMBA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	45 *	40 *	50 *		115 *	100 *	80 *	80 *				50 *
2	45 *	40 *	45 *		115 *	100 *	80 *	80 *				50 *
3	45 *	40 *	45 *		100 *	110 *	80 *	80 *				50 *
4	45 *	40 *	45 *		106 *	100 *	80 *	80 *				60 *
5	45 *	35 *	55 *		100 *	100 *	80 *	75 *				60 *
6	45 *	35 *	55 *		100 *	100 *	85 *	75 *				60 *
7	45 *	30 *	60 *		100 *	90 *	90 *	73 *				60 *
8	45 *	30 *	60 *		100 *	90 *	90 *	70 *				60 *
9	45 *	30 *	60 *		90 *	90 *	90 *	65 *				60 *
10	43 *	45 *	70 *		90 *	90 *	90 *	65 *				60 *
11	40 *	70 *	75 *		85 *	90 *	90 *	65 *				60 *
12	45 *	65 *	78 *		80 *	90 *	85 *	65 *				70 *
13	50 *	65 *	73 *		80 *	90 *	85 *	65 *				65 *
14	50 *	70 *	70 *		70 *	85 *	85 *	65 *				65 *
15	48 *	70 *	65 *		80 *	85 *	85 *	65 *				65 *
16	45 *	63 *	63 *		80 *	85 *	80 *	63 *				60 *
17	45 *	55 *	60 *		80 *	80 *	75 *	63 *				60 *
18	45 *	50 *	60 *		80 *	80 *	75 *	63 *				60 *
19	45 *	48 *	55 *		70 *	80 *	75 *	60 *				60 *
20	45 *	88 *	65 *		70 *	78 *	85 *	60 *				55 *
21	45 *	80 *	80 *		70 *	90 *	90 *	55 *				55 *
22	40 *	70 *	80 *		70 *	90 *	88 *	55 *				55 *
23	40 *	65 *	80 *		70 *	85 *	88 *	55 *				60 *
24	50 *	55 *	80 *		70 *	85 *	85 *	53 *				60 *
25	50 *	65 *	90 *		70 *	85 *	85 *	50 *				60 *
26	50 *	65 *	90 *		95 *	85 *	85 *	50 *				60 *
27	40 *	90 *	90 *		90 *	85 *	85 *	50 *				60 *
28	40 *	80 *	85 *		95 *	85 *	85 *	50 *				60 *
29	40 *		90 *		90 *	80 *	80 *	50 *				60 *
30	40 *		100 *		90 *	80 *	80 *	50 *				60 *
31	40 *		100 *		100 *		80 *	50 *				60 *
Nivel Max.	50 *	90 *	100 *		118 *	110 *	90 *	80 *				70 *
Día	vv	27	vv		1	3	vv	vv				12
Hora		7			17	7						7
Nivel Min.	40 *	30 *	45 *		70 *	75 *	75 *	50 *				50 *
Día	vv	vv	vv		vv	17	vv	vv				vv
Hora						17						
Nivel Medio	45	56	70		87	89	84	63				59

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

H817		PATATE DJ AMBATO											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1		97 *	88 *	97 *	119 *	111 *	139 *	93 *	100 *			101 *
	2	94 *	96 *	102 *	97 *	125 *	125 *	135 *	93 *				100 *
	3	94 *		104 *	83 *	110 *	150 *	141 *	94 *	99 *			99 *
	4	79 *	90 *	87 *	84 *	132 *	167 *		96 *	82 *			97 *
	5	68 *	96 *			204 *	147 *	173 *	103 *	83 *			89 *
	6	70 *	96 *	88 *	103 *	146 *	121 *	188 *	103 *	74 *			95 *
	7	89 *	95 *	89 *	98 *	121 *	115 *	188 *	99 *	73 *			84 *
	8	100 *	89 *		90 *	115 *	113 *	193 *	89 *				91 *
	9	90 *	100 *	99 *		116 *	104 *	196 *	88 *	94 *			87 *
	10	93 *	104 *	96 *	97 *	111 *	95 *	202 *	88 *	92 *			94 *
	11	92 *	105 *	83 *	99 *	109 *	104 *	221 *	87 *	96 *			98 *
	12	88 *	108 *	85 *	93 *	106 *	101 *	218 *	85 *	88 *			95 *
	13		111 *	82 *	95 *	100 *	106 *	213 *	79 *	94 *			87 *
	14	86 *	116 *	75 *	95 *	99 *	99 *	199 *	78 *	92 *			89 *
	15	87 *	125 *	74 *	94 *	99 *	96 *	198 *	75 *	94 *			84 *
	16	89 *	116 *		89 *	99 *	99 *	189 *	73 *	90 *			84 *
	17	90 *		78 *	88 *	95 *	102 *	156 *		88 *			90 *
	18	90 *	96 *	82 *	92 *	90 *	108 *	108 *	76 *	88 *			85 *
	19	84 *	98 *	100 *	167 *		109 *	107 *	78 *	86 *			86 *
	20	72 *	102 *	92 *		89 *	112 *	114 *	78 *	98 *			91 *
	21	72 *	103 *	73 *	113 *	87 *	114 *	116 *	76 *	94 *			89 *
	22	78 *	95 *	73 *	116 *	86 *		119 *	75 *				75 *
	23	75 *	96 *	79 *	127 *	75 *	117 *	135 *	73 *	83 *			74 *
	24	69 *	95 *	84 *	128 *	86 *	113 *	142 *	72 *	76 *			71 *
	25		88 *	97 *	116 *	90 *	124 *	144 *		71 *			69 *
	26	83 *	94 *	96 *	113 *	93 *	134 *	136 *	80 *	69 *			66 *
	27	78 *	89 *	102 *	116 *	92 *	146 *	123 *	83 *	72 *			75 *
	28	72 *	91 *	104 *	110 *	139 *	146 *	123 *	86 *	76 *			72 *
	29	66 *		103 *	115 *	126 *	144 *	121 *	99 *	83 *			75 *
	30	74 *		102 *	113 *	116 *	146 *	109 *	106 *	86 *			74 *
	31	77 *				111 *		107 *	105 *				88 *
Nivel Max.													102 *
Día													1
Hora													16
Nivel Mín.													62 *
Día													26
Hora													16
Nivel Medio		82	99	89	104	109	119	155	86	86			85

NOTA: * DATOS LIMNIMETRICOS

1998

1998													
H889 ZAMORA DJ SABANILLA(EN ZAMORA)													
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		71 *	57 *	52 *	101	91	75	114	90	77	97	127	42
2		84 *	74 *	92 *	92	89	126	103	93	65	89	83	43
3		69 *	98 *	62 *	152	89	131	122	128	63	72	70	42
4		139 *	61 *	71 *	166	104	102	103	108	60	57	67	41
5		120 *	58 *	92 *	109	112	77	93	103	69	50	65	43
6		84 *	55 *	75 *	89	97	72	95	85	65	47	56	40
7		72 *	67 *	66 *	98	92	68	95	84	58	51	54	44
8		105 *	54 *	69 *	107	117	79	85	78	57	61	52	41
9		73 *	75 *	65 *	96	98	72	82	80	55	115	52	38
10		65 *	65 *	63 *	88	102	67	92	75	77	91	85	39
11		65 *	57 *	56 *	77	98	94	136	80	74	56	56	35
12		93 *	65 *	88 *	90	79	196	159	76	56	56	57	44
13		97 *	84 *	98 *	91	82	167	106	71	52	47	79	44
14		79 *	69 *	66 *	81	83	148	88	69	57	44	99	54
15		85 *	64 *	58 *	72	102	96	84	66	72	47	117	92
16		75 *	64 *	59 *	69	117	83	86	66	53	64	89	149
17		98 *	58 *	72 *	80	117	82	133	67	51	47	148	120
18		75 *	53 *	62 *	104	115	79	105	65	50	45	89	65
19		80 *	79 *	59 *	195	88	86	118	62	47	56	72	53
20		69 *	75 *	149	115	79	157	108	61	47	69	73	54
21		92 *	80 *	101	132	75	189	134	72	58	51	62	50
22		73 *	70 *	81	112	72	236	143	83	76	53	74	52
23		64 *	61 *	70	148	69	160	121	91	51	73	67	44
24		61 *	52 *	95	111	67	123	124	75	56	86	60	40
25		73 *	51 *	103	110	64	179	136	61	56	117	53	42
26		79 *	73 *	103	95	63	202	130	61	49	91	53	37
27		97 *	57 *	73	85	91	137	110	70	46	78	51	39
28		83 *	62 *	75	85	77	118	116	117	44	87	47	36
29		69 *		126	81	65	105	100	102	49	95	47	37
30		69 *		85	142	72	102	102	134	88	81	45	45
31		59 *		73		119		97	141		75		59
Nivel Max.		175 *	122 *	153	264	194	307	226	197	116	188	192	174
Día		4	3	20	23	31	12	11	30	30	19	1	16
Hora		18	7	16	13	8	2	20	20	9	22	13	16
Nivel Min.		58 *	51 *	51 *	69	62	66	80	59	43	43	44	35
Día		25	25	1	16	29	11	10	27	28	15	30	30
Hora		7	7	18	7	23	3		5	22		22	11
Nivel Medio		81	65	79	106	90	120	110	84	59	69	72	52

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H892	MAZAR AJ PAUTE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1							38 *	36 *	25 *	8 *	28 *	8 *
2							36 *	38 *	20 *	8 *	37 *	8 *
3							38 *	36 *	20 *	8 *	28 *	8 *
4							35 *	36 *	20 *	8 *	20 *	8 *
5							40 *	45 *	20 *	8 *	15 *	5 *
6							35 *	39 *	19 *	8 *	10 *	5 *
7							30 *	35 *	18 *	8 *	10 *	5 *
8							29 *	30 *	18 *	9 *	10 *	5 *
9							26 *	28 *	18 *	12 *	10 *	5 *
10							54 *	28 *	18 *	8 *	10 *	2 *
11							65 *	27 *	18 *	8 *	10 *	2 *
12							77 *	25 *	18 *	8 *	10 *	2 *
13							49 *	25 *	18 *	8 *	10 *	2 *
14							46 *	25 *	18 *	8 *	18 *	2 *
15							41 *	22 *	18 *	8 *	25 *	2 *
16							40 *	22 *	15 *	8 *	20 *	2 *
17							80 *	20 *	15 *	5 *	15 *	0 *
18							47 *	20 *	15 *	5 *	12 *	0 *
19						18 *	38 *	20 *	15 *	5 *	12 *	0 *
20						21 *	36 *	19 *	15 *	5 *	11 *	0 *
21						24 *	30 *	19 *	23 *	5 *	10 *	0 *
22						31 *	40 *	18 *	17 *	5 *	10 *	0 *
23						28 *	45 *	18 *	10 *	5 *	10 *	0 *
24						28 *	51 *	18 *	10 *	45 *	10 *	0 *
25						32 *	41 *	18 *	10 *	26 *	10 *	0 *
26						53 *	31 *	18 *	10 *	28 *	8 *	0 *
27						45 *	48 *	18 *	10 *	20 *	8 *	0 *
28						44 *	45 *	24 *	10 *	20 *	8 *	0 *
29						39 *	49 *	20 *	10 *	23 *	8 *	0 *
30						40 *	44 *	35 *	10 *	28 *	8 *	0 *
31							39 *	30 *		30 *		0 *
Nivel Max.							80 *	50 *	26 *	60 *	40 *	8 *
Día							17	5	21	24	2	vv
Hora							8	17	17	8	17	
Nivel Mín.							25 *	18 *	10 *	5 *	8 *	0 *
Día							9	vv	vv	vv	vv	vv
Hora							17					
Nivel Medio							43	26	16	12	14	2

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H895	TOMBAMBA EN MONAY											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	33 *	30 *	65 *	138 *	92 *	101 *	101 *	57 *	42 *	19 *	92 *	14 *
2	29 *	27 *	111 *	149 *	70 *	100 *	87 *	53 *	37 *	20 *	88 *	12 *
3	28 *	29 *	90 *	147 *	96 *	89 *	92 *	56 *	35 *	17 *	68 *	50 *
4	26 *	26 *	78 *	138 *	132 *	92 *	81 *	77 *	32 *	15 *	62 *	50 *
5	24 *	27 *	59 *	112 *	167 *	74 *	77 *	72 *	48 *	14 *	56 *	45 *
6	23 *	26 *	53 *	95 *	166 *	63 *	71 *	93 *	34 *	13 *	49 *	85 *
7	25 *	24 *	57 *	84 *	157 *	58 *	62 *	88 *	34 *	14 *	51 *	11 *
8	40 *	30 *	53 *	84 *	134 *	69 *	66 *	72 *	32 *	16 *	50 *	85 *
9	96 *	41 *	67 *	101 *	95 *	59 *	58 *	118 *	34 *	16 *	71 *	80 *
10	64 *	39 *	55 *	89 *	88 *	54 *	66 *	93 *	39 *	14 *	95 *	65 *
11	44 *	74 *	66 *	80 *	89 *	49 *	104 *	84 *	37 *	16 *	88 *	45 *
12	45 *	141 *	102 *	103 *	82 *	38 *	141 *	64 *	34 *	19 *	70 *	13 *
13	50 *	102 *	103 *	97 *	74 *	34 *	103 *	62 *	34 *	15 *	49 *	15 *
14	39 *	83 *	85 *	133 *	65 *	41 *	83 *	63 *	35 *	14 *	58 *	13 *
15	40 *	120 *	75 *	91 *	60 *	54 *	72 *	59 *	31 *	13 *	45 *	50 *
16	42 *	101 *	67 *	105 *	57 *	45 *	66 *	45 *	32 *	12 *	57 *	27 *
17	38 *	63 *	63 *	100 *	54 *	41 *	168 *	50 *	32 *	14 *	59 *	21 *
18	44 *	58 *	66 *	136 *	51 *	40 *	103 *	49 *	28 *	12 *	49 *	16 *
19	39 *	68 *	53 *	136 *	52 *	36 *	95 *	42 *	26 *	17 *	44 *	13 *
20	35 *	88 *		141 *	50 *	38 *	89 *	33 *	28 *	15 *	38 *	11 *
21	52 *	92 *		124 *	45 *	58 *	73 *	33 *	27 *	16 *	39 *	90 *
22	58 *	95 *		108 *	41 *	92 *	88 *	38 *	26 *	14 *	32 *	75 *
23	52 *	79 *	63 *	95 *	37 *	114 *	101 *	37 *	27 *	33 *	32 *	65 *
24	44 *	66 *	103 *	121 *	33 *	87 *	111 *	35 *	26 *	56 *	33 *	50 *
25	42 *	56 *	90 *	96 *	33 *	74 *	135 *	36 *	24 *	61 *	26 *	55 *
26	38 *	50 *	68 *	83 *	31 *	135 *	117 *	32 *	22 *	119 *	20 *	65 *
27	36 *	46 *	60 *	78 *	107 *	108 *	97 *	33 *	20 *	91 *	17 *	60 *
28	33 *	49 *	73 *	67 *	96 *	113 *	75 *	33 *	18 *	106 *	17 *	65 *
29	35 *		155 *	70 *	67 *	101 *	81 *	33 *	20 *	118 *	15 *	51 *
30	34 *		114 *	69 *	61 *	88 *	74 *	35 *	22 *	107 *	16 *	11 *
31	32 *		135 *		74 *		67 *	57 *		90 *		12 *
Nivel Max.	155 *	157 *		164 *	171 *	138 *	169 *	157 *	49 *	140 *	98 *	90 *
Día	9	12		14	5	26	17	9	5	29	9	3
Hora	18	8		7	18	7	8	18	8	18	18	18
Nivel Mín.	22 *	23 *		65 *	30 *	33 *	56 *	31 *	17 *	11 *	14 *	10 *
Día	6	7		28	26	13	9	26	28	16	29	20
Hora	18	18		18	8	18	18	18	18	7	18	18
Nivel Medio	40	61	79	106	79	71	90	56	30	36	49	42

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

1998

H896	MATADERO EN SAYAUSI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	72	65	102	140	90	101	127	94	86	55	128	54 *
2	71	63	128	125	91	107	123	89	78	55	119	53 *
3	70	63	119	126	101	110	125	89	74	55	108	48
4	68	62	105	126	124	118	121	89	73	55	106	45
5	68	59	97	118	128	109	114	103	73	53	99	47
6	67	55	92	110	126	102	108	103	73	53	93	55
7	69	56	91	104	118	96	102	102	73	52	90	48
8	80	67	91	102	123	91	96	108	69	58	85	46
9	95	84	91	100	118	90	90	128	68	58	83	43
10	84	79	86	104	113	86	93	124	76	62	85	39
11	82	138	82	106	114	83	113	107	73	58	84	41
12	80	151	132	108	106	81	151	98	70	55	79	49
13	79	124	123	116	101	79	136	92	71	51	79	57
14	77	112	107	123	96	88	120	88	74	50	105	55
15	75	115	106	104	92	91	109	83	68	48	88	63
16	73	109	102	113	89	82	108	80	68	47	91	70
17	71	99	95	117	86	77	138	80	72	51	92	65
18	73	93	91	113	88	76	127	76	72	50	87	59
19	76	98	87	136	83	76	117	70	69	48	83	56
20	78	106	88	137	79	77	115	70	71	52	79	53
21	79	105	84	132	76	102	108	67	72	53	76	48
22	82	103	80	119	73	121	130	68	75	69	75	48
23	80	108	84	117	70	135	134	70	70	79	74	44
24	76	101	101	113	68	114	141	73	65	94	73	42
25	73	93	94	109	68	106	153	70	64	91	68	41
26	70	89	89	106	67	126	142	70	60	139	64	39
27	70	85	84	100	95	124	128	70	60	125	64	40
28	73	87	104	95	106	131	118	74	60	134	60	43
29	69		136	91	91	128	111	75	57	147	58	42
30	69		123	90	87	123	105	77	55	145	58	53
31	68		138		87		100	97		129		54
Nivel Max.	159	205	164	169	167	148	164	180	93	206	160	79
Día	9	11	29	19	4	23	25	9	1	29	1	16
Hora	16	21	19	21	18	7	19	17	2	21		13
Nivel Mín.	66	55	78	89	66	71	90	65	55	46	58	38
Día	7	8	22	30	26	20	10	22	30	14	vv	29
Hora	20	8	9	9	18	11	9	10		23		11
Nivel Medio	75	92	101	113	95	101	119	87	70	73	84	50

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

H897	SURUCUCHO AJ LLULLUCCHAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	46 *	55 *	55 *	64 *	62 *	76 *	76 *	54 *	46 *	79 *	48 *
2	54 *	47 *	57 *	57 *	66 *	63 *	74 *	78 *	53 *	45 *	78 *	48 *
3	53 *	47 *	59 *	59 *	68 *	62 *	74 *	79 *	53 *	45 *	78 *	47 *
4	52 *	49 *	62 *	62 *	69 *	61 *	73 *	80 *	53 *	44 *	77 *	47 *
5	51 *	50 *	63 *	63 *	71 *	59 *	72 *	79 *	52 *	44 *	76 *	46 *
6	50 *	53 *	63 *	63 *	72 *	59 *	72 *	78 *	51 *	44 *	75 *	45 *
7	49 *	56 *	62 *	62 *	73 *	58 *	73 *	77 *	51 *	43 *	74 *	44 *
8	46 *	59 *	59 *	59 *	73 *	58 *	73 *	77 *	49 *	42 *	74 *	43 *
9	49 *	61 *	59 *	59 *	76 *	59 *	76 *	75 *	50 *	42 *	73 *	43 *
10	52 *	63 *	60 *	60 *	78 *	59 *	78 *	74 *	51 *	41 *	72 *	42 *
11	53 *	65 *	63 *	63 *	78 *	60 *	81 *	70 *	52 *	41 *	70 *	41 *
12	56 *	70 *	72 *	72 *	76 *	60 *	82 *	69 *	54 *	40 *	69 *	42 *
13	57 *	75 *	75 *	75 *	75 *	61 *	84 *	66 *	56 *	41 *	69 *	44 *
14	59 *	74 *	79 *	79 *	75 *	61 *	85 *	65 *	57 *	42 *	68 *	46 *
15	61 *	71 *	75 *	75 *	73 *	59 *	85 *	64 *	55 *	42 *	66 *	46 *
16	64 *	69 *	71 *	71 *	71 *	57 *	83 *	64 *	54 *	43 *	65 *	46 *
17	67 *	69 *	66 *	66 *	70 *	55 *	82 *	63 *	54 *	44 *	65 *	45 *
18	66 *	72 *	65 *	65 *	68 *	53 *	79 *	63 *	54 *	46 *	63 *	45 *
19	65 *	73 *	64 *	64 *	67 *	57 *	76 *	62 *	53 *	47 *	60 *	44 *
20	62 *	74 *	64 *	64 *	65 *	59 *	79 *	62 *	53 *	47 *	59 *	44 *
21	59 *	72 *	63 *	63 *	64 *	62 *	77 *	61 *	52 *	48 *	58 *	43 *
22	58 *	70 *	62 *	62 *	64 *	63 *	80 *	60 *	51 *	50 *	57 *	43 *
23	56 *	67 *	62 *	62 *	63 *	64 *	82 *	60 *	50 *	53 *	56 *	41 *
24	54 *	67 *	62 *	62 *	61 *	66 *	82 *	59 *	50 *	57 *	53 *	39 *
25	53 *	64 *	63 *	63 *	59 *	67 *	83 *	58 *	49 *	63 *	50 *	37 *
26	52 *	63 *	65 *	65 *	57 *	68 *	83 *	58 *	48 *	69 *	50 *	37 *
27	51 *	62 *	67 *	67 *	55 *	70 *	82 *	57 *	48 *	74 *	51 *	38 *
28	49 *	58 *	68 *	68 *	55 *	71 *	81 *	56 *	68 *	78 *	52 *	40 *
29	48 *		71 *	73 *	56 *	73 *	80 *	56 *	47 *	82 *	51 *	42 *
30	47 *		73 *	75 *	58 *	75 *	78 *	55 *	47 *	82 *	50 *	43 *
31	45 *		75 *		59 *		76 *	54 *		81 *		43 *
Nivel Max.	67 *	76 *	79 *	79 *	78 *	75 *	85 *	80 *	88 *	83 *	79 *	48 *
Día	17	13	14	14	vv	30	vv	4	28	29	1	vv
Hora	7	18	6	6		6		6	6	18	6	
Nivel Mín.	45 *	45 *	54 *	54 *	54 *	50 *	71 *	54 *	46 *	40 *	50 *	37 *
Día	31	1	1	1	27	18	6	31	30	12	vv	vv
Hora	18	6	6	6	18	6	6	18	18	6		
Nivel Medio	55	63	65	65	67	62	79	66	52	52	64	43

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998												
H899	SAN FRANCISCO EN GUALACEO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	69 *	84 *	66 *	85 *	82 *	77 *	168 *	97 *	117 *	65 *	61 *	111 *
2	67 *	87 *	71 *	101 *	78 *	77 *	162 *	100 *	118 *	64 *	61 *	104 *
3	69 *	82 *	72 *	171 *	82 *	86 *	147 *	109 *	111 *	63 *	63 *	92 *
4	98 *	77 *	70 *	122 *	89 *	101 *	99 *	102 *	107 *	62 *	65 *	89 *
5	92 *	75 *	67 *	102 *	101 *	96 *	95 *	100 *	101 *	64 *	62 *	85 *
6	81 *	74 *	67 *	88 *	110 *	88 *	92 *	98 *	97 *	68 *	60 *	79 *
7	86 *	72 *	69 *	77 *	93 *	79 *	87 *	93 *	92 *	71 *	59 *	78 *
8	113 *	70 *	67 *	75 *	96 *	72 *	82 *	82 *		74 *	58 *	
9	88 *	74 *	65 *	83 *	107 *	72 *	86 *	78 *	87 *	73 *		82 *
10	73 *	77 *	62 *	85 *		81 *	117 *	76 *	83 *	72 *	59 *	84 *
11	76 *	98 *	64 *	80 *	106 *	94 *	154 *	77 *	81 *		59 *	79 *
12	85 *	89 *	67 *	75 *	88 *	99 *	131 *	77 *	80 *	70 *	58 *	77 *
13	82 *	83 *	67 *	70 *	78 *	89 *	99 *	73 *	77 *	69 *	61 *	77 *
14	79 *	80 *	66 *	69 *	87 *	96 *	92 *	71 *	75 *	68 *	63 *	78 *
15	77 *	79 *	66 *	68 *	99 *	90 *	87 *	68 *	74 *	66 *	61 *	76 *
16	74 *	77 *	67 *	66 *	116 *	85 *	100 *	66 *	73 *	69 *	61 *	78 *
17	70 *	78 *	68 *	65 *	118 *	79 *	199 *	66 *		70 *	66 *	79 *
18	73 *	77 *	66 *	67 *	110 *	78 *	156 *	67 *	72 *	68 *	81 *	78 *
19	76 *	75 *	75 *	87 *	93 *	90 *	116 *	68 *	69 *	67 *	65 *	78 *
20	81 *	74 *	100 *	94 *	82 *	138 *	111 *	69 *	76 *	66 *	63 *	77 *
21	88 *	73 *	91 *	121 *	76 *	115 *	105 *	70 *	84 *	65 *	63 *	78 *
22	88 *	72 *	79 *	92 *	75 *	112 *	114 *	73 *	80 *		64 *	76 *
23	81 *		72 *	88 *	74 *	115 *	116 *	76 *	77 *	68 *	63 *	92 *
24	76 *	70 *	71 *	87 *	72 *	115 *	125 *	78 *	76 *	71 *	61 *	85 *
25	75 *	69 *	72 *	83 *	69 *	120 *	116 *	79 *	74 *	73 *	60 *	82 *
26	74 *	68 *	68 *	79 *	67 *	112 *	113 *	74 *	72 *	76 *	61 *	80 *
27	72 *	67 *	66 *	75 *	99 *		99 *	71 *	70 *	102 *	61 *	79 *
28	75 *	66 *	66 *	72 *	88 *	95 *	95 *	71 *		109 *	60 *	71 *
29	76 *		69 *	80 *	75 *	125 *	102 *	71 *	67 *	104 *	61 *	66 *
30	73 *		71 *	87 *	72 *	151 *	106 *	87 *	66 *	105 *	61 *	62 *
31	78 *		76 *		71 *		99 *	85 *		96 *		
Nivel Max.	120 *		102 *	186 *			201 *	110 *				
Día	8		20	3			17	3				
Hora	6		6	6			18	6				
Nivel Mín.	66 *		62 *	64 *			79 *	65 *				
Día	3		10	17			9	16				
Hora	6		18	18			6	18				
Nivel Medio	79	76	70	86	88	97	115	80	83	74	62	81

NOTA: * DATOS LIMNIMETRICOS

1998												
H929	COLLAY AJ PAUTE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	170 *	178 *	160 *	168 *	159 *	163 *	220 *	181 *	188 *	200 *	174 *	168 *
2		178 *	160 *	164 *	157 *	163 *	203 *	194 *	186 *	198 *	173 *	167 *
3	170 *	174 *	160 *	160 *	156 *	163 *	197 *	205 *	184 *	193 *	171 *	167 *
4		167 *	159 *	159 *	155 *	161 *	214 *	203 *	177 *	188 *	169 *	166 *
5	169 *		161 *	165 *	165 *	160 *	195 *	189 *		180 *	169 *	165 *
6	169 *		162 *	164 *	170 *	154 *	194 *	188 *	174 *	179 *	167 *	165 *
7	176 *	169 *	194 *	163 *	169 *	160 *	187 *	185 *	172 *	177 *		163 *
8	181 *	167 *	208 *	171 *		161 *	186 *	184 *	169 *	170 *	165 *	163 *
9	169 *	177 *	189 *	172 *	169 *	160 *	185 *	181 *	168 *	169 *	164 *	162 *
10	169 *	190 *	189 *	171 *	168 *	160 *	183 *	175 *	159 *	168 *	163 *	162 *
11	170 *	192 *	187 *	171 *	169 *	160 *	180 *	172 *	158 *	168 *	162 *	161 *
12	170 *		185 *	169 *	176 *	158 *	178 *	169 *	161 *	167 *	161 *	161 *
13	169 *	190 *	184 *	169 *	183 *	158 *	176 *	167 *		166 *	161 *	160 *
14	169 *	187 *	182 *	168 *	180 *	164 *	174 *	167 *	169 *	165 *		159 *
15	168 *	181 *	181 *	168 *	176 *	172 *	171 *	185 *				
16	167 *	179 *	178 *	169 *	176 *	178 *	169 *		170 *		159 *	
17	167 *	176 *	173 *	167 *	172 *	177 *			185 *	161 *	158 *	171 *
18	165 *	176 *	170 *	166 *	170 *	173 *		205 *	192 *	160 *	175 *	172 *
19	164 *	173 *		162 *	169 *	175 *	180 *	223 *	197 *	159 *	180 *	170 *
20	163 *	170 *	178 *	163 *	167 *	196 *	177 *	228 *	194 *		189 *	169 *
21	165 *	169 *	176 *	163 *	164 *	258 *	176 *	234 *	190 *	180 *	181 *	169 *
22	175 *	169 *	176 *	169 *	164 *	291 *	175 *	240 *	187 *	191 *	181 *	167 *
23	181 *	167 *	174 *	166 *	171 *	300 *	169 *	230 *	180 *	198 *	180 *	174 *
24	179 *		174 *	172 *	170 *	268 *	168 *	228 *	178 *	195 *	179 *	180 *
25			169 *	171 *	171 *	230 *	165 *		176 *	190 *		179 *
26	174 *		176 *	170 *	172 *	230 *		243 *		184 *	179 *	179 *
27	172 *	162 *	182 *	168 *	170 *	230 *	169 *	250 *		179 *	180 *	175 *
28	170 *	162 *	180 *	169 *	169 *	220 *	168 *	228 *	188 *	178 *	179 *	173 *
29	170 *		178 *	166 *	168 *	220 *	166 *	220 *	200 *	177 *	178 *	172 *
30	179 *		169 *	161 *	166 *	230 *			223 *		169 *	
31			169 *		163 *							169 *
Nivel Max.				172 *		300 *						
Día				vv		23						
Hora						17						
Nivel Mín.				159 *		154 *						
Día				4		6						
Hora				7		7						
Nivel Medio	171	175	176	167	168	193	182	203	181	178	172	168

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998													
HA2D		PORTOVIEJO EN PICOAZA											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	305 *	457 *	440 *	482 *	326 *	290 *	288 *	153 *	114 *	94 *	76 *	66 *
	2	365 *	436 *	486 *	516 *	317 *	274 *	271 *	155 *	112 *	90 *	73 *	71 *
	3	425 *	426 *	490 *	541 *	464 *	309 *	282 *	168 *	110 *	88 *	77 *	72 *
	4	488 *	418 *	447 *	428 *	522 *	336 *	274 *	162 *	109 *	87 *	75 *	77 *
	5	460 *	414 *	440 *	464 *	513 *	360 *	255 *	155 *	111 *	90 *	72 *	69 *
	6	391 *	405 *	470 *	490 *	413 *	396 *	235 *	156 *	107 *	88 *	73 *	74 *
	7	340 *	381 *	510 *	541 *	372 *	409 *	217 *	149 *	106 *	86 *	77 *	72 *
	8	315 *	364 *	439 *	561 *	358 *	433 *	203 *	145 *	109 *	88 *	72 *	68 *
	9	303 *	391 *	458 *	591 *	370 *	440 *	203 *	141 *	108 *	90 *	73 *	64 *
	10	316 *	403 *	490 *	624 *	370 *	413 *	215 *	141 *	105 *	91 *	77 *	68 *
	11	350 *	385 *	465 *	589 *	455 *	380 *	189 *	144 *	106 *	88 *	73 *	66 *
	12	415 *	404 *	465 *	499 *	388 *	362 *	180 *	163 *	106 *	85 *	76 *	68 *
	13	342 *	421 *	443 *	565 *	473 *	369 *	191 *	136 *	104 *	86 *	75 *	67 *
	14	331 *	429 *	534 *	625 *	471 *	344 *	192 *	134 *	105 *	84 *	74 *	74 *
	15	211 *	419 *	574 *	640 *	479 *	326 *	175 *	132 *	103 *	84 *	77 *	66 *
	16	222 *	411 *	596 *	588 *	475 *	315 *	183 *	131 *	104 *	86 *	73 *	64 *
	17	358 *	418 *	603 *	510 *	396 *	291 *	221 *	129 *	95 *	83 *	70 *	65 *
	18	344 *	440 *	577 *	492 *	386 *	266 *	208 *	125 *	79 *	82 *	74 *	67 *
	19	366 *	474 *	522 *	483 *	379 *	271 *	187 *	129 *	97 *	86 *	85 *	66 *
	20	356 *	495 *	474 *	437 *	405 *	278 *	191 *	128 *	87 *	84 *	81 *	67 *
	21	395 *	444 *	470 *	421 *	370 *	288 *	195 *	126 *	80 *	81 *	72 *	68 *
	22	357 *	507 *	462 *	424 *	370 *	279 *	258 *	123 *	86 *	79 *	62 *	65 *
	23	339 *	504 *	529 *	463 *	455 *	288 *	259 *	119 *	92 *	80 *	90 *	66 *
	24	380 *	497 *	575 *	488 *	372 *	269 *	188 *	118 *	94 *	80 *	73 *	65 *
	25	440 *	481 *	626 *	496 *	358 *	254 *	183 *	115 *	88 *	75 *	64 *	65 *
	26	425 *	463 *	614 *	468 *	388 *	236 *	177 *	113 *	83 *	74 *	76 *	65 *
	27	435 *	448 *	587 *	436 *	401 *	223 *	174 *	118 *	82 *	72 *	71 *	65 *
	28	430 *	455 *	558 *	450 *	506 *	234 *	179 *	115 *	83 *	76 *	62 *	64 *
	29	390 *		542 *	415 *	480 *	270 *	154 *	111 *	89 *	73 *	52 *	64 *
	30	366 *		518 *	346 *	635 *	290 *		106 *	90 *	74 *	56 *	63 *
	31	344 *		542 *		317 *			107 *		78 *		63 *
	Nivel Max.	495 *	542 *	660 *	657 *	670 *	445 *		190 *	114 *	95 *	95 *	78 *
	Día	4	24	25	11	30	9		12	1	1	23	4
	Hora	17	17	7	7	17	7		7	17	7	17	7
	Nivel Min.	210 *	350 *	410 *	340 *	301 *	222 *		104 *	78 *	71 *	48 *	62 *
	Día	15	17	4	30	31	27		30	18	27	29	31
	Hora	7	17	7	17	7	7		7	17	17	17	17
	Nivel Medio	365	435	514	502	419	316	211	134	98	83	73	67

NOTA: * DATOS LIMNIMETRICOS

1998													
HA2H		CLEMENTINA EN CLEMENTINA											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1					300 *	313 *	220 *	170 *	143 *	127 *	104 *	104 *
	2					322 *	315 *	220 *	169 *	141 *	126 *	104 *	103 *
	3					385 *	304 *	215 *	167 *	140 *	126 *	104 *	102 *
	4					407 *	326 *	214 *	159 *	140 *	126 *	104 *	102 *
	5					410 *	339 *	209 *	154 *	140 *	124 *	104 *	102 *
	6					351 *	293 *	233 *	159 *	140 *	124 *	104 *	102 *
	7					325 *	324 *	220 *	161 *	140 *	122 *	110 *	102 *
	8					311 *	333 *	243 *	160 *	140 *	122 *	110 *	102 *
	9					374 *	300 *	215 *	159 *	139 *	110 *	110 *	102 *
	10					320 *	294 *	209 *	162 *	138 *	110 *	110 *	102 *
	11					328 *	311 *	208 *	158 *	138 *	110 *	110 *	102 *
	12					306 *	280 *	207 *	157 *	137 *	110 *	110 *	102 *
	13					322 *	267 *	205 *	156 *	136 *	109 *	110 *	102 *
	14					327 *	260 *	203 *	156 *	135 *	108 *	110 *	104 *
	15					371 *	267 *	202 *	156 *	134 *	108 *	110 *	106 *
	16					317 *	256 *	203 *	156 *	134 *	108 *	110 *	114 *
	17					319 *	278 *	206 *	152 *	134 *	107 *	108 *	119 *
	18					317 *	268 *	202 *	150 *	134 *	106 *	108 *	113 *
	19					306 *	252 *	198 *	150 *	134 *	106 *	108 *	106 *
	20					309 *	276 *	198 *	150 *	134 *	106 *	108 *	108 *
	21					307 *	252 *	195 *	150 *	134 *	106 *	108 *	106 *
	22					300 *	256 *	191 *	149 *	133 *	106 *	106 *	106 *
	23					285 *	247 *	190 *	147 *	132 *	106 *	106 *	106 *
	24					281 *	244 *	189 *	146 *	132 *	106 *	106 *	106 *
	25					274 *	236 *	187 *	146 *	132 *	106 *	106 *	106 *
	26					410 *	246 *	185 *	145 *	131 *	106 *	106 *	106 *
	27					508 *	234 *	183 *	144 *	130 *	106 *	106 *	106 *
	28					380 *	234 *	181 *	144 *	130 *	105 *	104 *	106 *
	29					337 *	233 *	179 *	144 *	128 *	104 *	104 *	135 *
	30					354 *	226 *	177 *	144 *	128 *	104 *	104 *	132 *
	31					324 *		172 *	144 *		104 *		122 *
Nivel Max.						590 *	390 *	268 *	170 *	144 *	128 *	110 *	140 *
Día						27	5	8	1	1	1	vv	29
Hora						6	6	6	6	6	6		18
Nivel Mín.						270 *	222 *	170 *	144 *	128 *	104 *	104 *	102 *
Día						25	30	31	vv	vv	vv	vv	vv
Hora						18	18	18					
Nivel Medio						338	275	202	154	135	111	107	108

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

1998

1998													
HA2K		ABRAS DE MANTEQUILLA											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	617 *	619 *	690 *	677 *	567 *	541 *	458 *	213 *	199 *	180 *	173 *	167 *
	2	608 *	623 *	685 *	582 *	572 *	539 *	457 *	202 *	198 *	178 *	173 *	167 *
	3	600 *	629 *	678 *	589 *	584 *	483 *	449 *	200 *	195 *	178 *	173 *	166 *
	4	604 *	633 *	670 *	597 *	593 *	527 *	443 *	200 *	192 *	178 *	173 *	166 *
	5	613 *	673 *	663 *	588 *	602 *	518 *	436 *	296 *	191 *	177 *	173 *	166 *
	6	615 *	650 *	653 *	583 *	615 *	506 *	428 *	291 *	190 *	177 *	172 *	166 *
	7	611 *	644 *	644 *	577 *	625 *	497 *	421 *	290 *	188 *	176 *	172 *	165 *
	8	607 *	639 *	636 *	571 *	637 *	490 *	420 *	290 *	188 *	176 *	172 *	165 *
	9	605 *	633 *	627 *	570 *	650 *	483 *	417 *	290 *	188 *	176 *	172 *	165 *
	10	602 *	629 *	618 *	571 *	638 *	477 *	406 *	287 *	187 *	176 *	172 *	165 *
	11	600 *	625 *	606 *	576 *	682 *	468 *	398 *	283 *	187 *	176 *	171 *	165 *
	12	609 *	621 *	600 *	579 *	690 *	460 *	390 *	279 *	187 *	176 *	170 *	165 *
	13	619 *	620 *	598 *	583 *	684 *	453 *	383 *	275 *	187 *	176 *	170 *	165 *
	14	632 *	618 *	594 *	589 *	677 *	446 *	377 *	270 *	187 *	176 *	170 *	165 *
	15	642 *	614 *	593 *	592 *	670 *		369 *	263 *	187 *	176 *	170 *	164 *
	16	648 *	605 *	597 *	599 *	663 *		358 *	251 *	186 *	176 *	170 *	164 *
	17	648 *	600 *	599 *	599 *	673 *		347 *	244 *	185 *	175 *	170 *	164 *
	18	639 *	598 *	593 *	594 *	681 *		338 *	239 *	184 *	175 *	170 *	164 *
	19	630 *	588 *	582 *	591 *	677 *		326 *	235 *	184 *	175 *	168 *	164 *
	20	619 *	578 *	567 *	589 *	663 *		316 *	235 *	184 *	175 *	168 *	164 *
	21	610 *	570 *	545 *	583 *	653 *		310 *	235 *	184 *	174 *	168 *	164 *
	22	601 *	585 *	525 *	579 *	636 *		297 *	233 *	183 *	174 *	168 *	163 *
	23	598 *	605 *	513 *	574 *	621 *		290 *	230 *	183 *	174 *	168 *	163 *
	24	597 *	624 *	518 *	569 *	610 *		283 *	230 *	183 *	174 *	168 *	163 *
	25	596 *	638 *	526 *	563 *	598 *	402 *	277 *	228 *	183 *	174 *	167 *	163 *
	26	598 *	648 *	535 *	572 *	590 *	398 *	268 *	227 *	182 *	173 *	167 *	163 *
	27	604 *	665 *	545 *	551 *	588 *	415 *	257 *	223 *	180 *	173 *	167 *	162 *
	28	608 *	682 *	552 *	547 *	570 *	415 *	248 *	219 *	180 *	173 *	167 *	162 *
	29	609 *		562 *	543 *	554 *	431 *	238 *	214 *	180 *	173 *	167 *	162 *
	30	612 *		568 *	548 *	547 *	446 *	230 *	210 *	180 *	173 *	167 *	162 *
	31	615 *		569 *				222 *	203 *				162 *
	Nivel Max.	649 *	695 *	690 *	775 *			460 *	298 *	200 *		173 *	167 *
	Día	17	5	1	1			1	5	1		vv	vv
	Hora	7	7	7	7			18	7	7			
	Nivel Min.	596 *	570 *	510 *	542 *			220 *	200 *	180 *		167 *	162 *
	Día	25	21	23	29			31	vv	vv		vv	vv
	Hora	18	7	18	18			18					
	Nivel Medio	613	623	595	581	627	470	350	245	186	175	170	164

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

1998

SAMBORONDON EN SAMBORONDON													
HA2L	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	473 *	456 *	476 *	489 *	482 *	428 *	313 *	309 *	311 *	339 *	379 *	365 *
	2	466 *	460 *	483 *	485 *	465 *	439 *	332 *	318 *	361 *	339 *	382 *	392 *
	3	476 *	465 *	493 *	476 *	445 *	447 *	347 *	333 *	388 *	343 *	337 *	367 *
	4	462 *	470 *	498 *	463 *	413 *	454 *	362 *	359 *	386 *	342 *	279 *	320 *
	5	456 *	477 *	506 *	471 *	432 *	464 *	390 *	386 *	347 *	334 *	243 *	272 *
	6	448 *	482 *	536 *	484 *	467 *	468 *	401 *	382 *	310 *	334 *	194 *	197 *
	7	455 *	485 *	538 *	488 *	479 *	476 *	399 *	377 *	260 *	315 *	179 *	172 *
	8	479 *	491 *	539 *	499 *	490 *	475 *	376 *	370 *	226 *	289 *	176 *	169 *
	9	495 *	499 *	545 *	512 *	484 *	440 *	343 *	348 *	218 *	258 *	174 *	164 *
	10	528 *	496 *	538 *	516 *	449 *	398 *	269 *	314 *	220 *	263 *	187 *	165 *
	11	547 *	466 *	504 *	511 *	414 *	375 *	258 *	285 *	213 *	267 *	202 *	189 *
	12	551 *	433 *	484 *	489 *	379 *	356 *	240 *	257 *	222 *	259 *	249 *	220 *
	13	501 *	431 *	462 *	478 *	384 *	339 *	237 *	215 *	231 *	240 *	292 *	259 *
	14	480 *	430 *	451 *	482 *	393 *	337 *	243 *	207 *	254 *	221 *	326 *	342 *
	15	465 *	430 *	457 *	494 *	409 *	336 *	257 *	242 *	293 *	326 *	342 *	331 *
	16	461 *	428 *	460 *	502 *	422 *	333 *	281 *	270 *	329 *	389 *	337 *	380 *
	17	474 *	432 *	476 *	509 *	433 *	341 *	327 *	339 *	363 *	386 *	344 *	276 *
	18	477 *	436 *	480 *	504 *	441 *	355 *	354 *	386 *	393 *	371 *	334 *	282 *
	19	482 *	442 *	486 *	491 *	458 *	374 *	379 *	389 *	336 *	316 *	277 *	287 *
	20	485 *	446 *	492 *	478 *	469 *	408 *	411 *	378 *	271 *	250 *	240 *	263 *
	21	489 *	449 *	499 *	470 *	475 *	423 *	408 *	338 *	208 *	191 *	229 *	263 *
	22	491 *	455 *	505 *	474 *	486 *	420 *	386 *	283 *	191 *	178 *	209 *	249 *
	23	495 *	468 *	513 *	481 *	492 *	422 *	361 *	247 *	178 *	161 *	173 *	241 *
	24	502 *	483 *	494 *	493 *	503 *	347 *	328 *	190 *	194 *	161 *	189 *	241 *
	25	504 *	493 *	475 *	507 *	487 *	296 *	303 *	175 *	216 *	180 *	216 *	271 *
	26	507 *	506 *	467 *	542 *	471 *	266 *	250 *	175 *	237 *	200 *	238 *	296 *
	27	493 *	486 *	480 *	540 *	448 *	245 *	208 *	184 *	247 *	235 *	257 *	319 *
	28	479 *	470 *	471 *	519 *	431 *	258 *	234 *	199 *	271 *	267 *	283 *	317 *
	29	454 *		480 *	502 *	414 *	269 *	255 *	212 *	289 *	304 *	312 *	301 *
	30	441 *		489 *	492 *	412 *	296 *	278 *	225 *	303 *	333 *	340 *	309 *
	31	446 *		487 *		427 *		292 *	247 *		358 *		321 *
Nivel Max.		557 *	513 *	568 *	549 *	504 *	481 *	435 *	411 *	401 *	417 *	405 *	412 *
Día		11	26	6	26	24	8	20	20	17	6	18	27
Hora		18	18	7	18	18	7	18	7	18	7	7	18
Nivel Mín.		437 *	409 *	443 *	459 *	369 *	234 *	187 *	164 *	151 *	128 *	139 *	129 *
Día		30	16	14	5	12	27	27	26	23	24	23	6
Hora		7	7	7	7	7	7	7	7	7	7	7	7
Nivel Medio		482	463	492	495	447	376	317	288	275	282	264	275

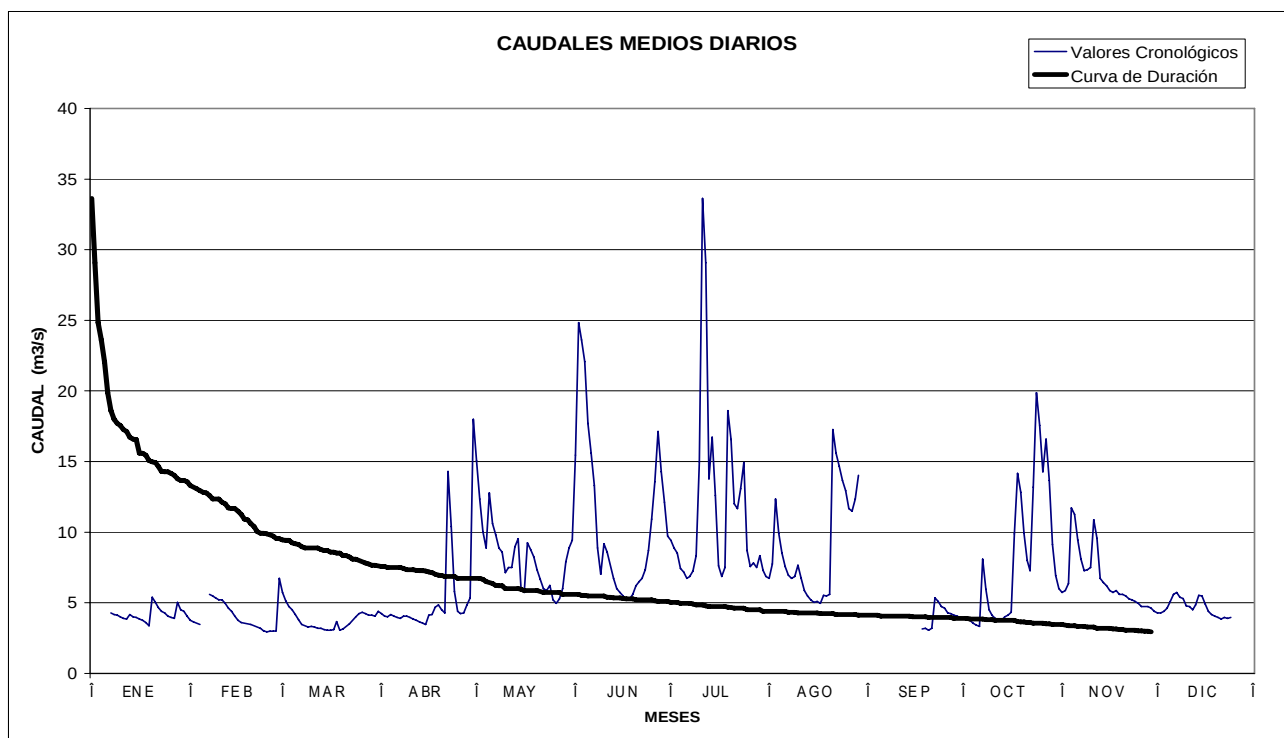
NOTA: * DATOS LIMNIMETRICOS

CAUDALES MEDIOS DIARIOS (m3/s)

1998

H016	APAQUI AJ CHOTA											Area Drenaje:703 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		3,750 *	6,723 *	4,381 *	18,002 *	9,422 *	9,710 *	6,866 *		3,953 *	5,996 *	4,381 *
2	4,163 *	3,651 *	5,727 *	4,216 *	15,061 *	15,462 *	9,422 *	6,716 *		3,850 *	5,725 *	4,271 *
3		3,555 *	5,145 *	4,057 *	12,350 *	24,838 *	8,865 *	7,749 *		3,800 *	5,859 *	4,271 *
4		3,460 *	4,723 *	4,004 *	10,019 *	23,599 *	8,507 *	12,350 *		3,750 *	6,350 *	4,381 *
5	4,325 *		4,493 *	4,163 *	8,865 *	22,078 *	7,417 *	9,909 *		3,555 *	11,717 *	4,607 *
6			4,163 *	4,057 *	12,767 *	17,706 *	7,175 *	8,509 *		3,413 *	11,256 *	5,083 *
7	4,271 *	5,592 *	3,801 *	3,953 *	10,608 *	15,587 *	6,716 *	7,575 *		3,320 *	9,438 *	5,592 *
8	4,163 *	5,461 *	3,460 *	3,901 *	9,809 *	13,290 *	6,866 *	6,947 *		8,093 *	8,074 *	5,725 *
9	4,109 *	5,333 *	3,367 *	4,057 *	8,865 *	8,865 *	7,242 *	6,716 *		5,945 *	7,255 *	5,398 *
10	4,004 *	5,207 *	3,275 *	4,057 *	8,596 *	7,020 *	8,334 *	6,866 *		4,495 *	7,333 *	5,279 *
11	3,901 *	5,207 *	3,320 *	3,953 *	7,116 *	9,187 *	14,966 *	7,656 *		4,110 *	7,496 *	4,781 *
12	3,850 *	4,961 *	3,275 *	3,850 *	7,496 *	8,596 *	33,634 *	6,718 *		3,901 *	10,874 *	4,723 *
13	4,163 *	4,607 *	3,186 *	3,750 *	7,493 *	7,658 *	29,088 *	5,862 *		3,800 *	9,552 *	4,493 *
14	4,004 *	4,381 *	3,186 *	3,651 *	8,959 *	6,718 *	13,777 *	5,461 *		3,750 *	6,716 *	4,843 *
15	3,953 *	4,057 *	3,098 *	3,555 *	9,529 *	5,996 *	16,722 *	5,207 *		4,008 *	6,421 *	5,527 *
16	3,850 *	3,750 *	3,055 *	3,460 *	5,996 *	5,725 *	12,587 *	5,021 *		4,109 *	6,207 *	5,461 *
17	3,750 *	3,603 *	3,054 *	4,109 *	5,725 *	5,461 *	7,604 *	5,083 *		4,326 *	5,859 *	4,901 *
18	3,603 *	3,555 *	3,099 *	4,163 *	9,236 *	5,207 *	6,866 *	4,961 *		9,887 *	5,725 *	4,381 *
19	3,367 *	3,507 *	3,670 *	4,680 *	8,775 *	5,270 *	7,500 *	5,527 *	3,141 *	14,151 *	5,859 *	4,163 *
20	5,398 *	3,460 *	3,055 *	4,841 *	8,246 *	5,592 *	18,605 *	5,461 *	3,186 *	12,820 *	5,592 *	4,057 *
21	5,022 *	3,367 *	3,142 *	4,493 *	7,335 *	6,207 *	16,554 *	5,592 *	3,054 *	9,925 *	5,592 *	3,953 *
22	4,665 *	3,275 *	3,328 *	4,271 *	6,642 *	6,495 *	12,008 *	17,271 *	3,186 *	7,989 *	5,461 *	3,850 *
23	4,381 *	3,186 *	3,507 *	14,295 *	5,996 *	6,718 *	11,676 *	15,584 *	5,339 *	7,258 *	5,269 *	3,953 *
24	4,271 *	3,011 *	3,752 *	10,390 *	5,859 *	7,333 *	13,057 *	14,662 *	5,083 *	13,170 *	5,207 *	3,901 *
25	4,057 *	2,927 *	4,008 *	5,793 *	6,224 *	8,700 *	14,921 *	13,654 *	4,723 *	19,863 *	5,083 *	3,953 *
26	3,953 *	2,970 *	4,217 *	4,381 *	5,209 *	10,925 *	8,687 *	12,930 *	4,607 *	17,552 *	4,961 *	
27	3,901 *	2,969 *	4,326 *	4,216 *	4,961 *	13,561 *	7,575 *	11,676 *	4,271 *	14,280 *	4,723 *	
28	5,022 *	3,011 *	4,217 *	4,271 *	5,270 *	17,123 *	7,821 *	11,472 *	4,216 *	16,574 *	4,723 *	
29	4,493 *		4,110 *	4,843 *	5,996 *	14,286 *	7,493 *	12,350 *	4,109 *	13,666 *	4,723 *	
30	4,381 *		4,109 *	5,333 *	7,906 *	12,128 *	8,334 *	14,024 *	4,057 *	9,121 *	4,607 *	
31	4,057 *		4,057 *		8,865 *		7,283 *			6,944 *		
Caudal Max.			7,097 *	15,183 *	18,598 *	28,188 *	34,789 *			20,821 *	12,929 *	
Día			1	23	1	3	12			25	5	
Hora			7	7	7	18	18			18	18	
Caudal Mín.			2,969 *	3,413 *	4,900 *	5,144 *	5,791 *			3,320 *	4,436 *	
Día			16	16	27	19	31			7	31	
Hora			18	18	18	7	18			7	18	
Caudal Medio	4,188	3,916	3,860	4,771	8,509	10,892	11,517	8,879		7,915	6,655	4,637

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



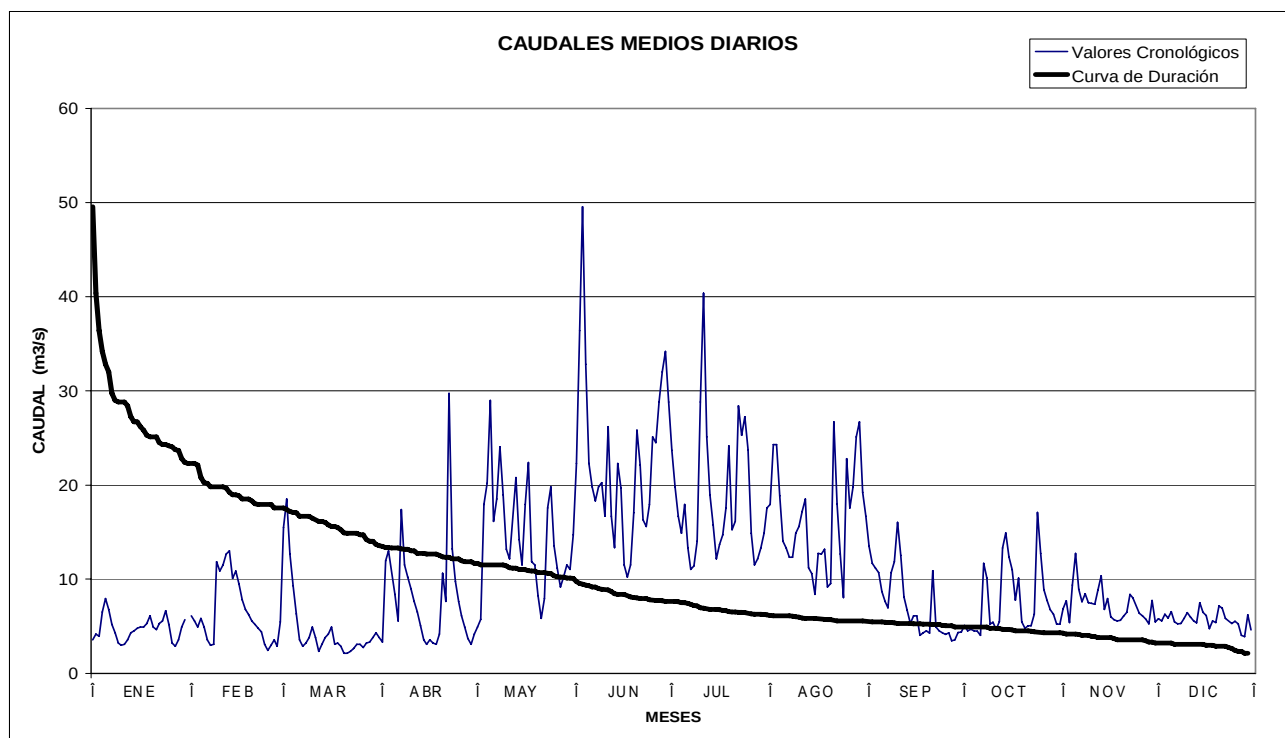
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H017	APAQUI D GRUTA LA PAZ #3											Area Drenaje:495 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	3,558 *	6,103 *	5,452 *	3,793 *	4,160 *	14,725 *	28,828 *	17,573 *	16,680 *	4,375	5,236	5,443
2	4,160 *	5,564 *	15,493 *	3,324 *	4,913 *	22,310 *	23,696 *	17,945 *	13,505 *	5,084	6,862	5,797
3	3,926 *	4,913 *	18,503 *	11,961 *	5,749 *	36,418 *	19,812 *	24,304 *	11,671 *	4,528	7,703	5,562
4	6,524 *	5,830 *	12,670 *	13,000 *	17,945 *	49,576 *	16,680 *	24,304 *	11,183 *	4,693	5,404	6,262
5	7,952 *	4,913 *	9,299 *	10,705 *	20,188 *	32,815 *	14,887 *	18,866 *	10,705 *	4,528	9,346	5,859
6	6,797 *	3,558 *	6,309 *	8,388 *	28,999 *	22,310 *	17,945 *	14,021 *	8,686 *	4,450	12,710	6,566
7	5,179 *	2,984 *	3,558 *	5,564 *	16,130 *	19,812 *	13,360 *	13,336 *	7,654 *	4,046	8,921	5,454
8	4,311 *	3,098 *	2,872 *	17,405 *	18,494 *	18,308 *	11,030 *	12,332 *	6,960 *	11,665	7,596	5,252
9	3,209 *	11,834 *	3,209 *	11,509 *	24,047 *	19,812 *	11,400 *	12,344 *	10,705 *	10,132	8,457	5,298
10	2,984 *	10,863 *	3,812 *	10,226 *	18,969 *	20,258 *	14,033 *	14,887 *	11,834 *	5,207	7,500	5,830
11	3,098 *	11,509 *	4,909 *	8,990 *	13,186 *	16,701 *	28,828 *	15,591 *	16,016 *	5,433	7,412	6,452
12	3,558 *	12,662 *	3,801 *	7,654 *	12,165 *	26,192 *	40,371 *	17,206 *	12,540 *	4,645	7,314	5,969
13	4,279 *	13,000 *	2,335 *	6,524 *	16,489 *	16,680 *	25,109 *	18,494 *	8,114 *	5,502	8,865	5,558
14	4,528 *	10,070 *	3,098 *	5,045 *	20,783 *	13,360 *	18,932 *	11,195 *	6,694 *	13,328	10,338	5,365
15	4,781 *	10,863 *	3,793 *	3,558 *	14,201 *	22,310 *	15,774 *	10,591 *	5,305 *	14,903	6,798	7,498
16	4,909 *	9,456 *	4,156 *	3,098 *	11,509 *	19,667 *	12,165 *	8,388 *	6,103 *	12,357	7,923	6,487
17	4,909 *	7,798 *	4,913 *	3,558 *	17,934 *	11,509 *	13,676 *	12,731 *	6,103 *	11,022	5,999	6,129
18	5,298 *	6,797 *	3,098 *	3,209 *	22,386 *	10,226 *	14,711 *	12,670 *	4,034	7,787	5,693	4,735
19	6,103 *	6,242 *	3,209 *	3,098 *	11,834 *	11,519 *	17,573 *	13,186 *	4,279	10,139	5,562	5,562
20	4,913 *	5,564 *	2,872 *	4,160 *	11,509 *	17,051 *	24,156 *	9,158 *	4,528	5,445	5,619	5,383
21	4,655 *	5,168 *	2,129 *	10,622 *	8,241 *	25,844 *	15,241 *	9,526 *	4,263	4,781	6,047	7,161
22	5,298 *	4,781 *	2,129 *	7,654 *	5,837 *	22,125 *	16,130 *	26,727 *	10,890	5,038	6,481	6,934
23	5,564 *	4,404 *	2,335 *	29,719 *	7,952 *	16,304 *	28,401 *	17,998 *	4,914	5,063	8,387	5,830
24	6,655 *	3,098 *	2,656 *	13,210 *	17,573 *	15,591 *	25,299 *	12,670 *	4,528	6,292	8,001	5,562
25	5,179 *	2,439 *	3,098 *	9,760 *	19,812 *	17,945 *	27,245 *	8,028 *	4,279	17,074	7,186	5,298
26	3,209 *	2,984 *	3,098 *	7,654 *	13,535 *	25,109 *	23,743 *	22,796 *	4,134	12,737	6,375	5,534
27	2,872 *	3,558 *	2,763 *	6,103 *	11,188 *	24,490 *	14,887 *	17,573 *	4,279	8,898	6,101	5,264
28	3,558 *	2,872 *	3,209 *	4,913 *	9,158 *	28,828 *	11,509 *	19,812 *	3,467	7,728	5,774	4,034
29	4,913 *		3,324 *	3,674 *	10,239 *	32,011 *	12,165 *	25,109 *	3,556	6,752	5,264	3,920
30	5,696 *		3,793 *	3,098 *	11,509 *	34,195 *	13,336 *	26,727 *	4,325	6,283	7,739	6,195
31			4,281 *		11,030 *		14,887 *	19,241 *		5,214		4,631
Caudal Max.		13,505 *	20,759 *	39,821 *	35,297 *	59,330 *	45,445 *	26,727 *	18,866 *	24,289	15,945	9,913
Día		13	2	23	6	4	12	vv	11	25	5	15
Hora		6	18	6	6	18	6		18	11	23	22
Caudal Mín.		2,439 *	2,027 *	2,872 *	3,793 *	10,226 *	9,294 *	5,830 *	2,872 *	4,034	5,038	3,793
Día		25	22	16	1	18	9	25	28	7	29	29
Hora		6	6	6	6	6	6	18	6	13	18	
Caudal Medio	4,753	6,533	4,844	8,039	14,118	22,133	18,897	16,301	7,731	7,585	7,287	5,704

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



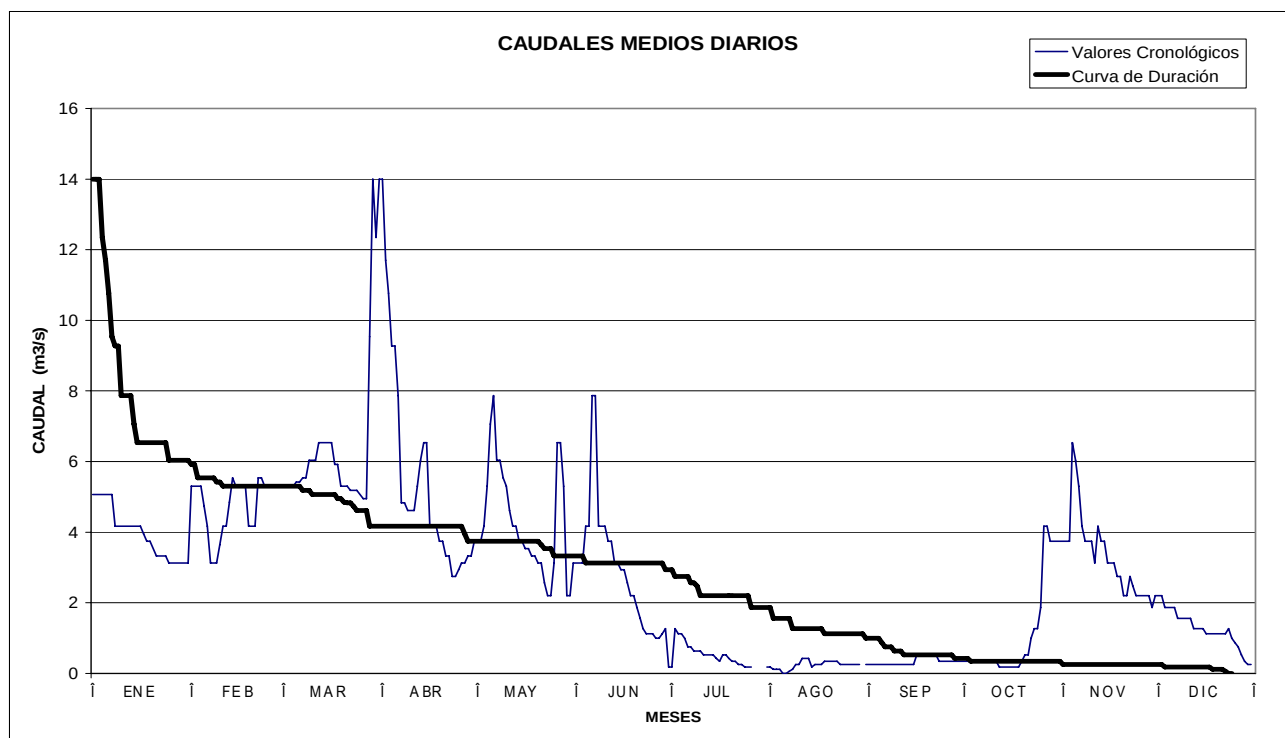
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H023	AMBI DJ CARIYACU												Area Drenaje:686 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	5,066 *	5,302 *	5,302 *	13,995 *	3,737 *	3,128 *	0,177 *	0,177 *	0,251 *	0,334 *	3,737 *	2,205 *	
2	5,066 *	5,302 *	5,302 *	13,995 *	3,737 *	3,128 *	0,177 *	0,177 *	0,251 *	0,334 *	3,737 *	2,205 *	
3	5,066 *	5,302 *	5,302 *	11,705 *	3,737 *	3,128 *	1,260 *	0,113 *	0,251 *	0,334 *	3,737 *	2,205 *	
4	5,066 *	5,302 *	5,302 *	10,770 *	4,164 *	3,128 *	1,122 *	0,113 *	0,251 *	0,334 *	3,737 *	1,869 *	
5	5,066 *	4,733 *	5,302 *	9,275 *	5,302 *	4,164 *	1,122 *	0,113 *	0,251 *	0,334 *	6,537 *	1,869 *	
6	5,066 *	4,164 *	5,422 *	9,275 *	7,057 *	4,164 *	0,990 *	0,000 *	0,251 *	0,334 *	6,032 *	1,869 *	
7	5,066 *	3,128 *	5,422 *	7,863 *	7,863 *	7,863 *	0,744 *	0,000 *	0,251 *	0,334 *	5,302 *	1,869 *	
8	4,164 *	3,128 *	5,541 *	4,835 *	6,032 *	7,863 *	0,744 *	0,060 *	0,251 *	0,334 *	4,164 *	1,554 *	
9	4,164 *	3,128 *	5,541 *	4,835 *	6,032 *	4,164 *	0,630 *	0,113 *	0,251 *	0,334 *	3,737 *	1,554 *	
10	4,164 *	3,646 *	6,039 *	4,607 *	5,541 *	4,164 *	0,630 *	0,251 *	0,251 *	0,334 *	3,737 *	1,554 *	
11	4,164 *	4,164 *	6,039 *	4,607 *	5,304 *	4,164 *	0,630 *	0,251 *	0,251 *	0,334 *	3,737 *	1,554 *	
12	4,164 *	4,164 *	6,039 *	4,607 *	4,615 *	3,737 *	0,524 *	0,425 *	0,251 *	0,334 *	3,128 *	1,554 *	
13	4,164 *	4,852 *	6,537 *	5,302 *	4,164 *	3,737 *	0,524 *	0,425 *	0,251 *	0,177 *	4,164 *	1,260 *	
14	4,164 *	5,541 *	6,537 *	6,032 *	4,164 *	3,128 *	0,524 *	0,425 *	0,251 *	0,177 *	3,737 *	1,260 *	
15	4,164 *	5,302 *	6,537 *	6,537 *	3,737 *	3,128 *	0,524 *	0,177 *	0,251 *	0,177 *	3,737 *	1,260 *	
16	4,164 *	5,302 *	6,537 *	6,537 *	3,737 *	2,934 *	0,425 *	0,251 *	0,251 *	0,177 *	3,128 *	1,260 *	
17	3,950 *	5,302 *	6,537 *	4,164 *	3,530 *	2,934 *	0,334 *	0,251 *	0,524 *	0,177 *	3,128 *	1,122 *	
18	3,737 *	5,302 *	5,919 *	4,164 *	3,530 *	2,560 *	0,524 *	0,251 *	0,524 *	0,177 *	3,128 *	1,122 *	
19	3,737 *	4,164 *	5,919 *	4,164 *	3,327 *	2,205 *	0,524 *	0,334 *	0,524 *	0,177 *	2,745 *	1,122 *	
20	3,532 *	4,164 *	5,302 *	3,737 *	3,327 *	2,205 *	0,425 *	0,334 *	0,524 *	0,334 *	2,745 *	1,122 *	
21	3,327 *	4,164 *	5,302 *	3,737 *	3,128 *	1,869 *	0,334 *	0,334 *	0,524 *	0,524 *	2,205 *	1,122 *	
22	3,327 *	5,541 *	5,302 *	3,327 *	3,128 *	1,554 *	0,334 *	0,334 *	0,524 *	0,524 *	2,205 *	1,122 *	
23	3,327 *	5,541 *	5,184 *	3,327 *	2,560 *	1,260 *	0,251 *	0,334 *	0,524 *	0,990 *	2,745 *	1,122 *	
24	3,327 *	5,302 *	5,184 *	2,745 *	2,205 *	1,122 *	0,251 *	0,251 *	0,334 *	1,260 *	2,475 *	1,260 *	
25	3,128 *	5,302 *	5,184 *	2,745 *	2,205 *	1,122 *	0,177 *	0,251 *	0,334 *	1,260 *	2,205 *	0,990 *	
26	3,128 *	5,302 *	5,066 *	2,934 *	3,128 *	1,122 *	0,177 *	0,251 *	0,334 *	1,869 *	2,205 *	0,867 *	
27	3,128 *	5,302 *	4,951 *	3,128 *	6,537 *	0,990 *	0,177 *	0,251 *	0,334 *	4,164 *	2,205 *	0,744 *	
28	3,128 *		4,951 *	3,128 *	6,537 *	0,990 *		0,251 *	0,334 *	4,164 *	2,205 *	0,524 *	
29	3,128 *		9,531 *	3,327 *	5,302 *	1,122 *		0,251 *	0,334 *	3,737 *	2,205 *	0,334 *	
30	3,128 *		13,995 *	3,327 *	2,205 *	1,260 *		0,251 *	0,334 *	3,737 *	1,869 *	0,251 *	
31	3,128 *		12,345 *		2,205 *					3,737 *		0,251 *	
Caudal Max.	5,066 *		13,995 *	13,995 *	7,863 *	7,863 *			0,524 *	4,164 *	6,537 *	2,205 *	
Día	vv		30	vv	7	vv			vv	vv	5	vv	
Hora			7		7						7		
Caudal Mín.	3,128 *		4,835 *	2,745 *	2,205 *	0,990 *			0,251 *	0,177 *	1,869 *	0,251 *	
Día	vv		27	vv	vv	vv			vv	vv	30	vv	
Hora			17								7		
Caudal Medio	3,971	4,735	6,238	5,758	4,251	2,934	0,528	0,233	0,334	1,017	3,345	1,289	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



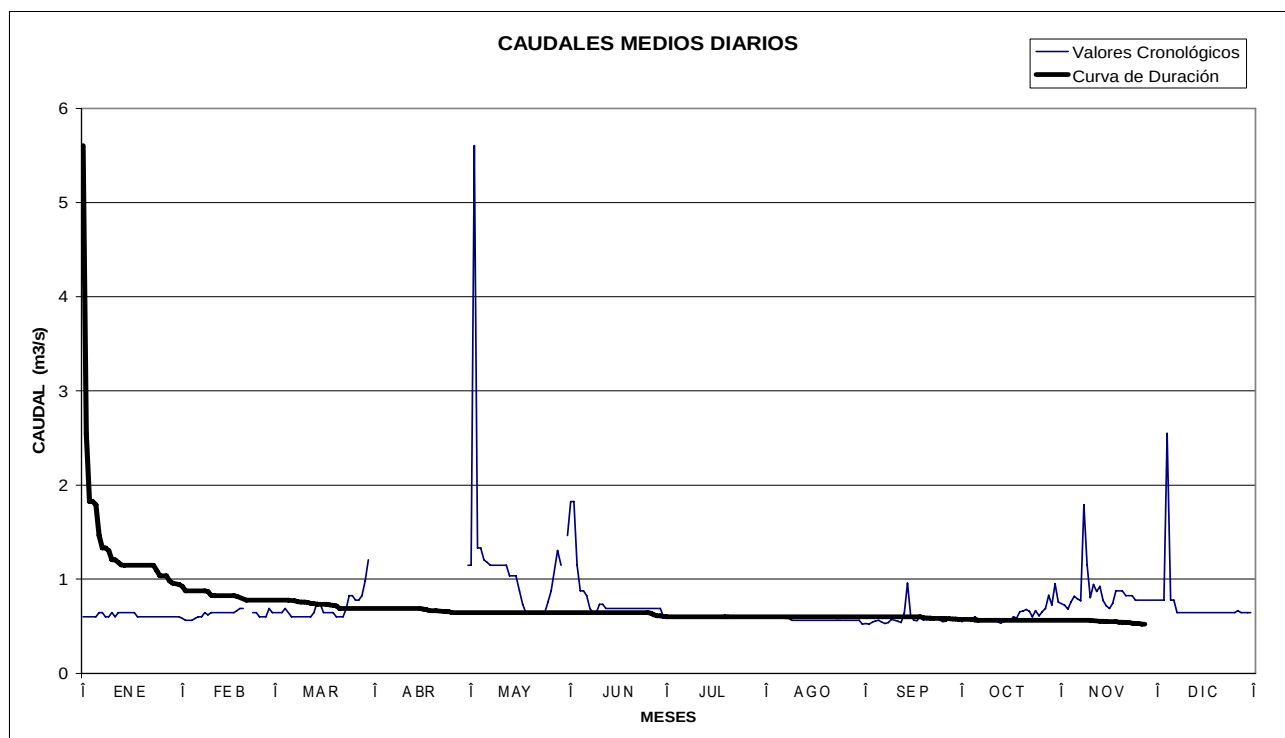
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H024	BLANCO EN PTE.CARRETERA											Area Drenaje:61 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,602 *	0,582 *	0,644 *		1,148 *	1,463 *	0,602 *	0,602 *	0,524	0,575	0,756	0,778 *
2	0,602 *	0,562 *	0,644 *		1,148 *	1,822 *	0,602 *	0,602 *	0,528	0,548	0,740	0,778 *
3	0,602 *	0,562 *	0,644 *		5,604 *	1,822 *	0,602 *	0,602 *	0,524	0,588	0,723	0,778 *
4	0,602 *	0,562 *	0,644 *		1,332 *	1,148 *	0,602 *	0,602 *	0,542	0,562	0,682	0,778 *
5	0,602 *	0,582 *	0,687 *		1,332 *	0,875 *	0,602 *	0,602 *	0,558	0,562	0,759	2,548 *
6	0,644 *	0,602 *	0,644 *		1,207 *	0,875 *	0,602 *	0,602 *	0,562	0,602	0,818	0,778 *
7	0,644 *	0,602 *	0,602 *		1,178 *	0,826 *	0,602 *	0,602 *	0,542	0,580	0,790	0,778 *
8	0,602 *	0,644 *	0,602 *		1,148 *	0,687 *	0,602 *	0,582 *	0,528	0,561	0,772	0,644 *
9	0,602 *	0,623 *	0,602 *		1,148 *	0,644 *	0,602 *	0,582 *	0,539	0,572	1,789	0,644 *
10	0,644 *	0,644 *	0,602 *		1,148 *	0,644 *	0,602 *	0,562 *	0,572	0,562	1,153	0,644 *
11	0,602 *	0,644 *	0,602 *		1,148 *	0,731 *	0,602 *	0,562 *	0,562	0,580	0,805	0,644 *
12	0,644 *	0,644 *	0,602 *		1,148 *	0,731 *	0,602 *	0,562 *	0,553	0,576	0,944	0,644 *
13	0,644 *	0,644 *	0,602 *		1,148 *	0,687 *	0,602 *	0,562 *	0,538	0,548	0,870	0,644 *
14	0,644 *	0,644 *	0,644 *		1,034 *	0,687 *	0,602 *	0,562 *	0,637	0,534	0,922	0,644 *
15	0,644 *	0,644 *	0,755 *		1,034 *	0,687 *	0,602 *	0,562 *	0,956	0,550	0,773	0,644 *
16	0,644 *	0,644 *	0,731 *		1,034 *	0,687 *	0,602 *	0,562 *	0,612	0,574	0,716	0,644 *
17	0,644 *	0,644 *	0,644 *		0,875 *	0,687 *	0,602 *	0,562 *	0,562	0,562	0,690	0,644 *
18	0,602 *	0,665 *	0,644 *		0,731 *	0,687 *	0,602 *	0,562 *	0,559	0,602	0,744	0,644 *
19	0,602 *	0,687 *	0,644 *		0,644 *	0,687 *	0,602 *	0,562 *	0,603	0,587	0,875 *	0,644 *
20	0,602 *	0,687 *	0,644 *		0,644 *	0,687 *	0,602 *	0,562 *	0,562	0,656	0,875 *	0,644 *
21	0,602 *		0,602 *		0,644 *	0,687 *	0,602 *	0,562 *	0,587	0,663	0,875 *	0,644 *
22	0,602 *		0,602 *		0,644 *	0,687 *	0,602 *	0,562 *	0,562	0,678	0,826 *	0,644 *
23	0,602 *	0,644 *	0,602 *		0,644 *	0,687 *	0,602 *	0,562 *	0,573	0,657	0,826 *	0,644 *
24	0,602 *	0,644 *	0,687 *		0,644 *	0,687 *	0,602 *	0,562 *	0,602	0,602	0,826 *	0,644 *
25	0,602 *	0,602 *	0,826 *		0,644 *	0,687 *	0,602 *	0,562 *	0,567	0,664	0,778 *	0,644 *
26	0,602 *	0,602 *	0,826 *		0,756 *	0,687 *	0,602 *	0,562 *	0,551	0,611	0,778 *	0,644 *
27	0,602 *	0,602 *	0,778 *		0,875 *	0,687 *	0,602 *	0,562 *	0,552	0,656	0,778 *	0,665 *
28	0,602 *	0,687 *	0,778 *		1,091 *	0,687 *	0,602 *	0,562 *	0,602	0,689	0,778 *	0,644 *
29	0,602 *		0,826 *		1,306 *	0,687 *	0,602 *	0,562 *	0,574	0,828	0,778 *	0,644 *
30	0,602 *		0,979 *		1,148 *	0,687 *	0,602 *	0,562 *	0,562	0,728	0,778 *	0,644 *
31	0,602 *		1,207 *				0,602 *	0,562 *		0,951		0,644 *
Caudal Max.	0,643 *		1,207 *			1,822 *	0,602 *	0,602 *	1,531	1,747	2,773	4,319 *
Día	6		31			vv	vv	vv	15	31	9	5
Hora	7		7						2	6	20	17
Caudal Mín.	0,602 *		0,602 *			0,643 *	0,602 *	0,562 *	0,523	0,523	0,643	0,643 *
Día	vv		vv			9	vv	vv	27	15	17	8
Hora						7			23	16	19	7
Caudal Medio	0,614	0,626	0,695		1,141	0,821	0,602	0,572	0,576	0,620	0,840	0,732

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



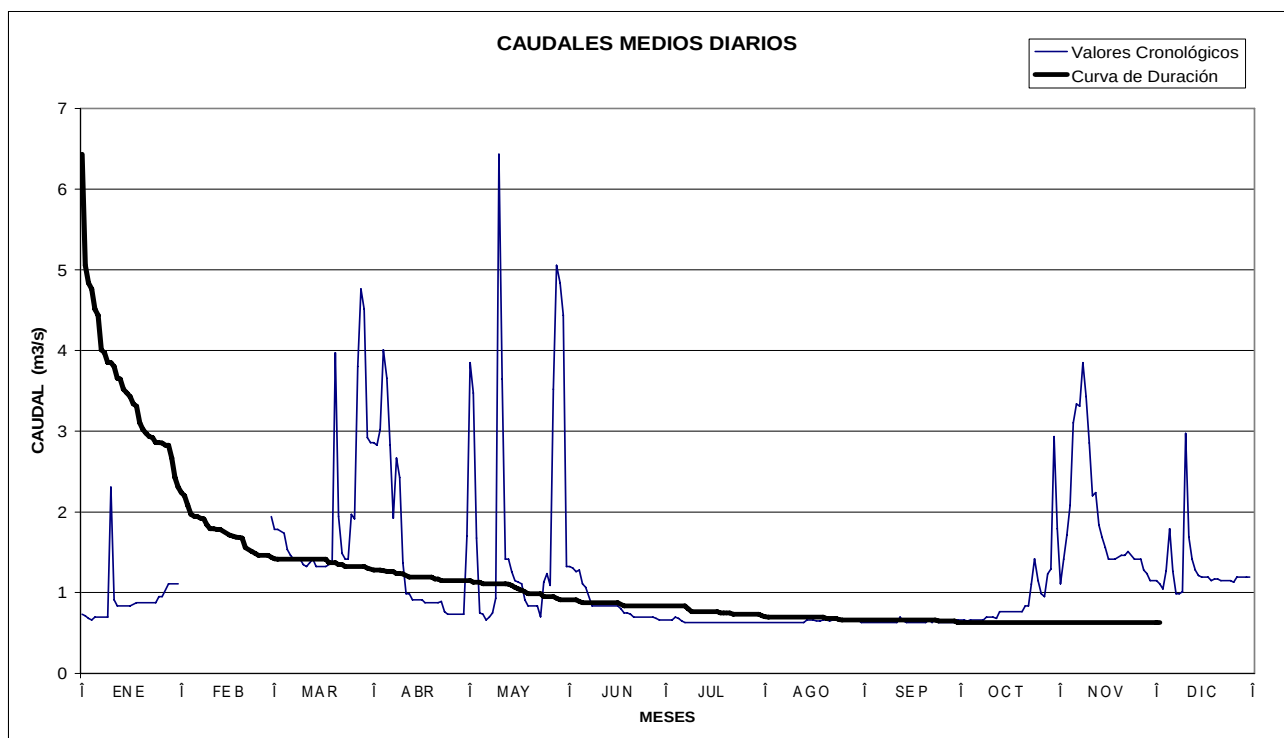
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H026	ITAMBI EN L.S.PABLO											Area Drenaje:90 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,730 *		1,942 *	2,859 *	1,699 *	1,324 *	0,663 *	0,631 *	0,631 *	0,663 *	1,794 *	1,150 *
2	0,713 *		1,784 *	2,859 *	3,849 *	1,324 *	0,663 *	0,631 *	0,631 *	0,663 *	1,108 *	1,150 *
3	0,680 *		1,784 *	2,827 *	3,474 *	1,302 *	0,663 *	0,631 *	0,631 *	0,663 *	1,413 *	1,108 *
4	0,663 *		1,758 *	3,022 *	1,676 *	1,258 *	0,663 *	0,631 *	0,631 *	0,647 *	1,713 *	1,047 *
5	0,696 *		1,733 *	4,007 *	0,747 *	1,280 *	0,696 *	0,631 *	0,631 *	0,663 *	2,079 *	1,273 *
6	0,696 *		1,534 *	3,654 *	0,730 *	1,108 *	0,680 *	0,631 *	0,631 *	0,663 *	3,103 *	1,794 *
7	0,696 *		1,462 *	2,827 *	0,663 *	1,067 *	0,647 *	0,631 *	0,631 *	0,663 *	3,338 *	1,262 *
8	0,696 *		1,416 *	1,920 *	0,697 *	0,951 *	0,631 *	0,631 *	0,631 *	0,663 *	3,310 *	0,987 *
9	0,696 *		1,416 *	2,668 *	0,749 *	0,836 *	0,631 *	0,631 *	0,631 *	0,663 *	3,848 *	0,987 *
10	2,306 *		1,416 *	2,425 *	0,929 *	0,836 *	0,631 *	0,631 *	0,631 *	0,696 *	3,429 *	1,007 *
11	0,910 *		1,347 *	1,370 *	6,433 *	0,836 *	0,631 *	0,631 *	0,631 *	0,696 *	2,852 *	2,975 *
12	0,836 *		1,324 *	0,987 *	3,650 *	0,836 *	0,631 *	0,631 *	0,631 *	0,696 *	2,200 *	1,689 *
13	0,836 *		1,370 *	0,987 *	1,416 *	0,836 *	0,631 *	0,631 *	0,696 *	0,680 *	2,239 *	1,416 *
14	0,836 *		1,416 *	0,910 *	1,416 *	0,836 *	0,631 *	0,631 *	0,647 *	0,765 *	1,837 *	1,280 *
15	0,836 *		1,324 *	0,910 *	1,258 *	0,836 *	0,631 *	0,663 *	0,631 *	0,765 *	1,682 *	1,214 *
16	0,836 *		1,324 *	0,910 *	1,150 *	0,836 *	0,631 *	0,663 *	0,631 *	0,765 *	1,558 *	1,192 *
17	0,854 *		1,324 *	0,910 *	1,129 *	0,836 *	0,631 *	0,663 *	0,631 *	0,765 *	1,416 *	1,192 *
18	0,872 *		1,324 *	0,872 *	1,108 *	0,800 *	0,631 *	0,647 *	0,631 *	0,765 *	1,416 *	1,192 *
19	0,872 *		1,347 *	0,872 *	0,911 *	0,747 *	0,631 *	0,647 *	0,631 *	0,765 *	1,416 *	1,150 *
20	0,872 *		1,370 *	0,872 *	0,836 *	0,747 *	0,631 *	0,663 *	0,631 *	0,765 *	1,439 *	1,171 *
21	0,872 *		3,974 *	0,872 *	0,836 *	0,730 *	0,631 *	0,663 *	0,631 *	0,765 *	1,462 *	1,171 *
22	0,872 *		1,944 *	0,872 *	0,836 *	0,696 *	0,631 *	0,647 *	0,663 *	0,836 *	1,462 *	1,150 *
23	0,872 *		1,487 *	0,891 *	0,836 *	0,696 *	0,631 *	0,663 *	0,631 *	0,836 *	1,510 *	1,150 *
24	0,872 *		1,416 *	0,765 *	0,702 *	0,696 *	0,631 *	0,663 *	0,664 *	1,103 *	1,462 *	1,150 *
25	0,950 *		1,416 *	0,730 *	1,131 *	0,696 *	0,631 *	0,663 *	0,631 *	1,421 *	1,416 *	1,150 *
26	0,950 *		1,969 *	0,730 *	1,236 *	0,696 *	0,631 *	0,663 *	0,631 *	1,151 *	1,416 *	1,129 *
27	1,027 *		1,915 *	0,730 *	1,088 *	0,696 *	0,631 *	0,663 *	0,631 *	0,987 *	1,416 *	1,192 *
28	1,108 *		3,805 *	0,730 *	3,519 *	0,696 *	0,631 *	0,663 *	0,631 *	0,948 *	1,280 *	1,192 *
29	1,108 *		4,761 *	0,730 *	5,055 *	0,680 *	0,631 *	0,663 *	0,631 *	1,234 *	1,236 *	1,192 *
30	1,108 *		4,511 *	0,730 *	4,840 *	0,663 *	0,631 *	0,663 *	0,631 *	1,292 *	1,150 *	1,192 *
31	1,108 *		2,924 *		4,437 *		0,631 *	0,663 *		2,933 *		1,192 *
Caudal Max.	2,306 *		5,695 *	5,090 *	12,031 *	1,324 *	0,696 *	0,663 *	0,696 *	4,840 *	5,090 *	4,923 *
Día	10		28	5	11	vv	5	vv	13	31	9	11
Hora	7		18	18	18		7		7	18	18	18
Caudal Mín.	0,663 *		1,324 *	0,730 *	0,569 *	0,663 *	0,631 *	0,631 *	0,631 *	0,631 *	0,910 *	0,987 *
Día	3		vv	vv	24	30	vv	vv	vv	4	3	vv
Hora	7				18	7				18	7	
Caudal Medio	0,903		1,930	1,548	1,904	0,879	0,639	0,647	0,636	0,890	1,900	1,261

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



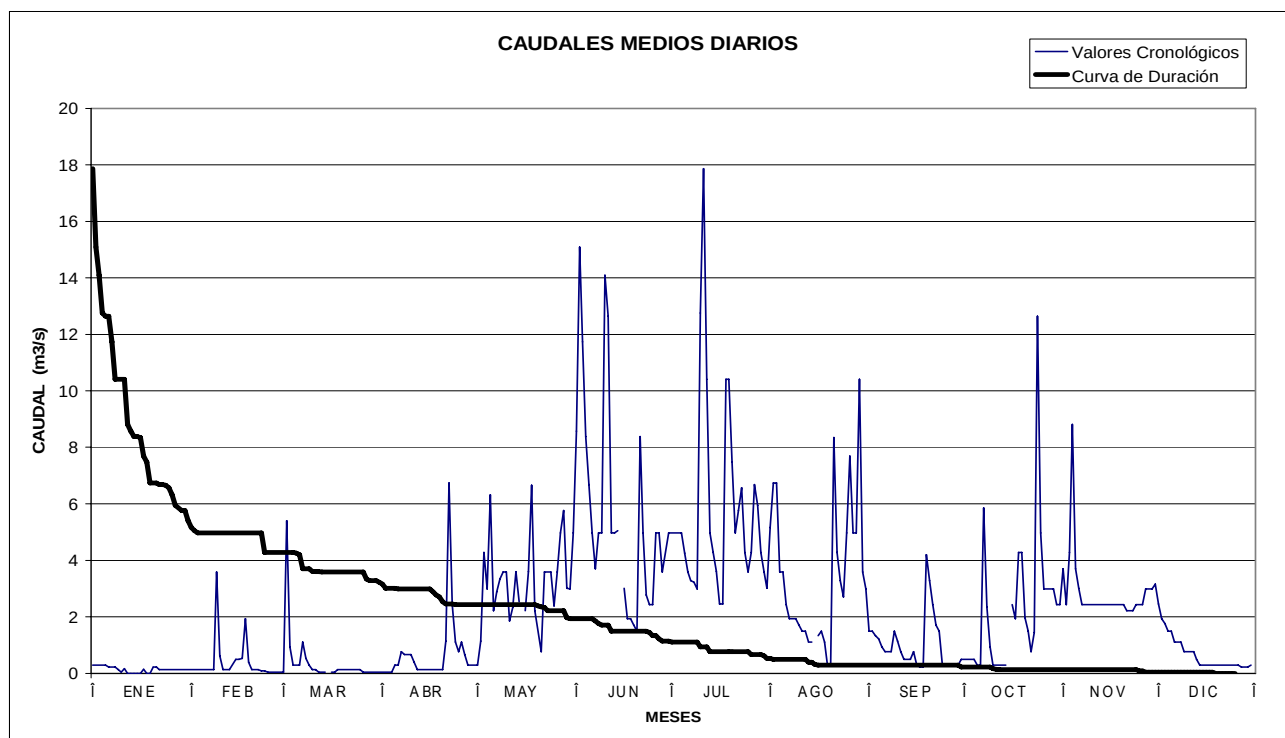
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H045	APAQUI DJ MINAS											Area Drenaje:315 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,286 *	0,130 *	0,034 *	0,034 *	0,286 *	4,971 *	4,971 *	3,010 *	2,983 *	0,501 *	2,429 *	3,162 *
2	0,286 *	0,130 *	0,034 *	0,034 *	0,286 *	8,573 *	4,971 *	5,165 *	1,489 *	0,501 *	3,700 *	2,457 *
3	0,286 *	0,130 *	5,405 *	0,034 *	1,132 *	15,097 *	4,971 *	6,740 *	1,489 *	0,501 *	2,429 *	1,932 *
4	0,286 *	0,130 *	0,938 *	0,034 *	4,281 *	11,739 *	4,971 *	6,740 *	1,328 *	0,501 *	4,281 *	1,758 *
5	0,286 *	0,130 *	0,286 *	0,034 *	2,983 *	8,381 *	4,971 *	3,591 *	1,216 *	0,501 *	8,809 *	1,489 *
6	0,217 *	0,130 *	0,286 *	0,286 *	6,315 *	6,676 *	4,254 *	3,591 *	0,938 *	0,286 *	3,700 *	1,489 *
7	0,217 *	0,130 *	0,286 *	0,286 *	2,224 *	4,971 *	3,591 *	2,429 *	0,774 *	0,286 *	3,010 *	1,103 *
8	0,217 *	0,130 *	1,103 *	0,774 *	2,885 *	3,700 *	3,280 *	1,932 *	0,774 *	5,855 *	2,429 *	1,103 *
9	0,125 *	3,591 *	0,530 *	0,658 *	3,341 *	4,971 *	3,230 *	1,932 *	0,774 *	2,347 *	2,429 *	1,103 *
10	0,034 *	0,617 *	0,286 *	0,658 *	3,591 *	4,971 *	2,983 *	1,932 *	1,489 *	0,938 *	2,429 *	0,774 *
11	0,160 *	0,130 *	0,130 *	0,658 *	3,591 *	14,091 *	12,752 *	1,711 *	1,132 *	0,286 *	2,429 *	0,774 *
12	0,000 *	0,130 *	0,130 *	0,394 *	1,857 *	12,646 *	17,862 *	1,489 *	0,774 *	0,286 *	2,429 *	0,774 *
13	0,000 *	0,130 *	0,034 *	0,130 *	2,335 *	4,971 *	10,407 *	1,489 *	0,501 *	0,286 *	2,429 *	0,774 *
14	0,000 *	0,315 *	0,034 *	0,130 *	3,597 *	4,971 *	4,971 *	1,103 *	0,501 *	0,286 *	2,429 *	0,501 *
15	0,000 *	0,501 *	0,034 *	0,130 *	2,540 *	5,046 *	4,281 *	1,103 *	0,501 *	0,286 *	2,429 *	0,286 *
16	0,000 *	0,501 *		0,130 *			3,618 *		0,774 *		2,429 *	0,286 *
17	0,143 *	0,530 *	0,034 *	0,130 *	2,224 *	3,010 *	2,457 *	1,333 *	0,286 *	2,429 *	2,429 *	0,286 *
18	0,000 *	1,932 *	0,034 *	0,130 *	3,597 *	1,932 *	2,457 *	1,489 *	0,217 *	1,932 *	2,429 *	0,286 *
19	0,000 *	0,394 *	0,130 *	0,130 *	6,654 *	1,932 *	10,407 *	1,103 *	0,217 *	4,281 *	2,429 *	0,286 *
20	0,217 *	0,130 *	0,130 *	0,130 *	2,224 *	1,711 *	10,407 *	0,286 *	4,207 *	4,281 *	2,429 *	0,286 *
21	0,217 *	0,130 *	0,130 *	0,130 *	1,489 *	1,489 *	7,474 *	0,286 *	3,287 *	1,959 *	2,429 *	0,286 *
22	0,130 *	0,130 *	0,130 *	1,132 *	0,774 *	8,381 *	4,971 *	8,348 *	2,429 *	1,489 *	2,224 *	0,286 *
23	0,130 *	0,082 *	0,130 *	6,740 *	3,591 *	4,971 *	5,770 *	4,281 *	1,711 *	0,774 *	2,224 *	0,286 *
24	0,130 *	0,082 *	0,130 *	2,429 *	3,591 *	2,765 *	6,568 *	3,287 *	1,489 *	1,449 *	2,224 *	0,286 *
25	0,130 *	0,034 *	0,130 *	1,103 *	3,591 *	2,429 *	4,281 *	2,706 *	0,286 *	12,646 *	2,429 *	0,286 *
26	0,130 *	0,034 *	0,130 *	0,774 *	2,383 *	2,429 *	3,591 *	4,971 *	0,286 *	4,971 *	2,429 *	0,286 *
27	0,130 *	0,034 *	0,034 *	1,103 *	3,591 *	4,971 *	4,281 *	7,689 *	0,286 *	2,983 *	2,429 *	0,286 *
28	0,130 *	0,034 *	0,034 *	0,658 *	4,971 *	4,971 *	6,676 *	4,971 *	0,286 *	2,983 *	2,983 *	0,217 *
29	0,130 *		0,034 *	0,286 *	5,770 *	3,591 *	5,942 *	4,971 *	0,286 *	2,983 *	2,983 *	0,217 *
30	0,130 *		0,034 *	0,286 *	3,010 *	4,281 *	4,281 *	10,407 *	0,286 *	2,983 *	2,983 *	0,217 *
31	0,130 *		0,034 *		2,983 *		3,591 *	3,591 *		2,429 *		0,286 *
Caudal Max.	0,286 *	3,591 *		6,740 *			20,628 *		4,823 *		12,646 *	3,341 *
Día	vv	9		23			12		20		5	1
Hora		6		6			6		6		6	6
Caudal Mín.	0,000	0,034 *		0,034 *			1,489 *		0,217 *		2,224 *	0,217 *
Día	vv	vv		vv			9		vv		vv	vv
Hora							6					
Caudal Medio	0,138	0,375	0,361	0,652	3,056	5,677	5,782	3,456	1,100	2,141	2,843	0,769

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



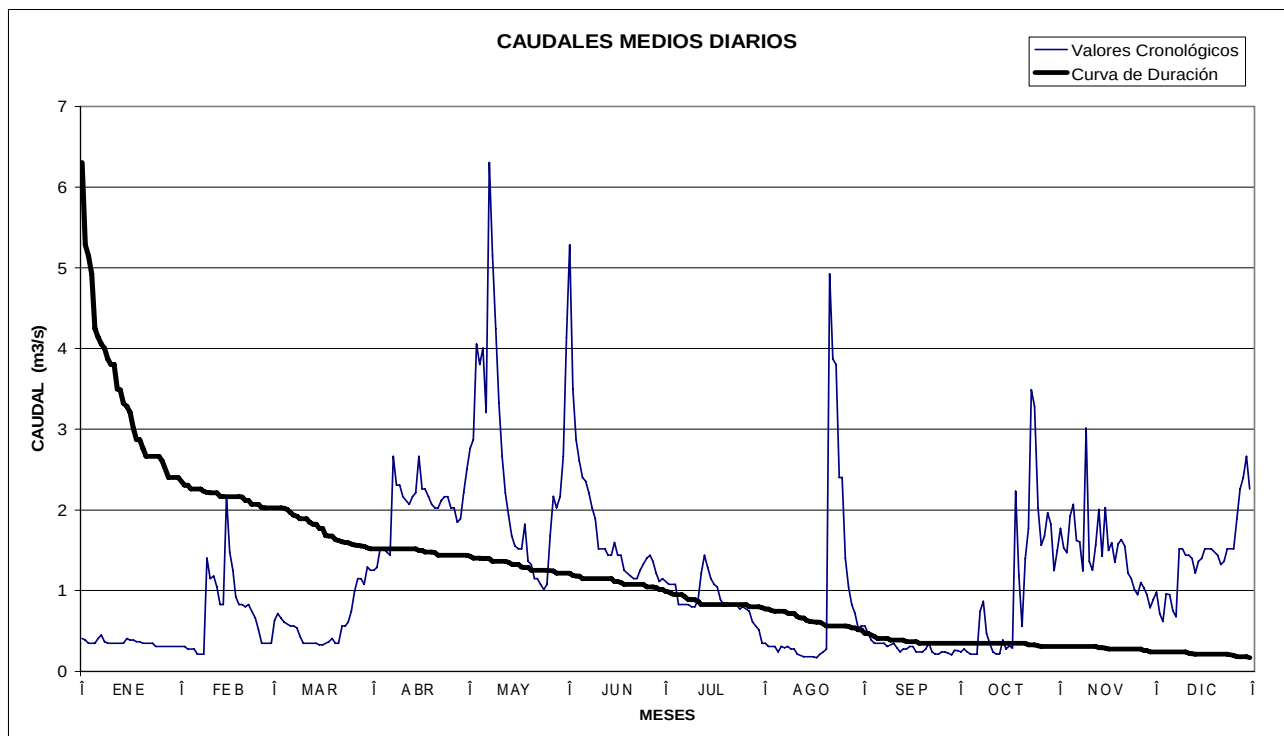
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H091	GRANDE AJ JATIVA											Area Drenaje:54 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,406 *	0,309 *	0,346 *	1,254 *	2,505 *	4,140 *	1,147 *	0,346 *	0,562 *	0,255	1,498	0,892
2	0,385 *	0,309 *	0,628 *	1,252 *	2,763 *	5,286 *	1,113 *	0,346 *	0,562 *	0,241	1,771	0,981
3	0,346 *	0,274 *	0,716 *	1,288 *	2,870 *	3,495 *	1,079 *	0,309 *	0,470 *	0,274	1,529	0,716
4	0,346 *	0,274 *	0,663 *	1,515 *	4,057 *	2,870 *	1,079 *	0,309 *	0,385 *	0,241	1,472	0,615
5	0,346 *	0,274 *	0,611 *	1,515 *	3,805 *	2,607 *	1,079 *	0,309 *	0,346 *	0,211	1,920	0,960
6	0,406 *	0,211 *	0,587 *	1,476 *	4,003 *	2,404 *	0,829 *	0,241 *	0,346 *	0,211	2,068	0,950
7	0,448 *	0,211 *	0,562 *	1,438 *	3,209 *	2,355 *	0,829 *	0,309 *	0,346 *	0,211	1,620	0,750
8	0,366 *	0,211 *	0,562 *	2,664 *	6,306 *	2,210 *	0,829 *	0,292 *	0,346 *	0,743	1,604	0,678
9	0,346 *	1,402 *	0,538 *	2,306 *	5,145 *	2,025 *	0,829 *	0,309 *	0,309 *	0,865	1,244	1,515 *
10	0,346 *	1,147 *	0,430 *	2,306 *	4,245 *	1,891 *	0,800 *	0,274 *	0,328 *	0,469	3,014	1,515 *
11	0,346 *	1,182 *	0,346 *	2,163 *	3,320 *	1,515 *	0,800 *	0,274 *	0,346 *	0,346	1,362	1,438 *
12	0,346 *	1,046 *	0,346 *	2,116 *	2,664 *	1,515 *	0,889 *	0,211 *	0,292 *	0,241	1,252	1,438 *
13	0,346 *	0,829 *	0,346 *	2,070 *	2,211 *	1,515 *	1,217 *	0,196 *	0,241 *	0,211	1,564	1,400 *
14	0,346 *	0,829 *	0,346 *	2,165 *	1,935 *	1,438 *	1,439 *	0,182 *	0,274 *	0,217	2,003	1,216 *
15	0,406 *	2,162 *	0,346 *	2,210 *	1,677 *	1,438 *	1,288 *	0,182 *	0,274 *	0,385	1,426	1,363 *
16	0,385 *	1,476 *	0,328 *	2,664 *	1,555 *	1,596 *	1,147 *	0,182 *	0,309 *	0,274	2,028	1,400 *
17	0,385 *	1,252 *	0,328 *	2,258 *	1,515 *	1,439 *	1,079 *	0,182 *	0,309 *	0,316	1,498	1,515 *
18	0,366 *	0,921 *	0,346 *	2,258 *	1,515 *	1,438 *	1,046 *	0,169 *	0,241	0,287	1,595	1,515 *
19	0,366 *	0,829 *	0,368 *	2,163 *	1,824 *	1,252 *	0,889 *	0,211 *	0,241	2,233	1,348	1,515 *
20	0,346 *	0,829 *	0,408 *	2,070 *	1,362 *	1,216 *	0,829 *	0,241 *	0,241	1,190	1,578	1,476 *
21	0,346 *	0,800 *	0,346 *	2,025 *	1,325 *	1,182 *	0,829 *	0,275 *	0,274	0,556	1,631	1,438 *
22	0,346 *	0,829 *	0,346 *	2,025 *	1,147 *	1,147 *	0,829 *	4,926 *	0,346	1,395	1,547	1,325 *
23	0,346 *	0,744 *	0,562 *	2,117 *	1,147 *	1,147 *	0,829 *	3,870 *	0,241	1,772	1,216	1,362 *
24	0,309 *	0,663 *	0,562 *	2,163 *	1,079 *	1,254 *	0,829 *	3,805 *	0,211	3,489	1,147	1,515 *
25	0,309 *	0,515 *	0,611 *	2,163 *	1,014 *	1,327 *	0,771 *	2,404 *	0,211	3,283	1,013	1,515 *
26	0,309 *	0,346 *	0,746 *	2,025 *	1,080 *	1,402 *	0,800 *	2,404 *	0,241	2,022	0,950	1,515 *
27	0,309 *	0,346 *	0,988 *	2,025 *	1,681 *	1,439 *	0,771 *	1,402 *	0,241	1,562	1,102	1,891 *
28	0,309 *	0,346 *	1,147 *	1,847 *	2,169 *	1,363 *	0,744 *	1,048 *	0,225	1,676	1,038	2,260 *
29	0,309 *		1,147 *	1,891 *	2,025 *	1,217 *	0,612 *	0,829 *	0,207	1,968	0,950	2,404 *
30	0,309 *		1,079 *	2,214 *	2,163 *	1,113 *	0,562 *	0,720 *	0,259	1,824	0,788	2,664 *
31	0,309 *		1,289 *		2,664 *		0,516 *	0,538 *		1,245		2,258 *
Caudal Max.	0,469 *	3,494 *	1,362 *	2,924 *	7,964 *	5,505 *	1,515 *	5,067 *	0,562 *	4,377	3,987	2,924 *
Día	7	15	31	8	8	2	14	22	vv	24	10	30
Hora	7	17	17	17	17	7	17	17		23	6	17
Caudal Mín.	0,309 *	0,211 *	0,309 *	1,147 *	0,950 *	1,079 *	0,469 *	0,155 *	0,182	0,211	0,771	0,515
Día	vv	vv	16	1	25	30	31	18	29	vv	30	5
Hora			7	17	17	17	17	17	21		6	9
Caudal Medio	0,351	0,734	0,580	1,988	2,451	1,874	0,914	0,881	0,308	0,975	1,493	1,419

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

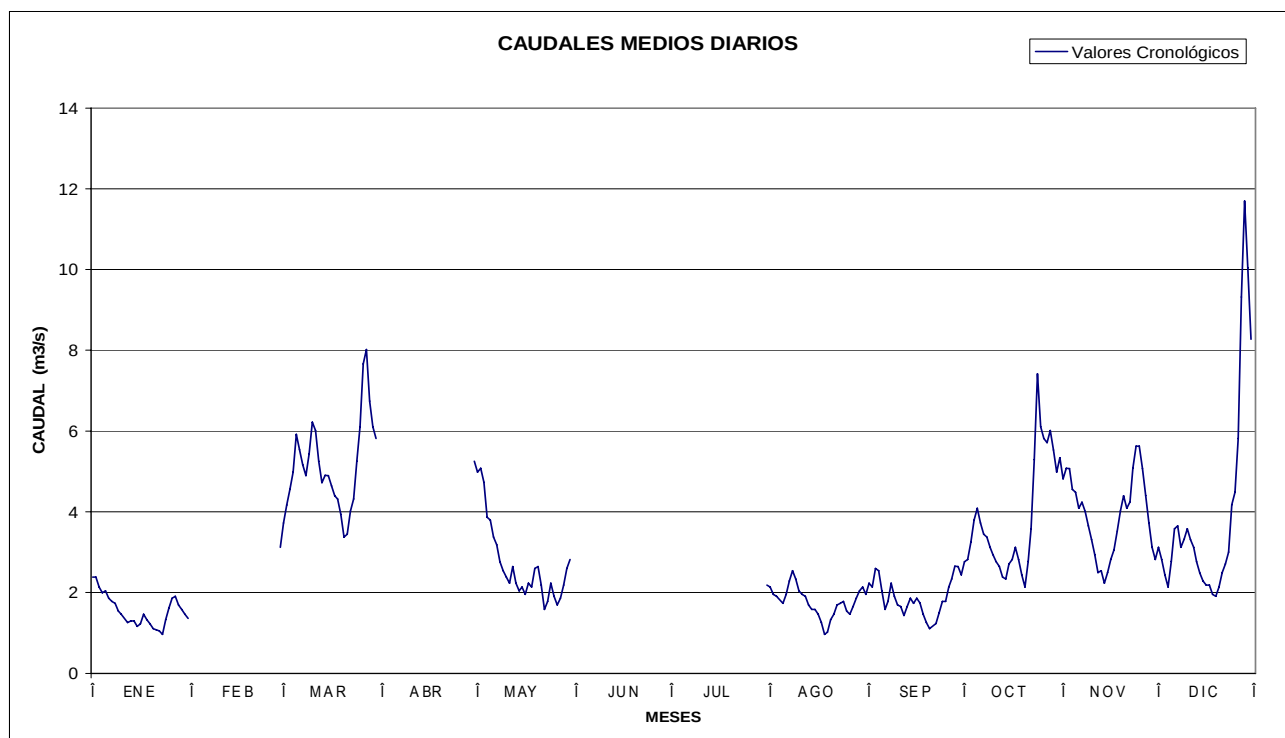


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H143	GRANOBLES AJ GUACHALA											Area Drenaje:416 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2,383 *		3,121 *		5,250 *			2,182 *	1,950 *	2,434 *	5,343 *	2,819 *
2	2,382 *		3,722 *		4,983 *			2,135 *	2,231 *	2,762 *	4,812 *	3,121 *
3	2,135 *		4,165 *		5,076 *			1,950 *	2,135 *	2,819 *	5,076 *	2,821 *
4	1,995 *		4,560 *		4,730 *			1,906 *	2,596 *	3,251 *	5,071 *	2,437 *
5	2,041 *		4,985 *		3,865 *			1,820 *	2,540 *	3,792 *	4,560 *	2,135 *
6	1,863 *		5,915 *		3,792 *			1,736 *	2,044 *	4,087 *	4,478 *	2,772 *
7	1,778 *		5,536 *		3,378 *			1,950 *	1,579 *	3,722 *	4,087 *	3,582 *
8	1,736 *		5,160 *		3,185 *			2,282 *	1,786 *	3,444 *	4,240 *	3,654 *
9	1,540 *		4,896 *		2,762 *			2,540 *	2,231 *	3,378 *	4,011 *	3,121 *
10	1,466 *		5,434 *		2,540 *			2,331 *	1,907 *	3,121 *	3,650 *	3,319 *
11	1,360 *		6,220 *		2,383 *			2,041 *	1,696 *	2,937 *	3,314 *	3,582 *
12	1,260 *		6,013 *		2,234 *			1,950 *	1,657 *	2,762 *	2,939 *	3,312 *
13	1,294 *		5,255 *		2,649 *			1,907 *	1,430 *	2,649 *	2,488 *	3,121 *
14	1,292 *		4,726 *		2,231 *			1,696 *	1,657 *	2,383 *	2,540 *	2,762 *
15	1,164 *		4,901 *		2,041 *			1,578 *	1,863 *	2,331 *	2,231 *	2,486 *
16	1,227 *		4,896 *		2,138 *			1,579 *	1,736 *	2,707 *	2,488 *	2,282 *
17	1,466 *		4,642 *		1,950 *			1,466 *	1,863 *	2,819 *	2,821 *	2,184 *
18	1,326 *		4,398 *		2,231 *			1,260 *	1,738 *	3,121 *	3,060 *	2,182 *
19	1,227 *		4,318 *		2,135 *			0,965 *	1,466 *	2,821 *	3,516 *	1,950 *
20	1,105 *		3,937 *		2,596 *			1,018 *	1,260 *	2,437 *	4,013 *	1,906 *
21	1,075 *		3,378 *		2,649 *			1,329 *	1,105 *	2,135 *	4,398 *	2,135 *
22	1,047 *		3,446 *		2,182 *			1,466 *	1,166 *	2,772 *	4,087 *	2,488 *
23	0,963 *		4,019 *		1,579 *			1,696 *	1,228 *	3,582 *	4,244 *	2,705 *
24	1,329 *		4,320 *		1,786 *			1,736 *	1,504 *	5,295 *	5,076 *	3,001 *
25	1,619 *		5,255 *		2,231 *			1,781 *	1,781 *	7,418 *	5,622 *	4,171 *
26	1,863 *		6,115 *		1,907 *			1,540 *	1,778 *	6,115 *	5,627 *	4,480 *
27	1,907 *		7,661 *		1,696 *			1,466 *	2,135 *	5,815 *	5,071 *	5,820 *
28	1,696 *		8,019 *		1,863 *			1,657 *	2,331 *	5,717 *	4,402 *	9,318 *
29	1,578 *		6,744 *		2,184 *			1,863 *	2,653 *	6,013 *	3,728 *	11,699 *
30	1,466 *		6,115 *		2,596 *			2,041 *	2,649 *	5,529 *	3,121 *	10,040 *
31	1,360 *		5,815 *		2,821 *			2,135 *		4,985 *		8,268 *
Caudal Max.	2,486 *		8,388 *		5,341 *			2,594 *	2,819 *	7,651 *	5,913 *	12,182 *
Día	1		28		1			9	29	25	26	29
Hora	8		8		18			18	18	8	8	8
Caudal Mín.	0,936 *		3,058 *		1,503 *			0,885 *	1,046 *	2,087 *	2,182 *	1,906 *
Día	23		1		23			19	21	21	15	19
Hora	8		8		18			18	18	8	18	18
Caudal Medio	1,547		5,087		2,763			1,774	1,856	3,715	4,004	3,860

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

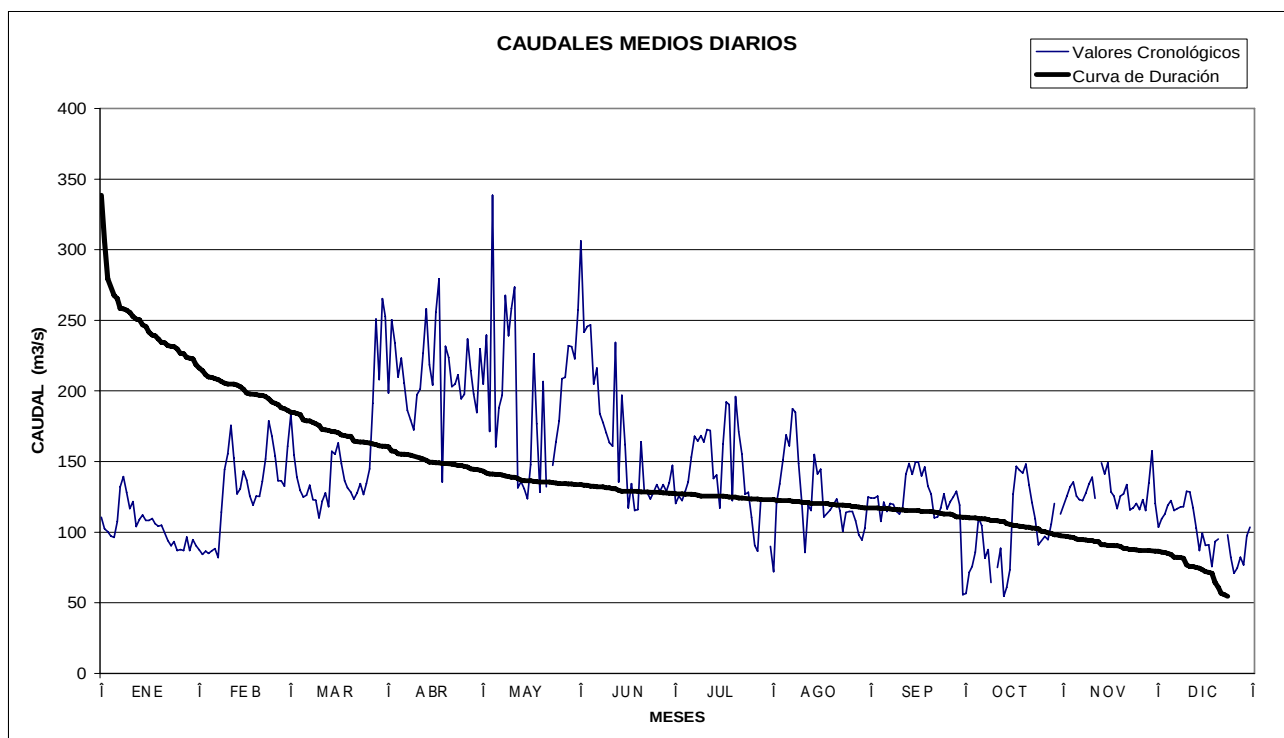


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H146	GUAYLLABAMBA DJ ALAMBI											Area Drenaje:6460 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	110,399	87,442	160,755	252,678	229,830	257,215 *	147,250 *	89,786 *	124,876 *	55,620 *	112,726 *	120,292 *
2	102,409	84,242	183,295	198,521	204,771	306,163 *	120,292 *	71,894 *	124,232 *	56,556 *	119,074 *	103,472 *
3	100,296	86,510	154,627	250,251	239,541	241,635 *	125,508 *	120,292 *	124,197 *	71,419 *	125,523 *	109,271 *
4	97,146	84,766	138,713	234,015	171,274 *	245,503 *	122,249 *	134,163 *	125,497 *	75,562 *	132,136 *	112,679 *
5	96,281	86,617	129,624	209,875	338,512 *	246,679 *	128,816 *	150,862 *	107,682 *	85,923 *	135,545 *	119,013 *
6	107,564	88,246	124,818	223,177	160,452 *	204,704 *	135,528 *	168,712 *	121,058 *	110,154 *	125,523 *	122,249 *
7	132,228	81,872	126,118	205,525	187,943 *	216,078 *	152,982 *	161,022 *	114,601 *	104,679 *	122,893 *	115,248 *
8	139,363	114,165	133,203	186,239	196,775 *	184,016 *	167,933 *	187,431 *	120,292 *	81,530 *	122,232 *	116,550 *
9	128,103	144,198	123,088	179,559	267,760 *	177,525 *	164,580 *	184,892 *	119,651 *	87,609 *	127,561 *	117,907 *
10	116,740	155,255	122,651	172,396	239,099 *	170,360 *	168,292 *	148,655 *	114,578 *	64,274 *	134,163 *	117,957 *
11	121,594	175,669	110,201	197,329	258,289 *	163,319 *	163,776 *	120,935 *	112,652 *		138,922 *	128,857 *
12	103,986	152,352	121,762	201,101	273,395 *	160,804 *	172,697 *	85,670 *	117,100 *	75,039 *	123,916 *	128,320 *
13	109,069	126,938	127,661	226,626	131,467 *	234,351 *	171,951 *	119,001 *	141,017 *	88,511 *		117,293 *
14	112,066	130,738	118,021	257,957	135,671 *	135,511 *	138,111 *	115,248 *	148,655 *	54,590 *	149,023 *	102,875 *
15	108,318	143,074	157,067	218,468	130,800 *	196,766 *	140,381 *	154,892 *	140,851 *	60,766 *	141,068 *	87,082 *
16	108,140	136,803	155,095	204,116	123,568 *	161,914 *	117,205 *	141,068 *	149,520 *	73,277 *	149,136 *	99,252 *
17	109,623	125,410	163,013	255,686	147,589 *	117,141 *	162,426 *	144,452 *	149,379 *	126,859 *	128,337 *	90,512 *
18	105,924	119,075	148,246	279,418	226,329 *	134,415 *	192,032 *	110,783 *	139,692 *	146,631 *	125,523 *	91,023 *
19	104,343	125,459	136,331	135,528 *	176,686 *	115,248 *	190,342 *	113,299 *	146,128 *	143,872 *	116,632 *	75,565 *
20	104,851	125,333	131,503	231,553	128,207 *	115,897 *	122,232 *	115,827 *	132,423 *	141,812 *	125,569 *	93,343 *
21	99,509	135,788	128,557	223,532	206,736 *	164,082 *	195,897 *	119,645 *	126,859 *	148,154 *	126,917 *	95,204 *
22	94,048	151,783	123,492	202,882	132,136 *	128,886 *	171,064 *	123,539 *	110,157 *	133,285 *	133,507 *	
23	90,283	178,771	127,866	204,821		127,561 *	155,175 *	115,201 *	110,777 *	120,935 *	115,815 *	
24	93,375	167,881	134,251	211,363	147,250 *	123,539 *	126,859 *	100,472 *	117,088 *	109,340 *	117,088 *	98,017 *
25	87,041	153,730	126,567	194,349	163,793 *	128,181 *	128,276 *	113,957 *	126,917 *	91,100 *	120,292 *	82,117 *
26	87,724	136,423	134,303	197,420	178,762 *	133,768 *	110,545 *	114,601 *	116,517 *	94,081 *	115,868 *	70,852 *
27	86,891	136,429	144,767	236,912	208,721 *	128,920 *	90,543 *	114,578 *	121,594 *	96,945 *	122,881 *	74,504 *
28	96,549	132,618	191,356	214,232	209,502 *	133,768 *	86,495 *	108,038 *	124,928 *	94,796 *	115,248 *	82,068 *
29	86,969		250,865	197,928	232,020 *	128,784 *	122,884 *	98,020 *	128,961 *	105,469 *	134,844 *	76,639 *
30	94,596		208,043	184,626	231,267 *	135,119 *	122,893 *	94,496 *	119,074 *	120,292 *	157,558 *	97,433 *
31	90,237		265,318		222,721 *			102,800 *				103,423 *
Caudal Max.	152,912	211,135	336,320	346,328		316,677 *		201,420 *	160,120 *			
Día	11	11	29	14		2		8	16			
Hora	2	3	21			7		7	7			
Caudal Mín.	83,141	79,856	98,017	113,910 *		108,913 *		70,336 *	106,450 *			
Día	31	5	11	25		20		2	5			
Hora	19	16	15	7		17		17	17			
Caudal Medio	104,054	127,414	148,425	212,936	196,695	170,595	143,840	124,007	125,898	97,210	128,121	101,690

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

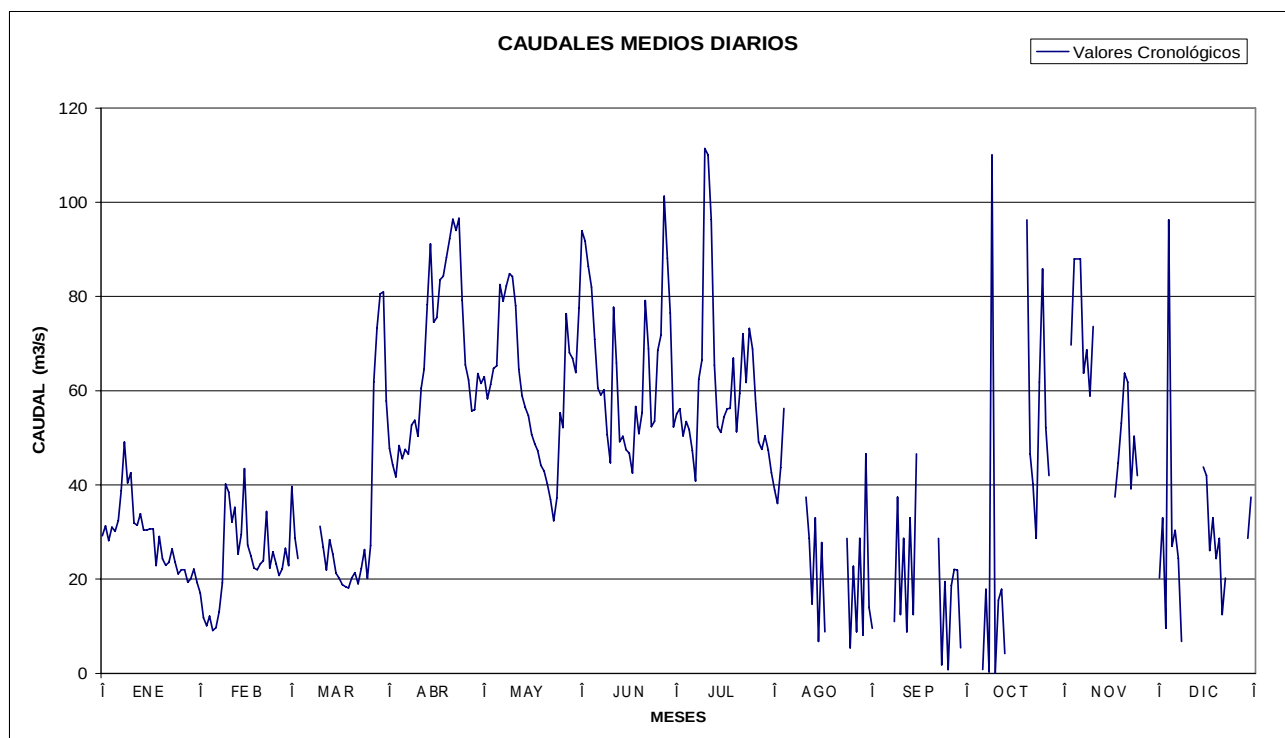


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H148	GUAYLLABAMBA DJ PISQUE											Area Drenaje:4083 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	29,150	17,025	22,917	57,800	61,529	77,471	52,280	42,567	13,976 *			
2	31,288	11,825	39,679	47,741	62,980	93,954	55,098	38,908	9,540 *			20,272 *
3	28,145	10,132	28,621 *	44,303	58,277	91,757	56,179	36,069				32,971 *
4	31,042	12,124	24,387 *	41,663	61,364	86,374	50,403	43,709			69,668 *	9,540 *
5	30,142	9,060		48,364	64,719	82,007	53,466	56,216			87,929 *	96,261 *
6	32,429	9,656		45,547	65,280	70,944	51,727				87,929 *	26,914 *
7	38,799	13,078		47,524	82,503	60,514	47,269			0,788 *	87,929 *	30,346 *
8	49,095	19,222		46,500	79,016	59,118	40,821			17,866 *	63,745 *	24,387 *
9	40,427	40,177		52,733	82,289	60,220	62,454		10,987 *	0,343 *	68,675 *	6,757 *
10	42,621	38,417		53,731	84,817	50,655	66,456		37,401 *	110,057 *	58,877 *	
11	31,933	32,129	31,214 *	50,334	84,226	44,713	111,370		12,467 *	0,000 *	73,664 *	
12	31,418	35,273	26,709	60,491	78,042	77,696	110,027	37,401 *	28,621 *	15,513 *		
13	33,898	25,330	21,924	64,478	64,496	65,875	96,299	28,621 *	8,830 *	17,866 *		
14	30,412	29,442	28,405	78,260	58,965	49,205	65,363	14,741 *	32,963 *	4,156 *		
15	30,416	43,489	25,322	91,169	56,489	50,317	52,365	32,963 *	12,467 *			
16	30,694	27,244	21,235	74,506	54,657	47,422	51,117	6,757 *	46,540 *			43,764 *
17	30,574	24,941	20,108	75,555	50,770	46,720	54,474	27,766 *				41,929 *
18	22,907	22,367	18,779	83,581	48,698	42,528	56,162	8,830 *			37,401 *	26,067 *
19	29,046	21,983	18,381	84,281	47,267	56,625	56,204				44,686 *	32,963 *
20	24,336	23,287	18,105	88,304	44,163	50,868	66,926				53,123 *	24,387 *
21	22,930	23,882	20,270	92,211	42,907	55,337	51,253			96,261 *	63,745 *	28,621 *
22	23,530	34,312	21,397	96,404	40,174	79,173	59,405			46,540 *	61,790 *	12,467 *
23	26,418	22,372	18,998	94,047	36,837	68,900	72,048		28,621 *	40,108 *	39,202 *	20,272 *
24	23,648	25,782	22,284	96,606	32,386	52,411	61,745		1,810 *	28,621 *	50,284 *	
25	21,147	23,192	26,304	79,195	37,292	53,533	73,208	28,621 *	19,464 *	61,790 *	41,929 *	
26	22,013	20,799	20,163	65,463	55,245	68,525	68,845	5,430 *	0,788 *	85,866 *		
27	21,956	22,204	27,182	62,257	52,178	71,809	57,238	22,726 *	18,662 *	52,174 *		
28	19,344	26,553	61,865	55,666	76,357	101,283	49,122	8,830 *	22,067 *	41,929 *		
29	20,013		73,280	55,962	68,054	88,127	47,551	28,621 *	21,903 *			
30	22,114		80,597	63,614	66,831	76,512	50,413	8,129 *	5,430 *			28,621 *
31	19,258		80,951		63,810		47,409	46,540 *				37,401 *
Caudal Max.	88,964	73,664		100,473	126,339	119,781	136,281					
Día	8	15		24	10	2	11					
Hora	20	1		1	18	16	2					
Caudal Mín.	14,741	3,541		35,615	25,225	32,086	32,963					
Día	31	6		10	24	18	8					
Hora	20	7		8	4	22	15					
Caudal Medio	28,747	23,761	31,963	66,610	60,084	66,020	61,119					

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

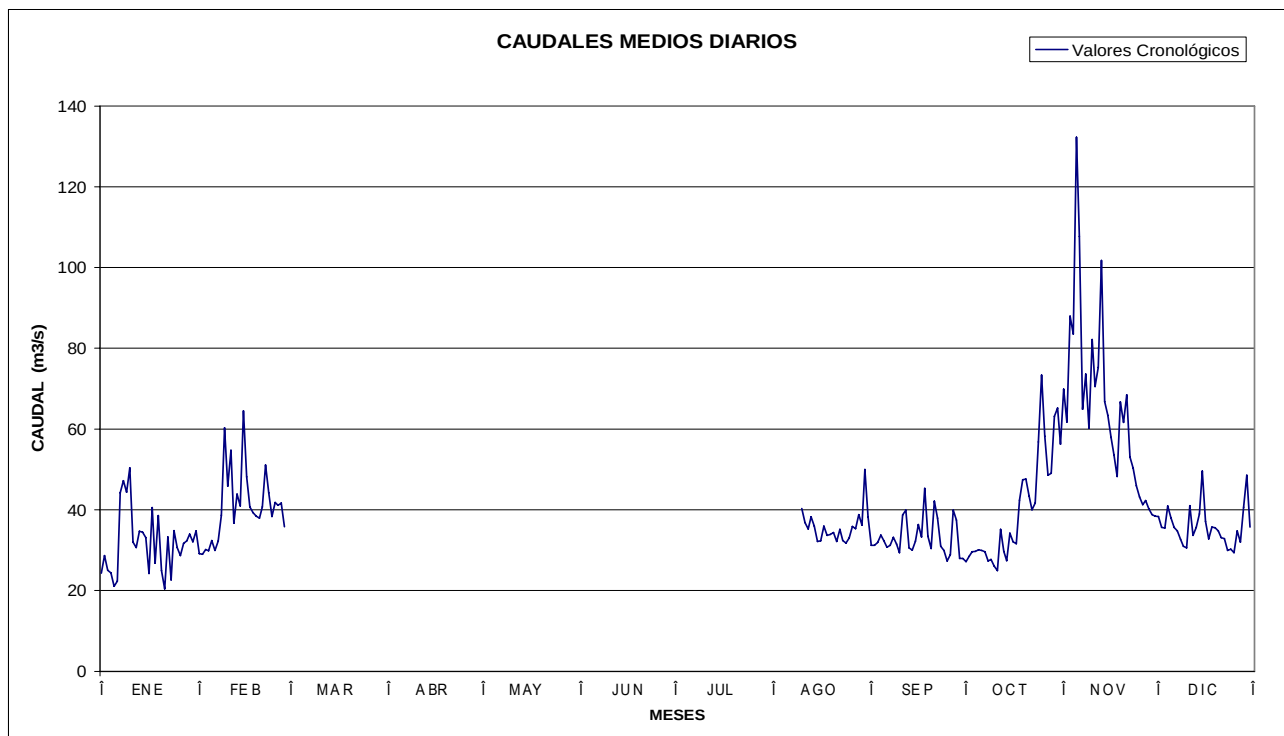


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H149	GUAYLLABAMBA EN PTE.CHACAPATA												Area Drenaje:4490 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	24,325	29,163							38,194	27,963	56,211	38,426	
2	28,699	28,956							31,154	27,165	69,843	38,326	
3	25,052	30,181							31,222	28,551	61,716	35,651	
4	24,420	29,837							31,911	29,630	87,925	35,501	
5	21,089	32,329							33,738	29,687	83,505	40,960	
6	22,302	29,896							32,412	30,079	132,286	37,985	
7	44,154	32,257							30,732	29,892	107,688	35,639	
8	47,200	38,627							31,181	29,624	64,904	34,816	
9	44,354	60,276							33,200	27,282	73,605	32,706	
10	50,401	45,853							31,528	27,696	60,199	30,969	
11	31,973	54,775						40,326	29,390	26,060	82,180	30,598	
12	30,618	36,667						36,850	38,735	24,905	70,497	41,041	
13	34,689	43,914						35,264	39,972	35,175	75,311	33,687	
14	34,445	40,984						38,269	30,580	29,719	101,741	35,652	
15	33,108	64,451						35,914	30,070	27,400	66,783	38,965	
16	24,204	48,156						32,160	32,263	34,224	63,402	49,586	
17	40,532	40,693						32,297	36,368	32,113	57,895	37,135	
18	26,777	39,258						35,917	33,278	31,553	53,680	32,801	
19	38,577	38,402						33,692	45,356	42,418	48,285	35,742	
20	24,888	37,948						33,868	33,380	47,451	66,729	35,587	
21	20,428	40,700						34,382	30,437	47,624	61,614	34,817	
22	33,305	51,128						32,145	42,112	43,372	68,416	33,156	
23	22,654	44,145						35,170	37,956	40,005	53,102	32,859	
24	34,842	38,351						32,397	30,937	41,654	50,282	29,899	
25	30,657	41,849						31,789	29,914	56,817	45,944	30,265	
26	28,682	41,079						33,026	27,365	73,364	43,195	29,344	
27	31,662	41,646						35,878	28,851	58,219	41,270	34,799	
28	32,307	35,856						35,287	39,934	48,543	42,289	32,019	
29	33,949							38,806	37,468	49,010	40,237	40,658	
30	32,079							36,223	27,939	63,166	38,783	48,570	
31	34,781							50,009		65,216		35,680	
Caudal Max.	86,712	104,005							104,005	111,641	184,148	88,331	
Día	8	9							16	31	6	5	
Hora	21	22							23		2	20	
Caudal Mín.	13,948	13,574							16,802	15,527	30,970	16,802	
Día	27	5							26	11	27	10	
Hora	13	10							13	16	12	12	
Caudal Medio	31,844	40,621						35,698	33,586	38,890	65,650	35,930	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



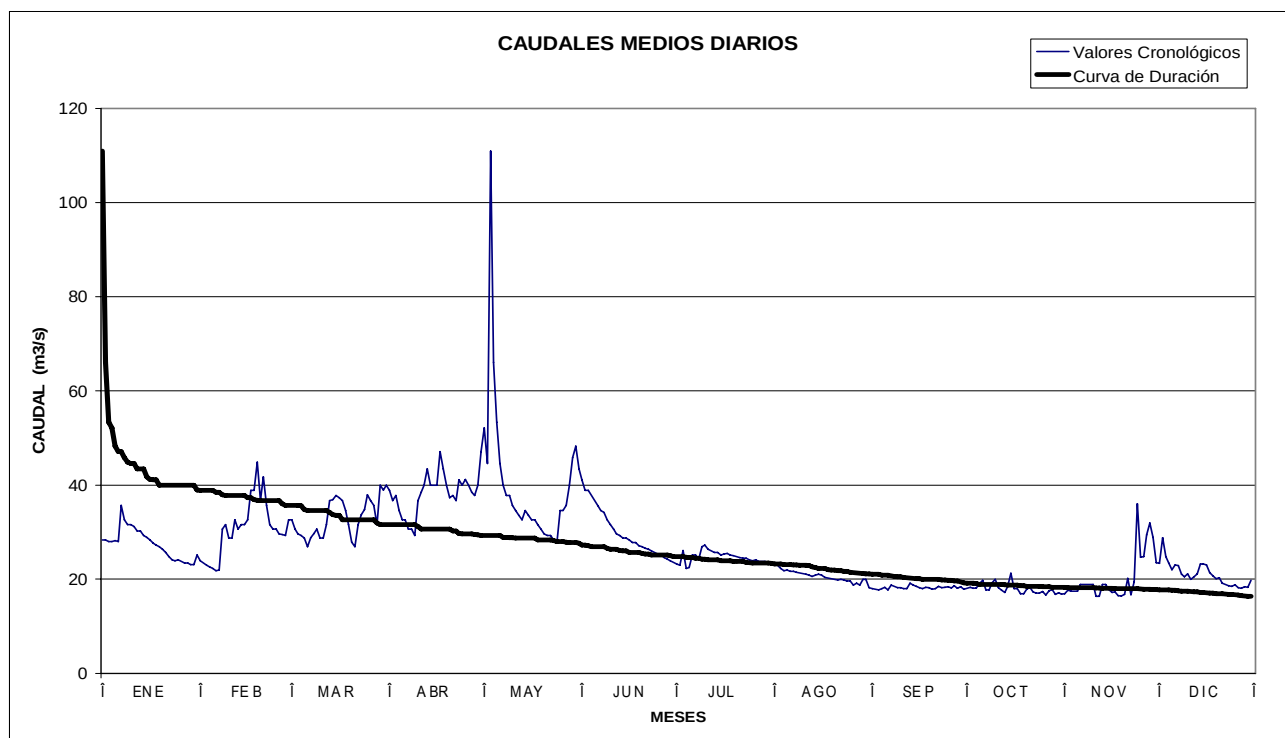
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H150	INTAG DJ PAMPLONA											Area Drenaje:1014 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	28,342 *	23,937 *	32,571 *	39,984 *	47,092 *	43,382 *	23,600 *	23,434 *	18,159 *	17,854	16,867	23,494
2	28,342 *	23,434 *	32,571 *	38,852 *	52,110 *	41,082 *	23,269 *	23,103 *	18,014 *	18,047	16,886	23,347
3	27,975 *	22,940 *	30,612 *	36,690 *	44,583 *	38,852 *	22,940 *	22,940 *	17,871 *	18,264	17,657	28,797
4	27,975 *	22,611 *	29,650 *	37,788 *	110,903 *	38,852 *	26,131 *	22,288 *	17,728 *	18,033	17,445	24,759
5	28,159 *	22,288 *	29,274 *	34,597 *	66,079 *	37,754 *	22,288 *	21,805 *	18,014 *	18,115	17,445	23,454
6	27,975 *	21,805 *	28,721 *	32,571 *	53,346 *	36,690 *	22,449 *	21,965 *	18,308 *	19,094	17,445	22,015
7	35,661 *	21,965 *	26,895 *	32,571 *	44,583 *	35,627 *	25,136 *	21,647 *	17,728 *	19,775	18,888	23,045
8	32,571 *	30,612 *	28,787 *	30,612 *	39,984 *	34,597 *	25,136 *	21,646 *	18,741 *	17,711	18,888	22,854
9	31,575 *	31,608 *	29,683 *	30,612 *	37,788 *	34,181 *	24,273 *	21,487 *	18,449 *	17,729	18,888	21,045
10	31,575 *	28,721 *	30,612 *	29,274 *	37,754 *	32,571 *	26,895 *	21,329 *	18,159 *	19,203	18,888	20,498
11	31,186 *	28,721 *	28,721 *	36,690 *	35,661 *	31,575 *	27,250 *	21,172 *	18,159 *	19,990	18,888	21,152
12	30,223 *	32,571 *	28,721 *	38,422 *	34,597 *	30,612 *	26,354 *	21,015 *	18,014 *	18,173	16,336	19,918
13	30,223 *	30,612 *	31,608 *	39,984 *	33,567 *	29,650 *	25,999 *	20,859 *	18,014 *	17,638	16,336	20,521
14	29,274 *	31,608 *	36,690 *	43,451 *	32,571 *	29,274 *	25,650 *	20,549 *	19,185 *	17,164	18,888	21,161
15	28,898 *	31,575 *	36,900 *	39,984 *	34,597 *	28,713 *	25,650 *	20,859 *	18,741 *	18,465	18,888	23,220
16	28,345 *	32,571 *	37,788 *	39,984 *	33,567 *	28,713 *	25,128 *	21,015 *	18,449 *	21,215	17,773	23,246
17	27,610 *	38,852 *	37,325 *	39,984 *	32,571 *	28,345 *	25,301 *	20,859 *	18,159 *	18,014	17,162	23,022
18	27,250 *	38,852 *	36,690 *	47,092 *	32,571 *	27,791 *	25,475 *	20,394 *	18,014 *	18,014	17,268	21,345
19	26,887 *	44,861 *	34,597 *	43,382 *	31,575 *	27,791 *	25,128 *	20,241 *	18,303 *	16,885	16,541	20,703
20	26,354 *	36,758 *	31,608 *	39,984 *	30,612 *	27,067 *	24,957 *	20,088 *	18,159 *	16,885	16,386	20,088
21	25,650 *	41,772 *	27,824 *	37,325 *	29,650 *	26,887 *	24,784 *	19,936 *	17,871 *	17,891	16,756	20,323
22	24,787 *	35,661 *	26,895 *	37,788 *	29,274 *	26,530 *	24,614 *	19,784 *	18,014 *	18,189	20,125	19,131
23	24,104 *	31,608 *	31,608 *	36,690 *	29,274 *	26,354 *	24,443 *	19,936 *	18,451 *	17,277	16,674	18,888
24	23,935 *	30,612 *	33,702 *	41,082 *	28,345 *	25,999 *	24,443 *	19,784 *	18,159 *	17,054	19,443	18,566
25	24,104 *	30,612 *	34,800 *	39,984 *	27,791 *	25,650 *	24,104 *	19,634 *	18,303	17,039	35,985	18,456
26	23,768 *	29,650 *	37,891 *	41,151 *	34,597 *	25,301 *	23,937 *	19,634 *	18,383	17,387	24,663	18,826
27	23,434 *	29,464 *	36,690 *	39,984 *	34,597 *	25,128 *	24,104 *	18,741 *	18,118	16,657	24,771	18,183
28	23,434 *	29,274 *	35,661 *	38,422 *	35,661 *	24,614 *	23,768 *	19,185 *	18,594	17,537	29,416	18,041
29	23,103 *		31,575 *	37,788 *	39,984 *	24,273 *	23,768 *	18,741 *	18,064	17,789	31,971	18,423
30	23,103 *		39,984 *	39,984 *	45,820 *	23,937 *	23,768 *	19,974 *	18,399	16,770	28,861	18,293
31	25,136 *		38,921 *		48,259 *		23,434 *	19,974 *		17,108		19,781
Caudal Max.	37,754 *	51,969 *	42,215 *	51,969 *	153,079 *	44,548 *	29,650 *	23,600 *	19,483 *	26,708	54,054	38,624
Día	7	21	26	18	4	1	4	1	14	10	28	3
Hora	6	6	6	6	6	6	6	6	6	21	21	5
Caudal Mín.	22,938 *	21,646 *	25,999 *	28,898 *	27,791 *	23,600 *	21,965 *	18,303 *	17,728	16,336	16,065	17,445
Día	29	6	21	10	25	30	5	29	vv	27	21	30
Hora	17	17	17	17	6	17	17	17		6	8	2
Caudal Medio	27,450	30,556	32,760	38,090	40,302	30,593	24,651	20,775	18,224	17,967	20,081	21,116

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



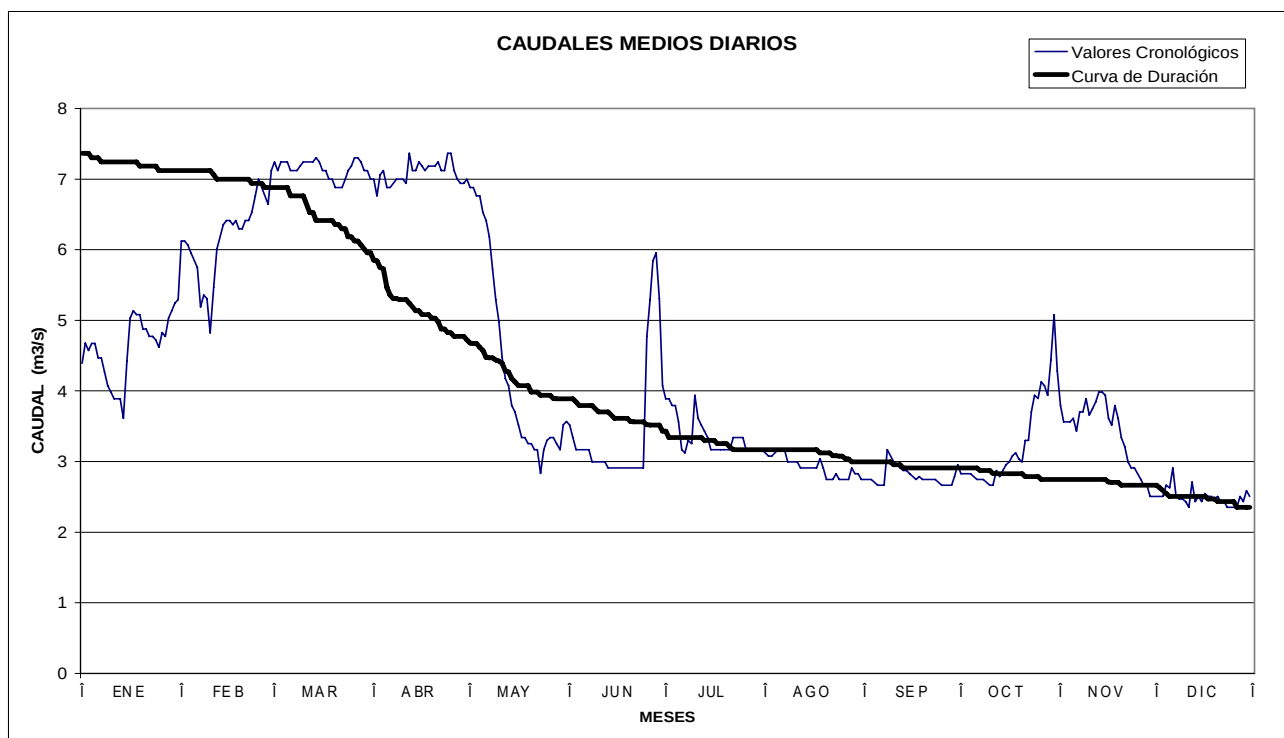
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H158	PITA AJ SALTO											Area Drenaje:214 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	4,391 *	6,125 *	7,121 *	7,000 *	7,000 *	3,566 *	4,077 *	3,165 *	2,746 *	2,952 *	4,282 *	2,506 *
2	4,676 *	6,125 *	7,243 *	7,000 *	6,880 *	3,519 *	3,887 *	3,122 *	2,746 *	2,828 *	3,793 *	2,506 *
3	4,572 *	6,068 *	7,121 *	6,761 *	6,880 *	3,340 *	3,887 *	3,079 *	2,746 *	2,828 *	3,563 *	2,506 *
4	4,671 *	5,957 *	7,242 *	7,060 *	6,761 *	3,165 *	3,793 *	3,079 *	2,746 *	2,828 *	3,563 *	2,506 *
5	4,671 *	5,852 *	7,242 *	7,121 *	6,761 *	3,165 *	3,793 *	3,122 *	2,705 *	2,828 *	3,563 *	2,665 *
6	4,468 *	5,746 *	7,242 *	6,880 *	6,526 *	3,165 *	3,563 *	3,165 *	2,665 *	2,787 *	3,609 *	2,626 *
7	4,468 *	5,189 *	7,121 *	6,880 *	6,410 *	3,165 *	3,165 *	3,165 *	2,665 *	2,746 *	3,429 *	2,911 *
8	4,270 *	5,357 *	7,121 *	6,940 *	6,180 *	3,165 *	3,122 *	3,165 *	2,665 *	2,746 *	3,701 *	2,506 *
9	4,077 *	5,306 *	7,121 *	7,000 *	5,730 *	2,994 *	3,296 *	2,994 *	3,165 *	2,746 *	3,701 *	2,468 *
10	3,982 *	4,822 *	7,182 *	7,000 *	5,295 *	2,994 *	3,252 *	2,994 *	3,080 *	2,705 *	3,887 *	2,468 *
11	3,887 *	5,462 *	7,242 *	7,000 *	4,978 *	2,994 *	3,935 *	2,994 *	2,994 *	2,665 *	3,655 *	2,429 *
12	3,887 *	6,010 *	7,242 *	6,940 *	4,470 *	2,994 *	3,609 *	2,994 *	2,952 *	2,665 *	3,747 *	2,352 *
13	3,887 *	6,180 *	7,242 *	7,365 *	4,173 *	2,994 *	3,518 *	2,911 *	2,911 *	2,869 *	3,843 *	2,708 *
14	3,609 *	6,352 *	7,242 *	7,121 *	4,077 *	2,911 *	3,429 *	2,911 *	2,869 *	2,787 *	3,982 *	2,429 *
15	4,424 *	6,410 *	7,303 *	7,121 *	3,793 *	2,911 *	3,340 *	2,911 *	2,869 *	2,870 *	3,982 *	2,506 *
16	5,030 *	6,410 *	7,242 *	7,242 *	3,701 *	2,911 *	3,165 *	2,911 *	2,828 *	2,955 *	3,935 *	2,429 *
17	5,135 *	6,352 *	7,121 *	7,182 *	3,518 *	2,911 *	3,165 *	2,911 *	2,787 *	2,994 *	3,609 *	2,547 *
18	5,083 *	6,410 *	7,121 *	7,121 *	3,340 *	2,911 *	3,165 *	2,911 *	2,746 *	3,080 *	3,518 *	2,506 *
19	5,083 *	6,294 *	7,000 *	7,182 *	3,340 *	2,911 *	3,165 *	3,038 *	2,787 *	3,122 *	3,793 *	2,506 *
20	4,874 *	6,294 *	7,000 *	7,182 *	3,252 *	2,911 *	3,165 *	2,911 *	2,746 *	3,037 *	3,609 *	2,468 *
21	4,874 *	6,410 *	6,880 *	7,182 *	3,252 *	2,911 *	3,165 *	2,746 *	2,746 *	2,994 *	3,340 *	2,506 *
22	4,771 *	6,410 *	6,880 *	7,242 *	3,165 *	2,911 *	3,165 *	2,746 *	2,746 *	3,296 *	3,209 *	2,429 *
23	4,771 *	6,526 *	6,880 *	7,121 *	3,165 *	2,911 *	3,340 *	2,746 *	2,746 *	3,296 *	2,994 *	2,429 *
24	4,720 *	6,761 *	7,000 *	7,121 *	2,830 *	2,911 *	3,340 *	2,828 *	2,746 *	3,701 *	2,911 *	2,352 *
25	4,618 *	7,000 *	7,121 *	7,365 *	3,167 *	2,911 *	3,340 *	2,746 *	2,705 *	3,935 *	2,911 *	2,352 *
26	4,823 *	6,881 *	7,182 *	7,365 *	3,296 *	4,771 *	3,340 *	2,746 *	2,665 *	3,894 *	2,828 *	2,352 *
27	4,773 *	6,761 *	7,303 *	7,121 *	3,340 *	5,295 *	3,165 *	2,746 *	2,665 *	4,130 *	2,746 *	2,352 *
28	5,030 *	6,643 *	7,303 *	7,000 *	3,340 *	5,841 *	3,165 *	2,746 *	2,665 *	4,077 *	2,665 *	2,506 *
29	5,136 *		7,242 *	6,940 *	3,252 *	5,953 *	3,165 *	2,911 *	2,665 *	3,935 *	2,665 *	2,429 *
30	5,241 *		7,121 *	6,940 *	3,165 *	5,306 *	3,165 *	2,828 *	2,787 *	4,438 *	2,506 *	2,586 *
31	5,295 *		7,121 *		3,520 *		3,165 *	2,828 *		5,083 *		2,506 *
Caudal Max.	5,295 *	7,000 *	7,365 *	7,365 *	7,000 *	6,066 *	4,076 *	3,165 *	3,165 *	5,082 *	4,771 *	2,910 *
Día	29	25	2	vv	1	29	1	vv	9	31	1	7
Hora	5	6	16		16	16	7		6	6	16	6
Caudal Mín.	3,609 *	4,771 *	6,880 *	6,761 *	2,665 *	2,910 *	3,079 *	2,746 *	2,665 *	2,665 *	2,506 *	2,352 *
Día	14	9	vv	3	24	20	8	vv	vv	vv	30	vv
Hora	5	16		6	6	17	16				6	
Caudal Medio	4,619	6,147	7,147	7,083	4,469	3,444	3,387	2,938	2,785	3,220	3,451	2,495

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



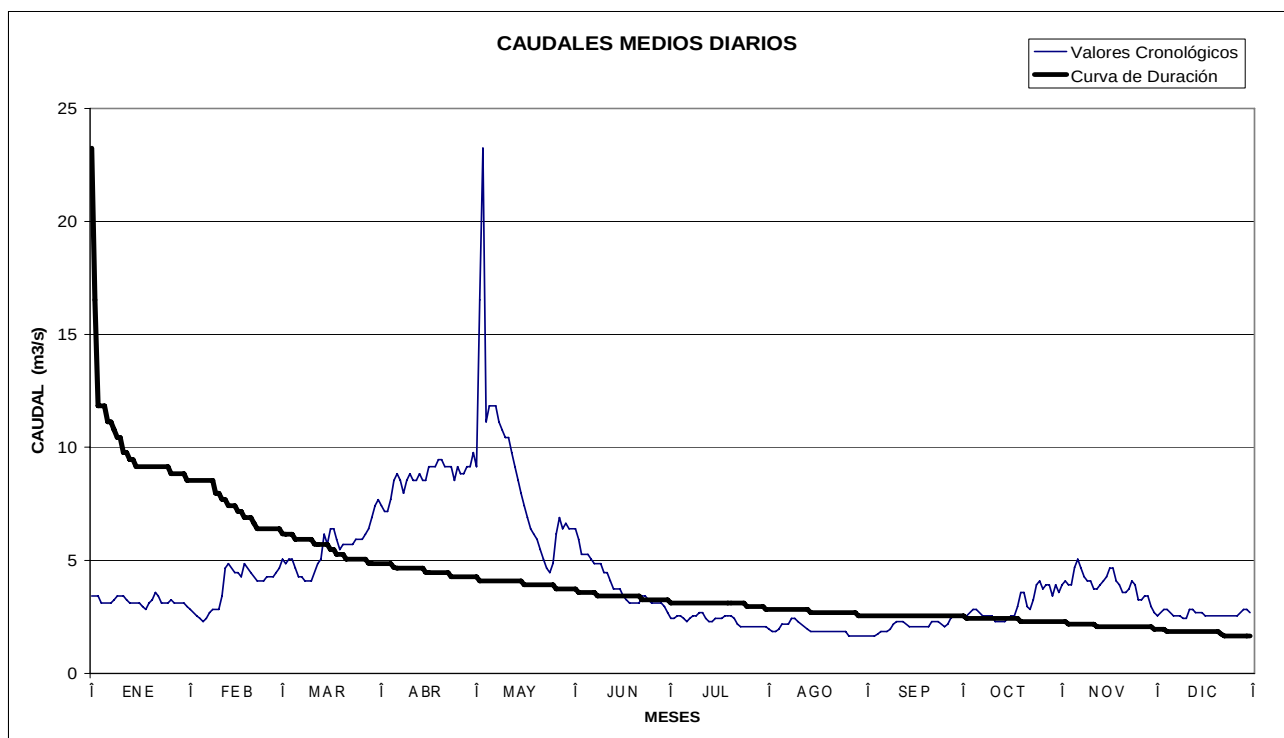
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H159	SAN PEDRO EN MACHACHI												Area Drenaje:363 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	3,414 *	2,818 *	4,654 *	7,688 *	9,777 *	6,401 *	2,683 *	2,063 *	1,643 *	2,549 *	3,578 *	2,683 *	
2	3,414 *	2,683 *	5,056 *	7,421 *	9,147 *	6,401 *	2,423 *	1,954 *	1,643 *	2,549 *	3,915 *	2,549 *	
3	3,414 *	2,549 *	4,849 *	7,153 *	16,523 *	5,929 *	2,423 *	1,845 *	1,643 *	2,549 *	4,089 *	2,683 *	
4	3,107 *	2,423 *	5,056 *	7,153 *	23,239 *	5,262 *	2,549 *	1,845 *	1,643 *	2,683 *	3,915 *	2,818 *	
5	3,107 *	2,297 *	5,056 *	7,701 *	11,125 *	5,262 *	2,549 *	1,954 *	1,744 *	2,818 *	3,915 *	2,818 *	
6	3,107 *	2,423 *	4,654 *	8,544 *	11,843 *	5,262 *	2,423 *	2,180 *	1,845 *	2,818 *	4,676 *	2,683 *	
7	3,107 *	2,683 *	4,274 *	8,839 *	11,843 *	5,056 *	2,297 *	2,180 *	1,845 *	2,683 *	5,056 *	2,549 *	
8	3,260 *	2,818 *	4,274 *	8,544 *	11,843 *	4,849 *	2,423 *	2,180 *	1,845 *	2,549 *	4,654 *	2,549 *	
9	3,414 *	2,818 *	4,089 *	7,969 *	11,125 *	4,849 *	2,549 *	2,423 *	1,954 *	2,549 *	4,274 *	2,549 *	
10	3,414 *	2,818 *	4,089 *	8,544 *	10,773 *	4,849 *	2,549 *	2,423 *	2,180 *	2,549 *	4,089 *	2,423 *	
11	3,414 *	3,424 *	4,089 *	8,839 *	10,436 *	4,458 *	2,683 *	2,297 *	2,297 *	2,549 *	4,089 *	2,423 *	
12	3,260 *	4,654 *	4,469 *	8,544 *	10,436 *	4,458 *	2,683 *	2,180 *	2,297 *	2,297 *	3,741 *	2,818 *	
13	3,107 *	4,849 *	4,849 *	8,544 *	9,777 *	4,089 *	2,423 *	2,063 *	2,297 *	2,297 *	3,741 *	2,818 *	
14	3,107 *	4,654 *	5,056 *	8,839 *	9,147 *	3,741 *	2,297 *	1,954 *	2,180 *	2,297 *	3,915 *	2,683 *	
15	3,107 *	4,458 *	6,159 *	8,544 *	8,544 *	3,741 *	2,297 *	1,845 *	2,063 *	2,297 *	4,089 *	2,683 *	
16	3,107 *	4,458 *	5,711 *	8,544 *	7,969 *	3,741 *	2,423 *	1,845 *	2,063 *	2,297 *	4,274 *	2,683 *	
17	2,962 *	4,274 *	6,401 *	9,147 *	7,421 *	3,414 *	2,423 *	1,845 *	2,063 *	2,549 *	4,654 *	2,549 *	
18	2,818 *	4,849 *	6,401 *	9,147 *	6,898 *	3,260 *	2,423 *	1,845 *	2,063 *	2,549 *	4,654 *	2,549 *	
19	3,107 *	4,654 *	5,929 *	9,147 *	6,401 *	3,107 *	2,549 *	1,845 *	2,063 *	2,962 *	4,089 *	2,549 *	
20	3,260 *	4,458 *	5,480 *	9,455 *	6,159 *	3,107 *	2,549 *	1,845 *	2,063 *	3,578 *	3,915 *	2,549 *	
21	3,578 *	4,274 *	5,699 *	9,455 *	5,929 *	3,107 *	2,549 *	1,845 *	2,063 *	3,578 *	3,578 *	2,549 *	
22	3,414 *	4,089 *	5,699 *	9,147 *	5,480 *	3,107 *	2,423 *	1,845 *	2,297 *	2,962 *	3,578 *	2,549 *	
23	3,107 *	4,089 *	5,699 *	9,147 *	5,056 *	3,414 *	2,180 *	1,845 *	2,297 *	2,818 *	3,741 *	2,549 *	
24	3,107 *	4,089 *	5,699 *	9,147 *	4,654 *	3,414 *	2,063 *	1,845 *	2,297 *	3,260 *	4,089 *	2,549 *	
25	3,107 *	4,274 *	5,929 *	8,544 *	4,458 *	3,260 *	2,063 *	1,845 *	2,180 *	3,915 *	3,915 *	2,549 *	
26	3,260 *	4,274 *	5,929 *	9,147 *	4,860 *	3,107 *	2,063 *	1,845 *	2,063 *	4,089 *	3,260 *	2,549 *	
27	3,107 *	4,274 *	5,929 *	8,839 *	6,171 *	3,107 *	2,063 *	1,643 *	2,180 *	3,741 *	3,260 *	2,549 *	
28	3,107 *	4,458 *	6,159 *	8,839 *	6,898 *	3,107 *	2,063 *	1,643 *	2,423 *	3,915 *	3,414 *	2,683 *	
29	3,107 *		6,401 *	9,147 *	6,401 *	3,107 *	2,063 *	1,643 *	2,549 *	3,915 *	3,414 *	2,818 *	
30	3,107 *		6,898 *	9,147 *	6,643 *	2,962 *	2,063 *	1,643 *	2,549 *	3,414 *	2,962 *	2,818 *	
31	2,962 *		7,421 *		6,401 *		2,063 *	1,643 *		3,915 *		2,683 *	
Caudal Max.	3,741 *	4,849 *	7,688 *	9,455 *	34,268 *	6,643 *	2,818 *	2,549 *	2,549 *	4,089 *	5,262 *	2,818 *	
Día	21	vv	31	vv	4	1	1	9	vv	25	6	vv	
Hora	7		18		7	18	6	18		18	18		
Caudal Mín.	2,818 *	2,297 *	4,089 *	7,153 *	4,458 *	2,818 *	2,063 *	1,643 *	1,643 *	2,297 *	2,818 *	2,297 *	
Día	18	5	vv	vv	24	30	vv	vv	vv	vv	30	10	
Hora	18	6			18	18					18	18	
Caudal Medio	3,192	3,746	5,421	8,629	8,819	4,098	2,363	1,932	2,078	2,955	3,951	2,627	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

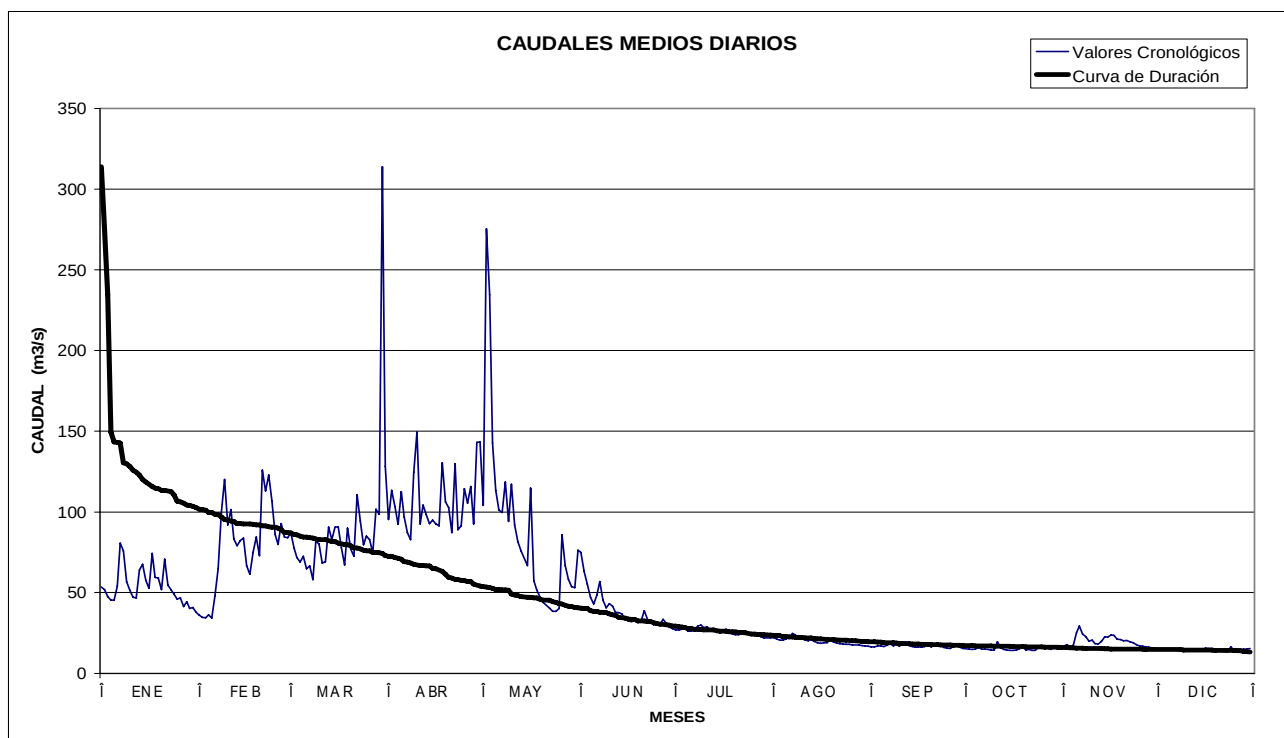


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H161	TOACHI AJ PILATON											Area Drenaje:1435 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	53,486	36,098	83,963	128,166 *	143,356 *	76,238 *	27,675 *	21,918 *	16,641 *	15,438 *	15,051 *	15,595 *
2	51,839	34,744	86,945	95,470 *	104,053 *	74,833 *	26,975 *	22,218 *	16,314 *	15,205 *	16,642 *	15,128 *
3	47,425	34,446	77,606	113,355 *	275,310 *	63,175 *	26,859 *	21,324 *	16,314 *	15,051 *	17,751 *	14,974 *
4	45,207	36,325	71,796	103,448 *	234,522 *	55,164 *	27,206 *	20,549 *	17,062 *	14,898 *	16,156 *	14,746 *
5	45,234	34,245	68,911	92,371 *	142,620 *	47,041 *	27,558 *	20,454 *	16,974 *	15,128 *	17,394 *	14,670 *
6	54,087	48,213	72,588	112,601 *	113,355 *	42,874 *	26,178 *	21,324 *	16,559 *	15,920 *	25,098 *	14,746 *
7	80,713	64,921	64,807	96,828 *	101,075 *	48,571 *	26,061 *	22,332 *	17,313 *	15,051 *	29,356 *	14,446 *
8	75,971	99,626	66,513	87,233 *	99,689 *	56,764 *	26,975 *	24,749 *	18,449 *	15,052 *	24,354 *	14,149 *
9	56,898	120,220	58,026	82,771 *	118,520 *	45,356 *	29,367 *	23,795 *	17,057 *	14,898 *	22,746 *	14,076 *
10	51,539	91,805	81,599	124,564 *	94,140 *	40,531 *	29,766 *	22,218 *	18,003 *	14,446 *	19,889 *	13,930 *
11	47,246	101,580	80,352	149,461 *	117,068 *	43,201 *	28,268 *	21,521 *	16,806 *	14,371 *	20,650 *	14,076 *
12	46,753	83,088	68,253	92,609 *	91,842 *	41,628 *	28,994 *	20,742 *	19,533 *	19,450 *	18,435 *	14,826 *
13	63,872	79,145	69,134	104,292 *	81,587 *	37,824 *	27,092 *	20,265 *	19,356 *	15,677 *	18,171 *	14,901 *
14	67,626	82,315	90,535	98,302 *	75,922 *	37,529 *	26,516 *	20,839 *	17,227 *	14,822 *	19,712 *	14,371 *
15	57,663	83,838	82,810	92,695 *	71,250 *	36,811 *	25,391 *	19,705 *	16,559 *	14,371 *	22,443 *	14,671 *
16	52,698	66,439	90,471	94,888 *	66,784 *	33,739 *	25,613 *	19,061 *	16,152 *	14,149 *	22,549 *	14,822 *
17	74,372	61,413	90,746	92,609 *	114,827 *	32,410 *	26,975 *	18,701 *	16,315 *	14,223 *	23,795 *	15,608 *
18	59,317	74,761	77,726	91,393 *	57,477 *	32,013 *	27,327 *	18,880 *	16,233 *	14,447 *	23,584 *	15,443 *
19	58,953	84,390	67,140	130,523 *	51,793 *	32,537 *	25,726 *	18,882 *	16,561 *	15,205 *	21,033 *	15,363 *
20	51,840	72,788	89,977 *	106,210 *	47,351 *	31,365 *	24,300 *	20,952 *	17,585 *	16,518 *	20,843 *	14,822 *
21	70,654	125,984	77,142 *	102,608 *	43,844 *	32,537 *	23,873 *	19,244 *	16,477 *	14,446 *	20,265 *	14,522 *
22	54,518	112,908	72,418 *	87,233 *	42,080 *	38,816 *	23,875 *	18,791 *	17,399 *	14,749 *	20,366 *	13,570 *
23	51,721	122,910	110,590 *	129,708 *	40,368 *	33,342 *	25,288 *	18,258 *	18,203 *	14,223 *	19,523 *	13,428 *
24	49,022	106,682	94,353 *	89,063 *	38,410 *	32,144 *	25,957 *	18,170 *	17,152 *	14,076 *	19,065 *	13,216 *
25	45,934	86,014	79,584 *	91,393 *	38,408 *	30,099 *	25,646 *	18,083 *	15,992 *	15,911 *	17,736 *	16,376 *
26	46,704	79,833	85,041 *	114,312 *	40,225 *	30,474 *	23,983 *	18,083 *	15,595 *	16,724 *	17,057 *	14,373 *
27	41,502	92,717	82,844 *	105,527 *	85,903 *	30,223 *	23,454 *	17,650 *	15,360 *	17,227 *	16,724 *	14,004 *
28	44,381	84,398	74,732 *	115,761 *	66,834 *	33,342 *	23,360 *	17,650 *	16,818 *	15,438 *	16,314 *	14,522 *
29	40,230		101,661 *	92,609 *	58,113 *	30,728 *	22,727 *	17,479 *	17,765 *	14,822 *	16,152 *	14,901 *
30	40,895		98,448 *	143,107 *	53,710 *	28,749 *	21,917 *	17,140 *	16,153 *	16,918 *	15,832 *	15,128 *
31	37,947		313,993 *		53,071 *		21,917 *	16,973 *		15,128 *		15,438 *
Caudal Max.	132,629	231,724	424,243 *	199,009 *	424,243 *	84,601 *	31,622 *	25,836 *	20,454 *	22,828 *	29,602 *	18,083 *
Día	7	21	31	30	3	1	10	8	2	12	7	25
Hora	21	1	18	17	17	7	7	6	7	7	7	7
Caudal Mín.	36,517	33,467	54,371	75,677 *	32,932 *	28,386 *	21,817 *	16,889 *	15,282 *	14,076 *	14,974 *	13,216 *
Día	31	5	9	9	26	30	30	31	27	16	1	24
Hora	19	10	16	17	17	17	17	17	18	17	17	17
Caudal Medio	53,750	78,637	88,087	105,370	89,145	41,002	25,897	19,934	16,998	15,290	19,823	14,672

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



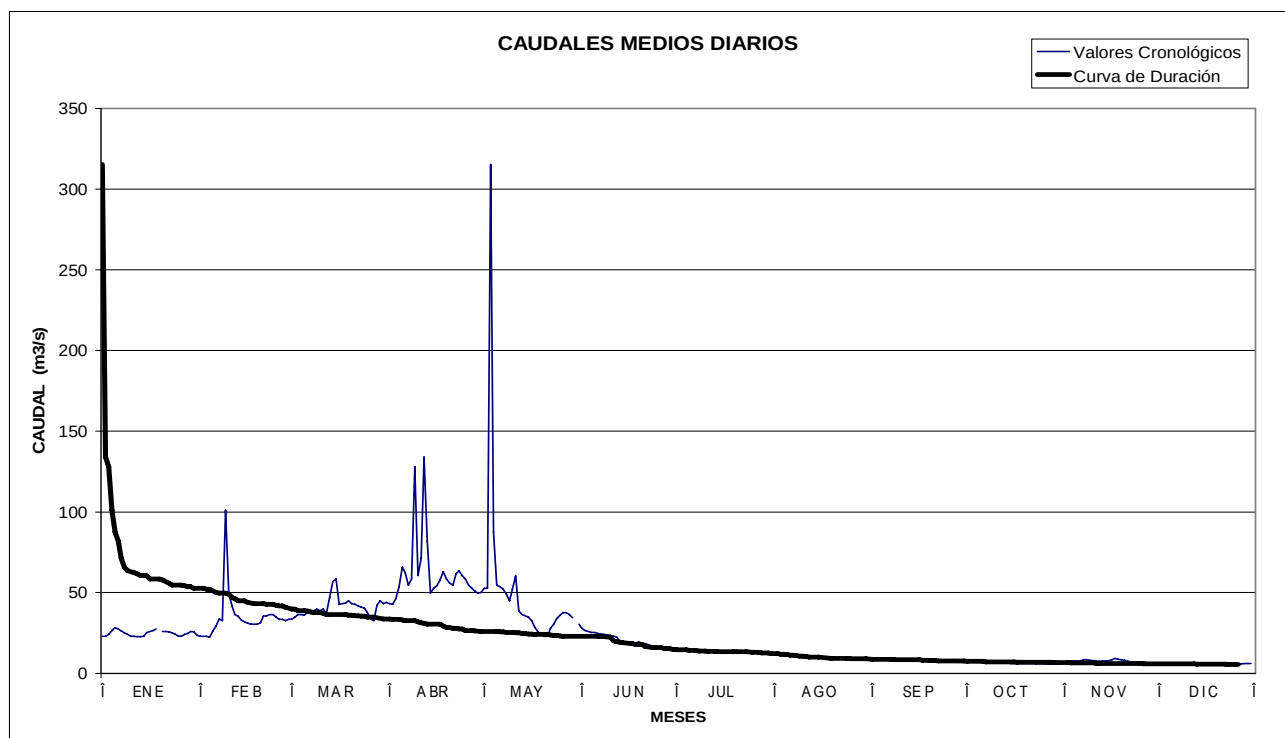
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H166	TOACHI EN LAS PAMPAS											Area Drenaje:1051 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	22,943 *	22,943 *	33,376 *	44,009 *	50,131 *	30,530 *	15,474 *	12,659 *	8,418 *	6,848 *	6,035 *	6,260 *
2	22,943 *	22,943 *	33,749 *	43,117 *	52,635 *	27,817 *	15,261 *	12,659 *	8,560 *	6,848 *	6,608 *	5,924 *
3	24,120 *	22,943 *	34,879 *	42,677 *	52,635 *	26,536 *	14,838 *		9,290 *	6,848 *	7,094 *	5,707 *
4	26,536 *	22,379 *	36,430 *	46,312 *	315,249 *	25,912 *	14,629 *	12,289 *	9,290 *	6,848 *	7,604 *	5,707 *
5	28,145 *	26,042 *	36,430 *	53,669 *	87,488 *	25,297 *	14,629 *	12,289 *	9,141 *	6,848 *	7,604 *	5,496 *
6	27,494 *	29,140 *	36,039 *	65,900 *	54,702 *	25,297 *	14,219 *	12,107 *	8,993 *	6,848 *	7,604 *	5,496 *
7	26,224 *	33,761 *	38,028 *	62,386 *	53,669 *	24,694 *	14,219 *	11,926 *	8,993 *	6,848 *	7,604 *	5,496 *
8	24,996 *	32,642 *	38,845 *	54,702 *	52,129 *	24,397 *	13,423 *	11,748 *	8,993 *	6,608 *	8,418 *	5,496 *
9	24,100 *	101,025 *	38,851 *	58,457 *	49,153 *	24,100 *	13,423 *	11,571 *	8,702 *	6,608 *	8,418 *	5,707 *
10	22,943 *	49,808 *	39,674 *	128,042 *	44,915 *	23,808 *	13,423 *	11,223 *	8,560 *	6,608 *	8,140 *	5,707 *
11	22,943 *	41,817 *	38,845 *	60,681 *	52,170 *	23,517 *	14,629 *	11,223 *	8,418 *	6,491 *	7,869 *	5,707 *
12	22,661 *	36,430 *	39,674 *	71,430 *	60,301 *	22,943 *	14,629 *	11,053 *	8,418 *	6,374 *	7,604 *	5,707 *
13	22,661 *	35,276 *	37,223 *	134,004 *	38,473 *	22,384 *	14,219 *	10,717 *	8,993 *	6,374 *	7,346 *	5,707 *
14	22,943 *	33,009 *	46,791 *	81,890 *	36,430 *	20,227 *	13,817 *	10,550 *	8,418 *	6,374 *	7,604 *	5,924 *
15	25,297 *	31,919 *	56,825 *	49,639 *	35,649 *	19,454 *	13,817 *	10,387 *	8,005 *	6,374 *	7,604 *	5,924 *
16	25,912 *	31,208 *	58,457 *	52,635 *	34,879 *	18,460 *	13,620 *	9,906 *	7,604 *	6,146 *	7,869 *	5,924 *
17	26,536 *	30,508 *	42,677 *	54,182 *	32,642 *	17,737 *	13,423 *	9,906 *	7,604 *	6,146 *	8,418 *	5,924 *
18	27,494 *	30,508 *	43,117 *	57,915 *	28,479 *	17,737 *	13,423 *	9,906 *	7,346 *	6,146 *	9,290 *	5,924 *
19		30,508 *	43,563 *	63,009 *	25,912 *	18,952 *	13,423 *	9,906 *	7,346 *	6,146 *	8,560 *	5,924 *
20	25,912 *	31,213 *	44,915 *	58,457 *	24,100 *	19,201 *	13,620 *	9,750 *	7,346 *	6,146 *	8,418 *	5,924 *
21	25,912 *	35,264 *	43,117 *	55,764 *	22,943 *	18,704 *	13,423 *	9,595 *	7,346 *	6,146 *	8,140 *	6,374 *
22	25,605 *	35,649 *	42,677 *	54,702 *	22,943 *	18,216 *	13,620 *	9,443 *	7,094 *	6,146 *	7,475 *	6,146 *
23	24,996 *	36,430 *	41,804 *	61,510 *	27,817 *	17,737 *	13,817 *	9,290 *	7,094 *	6,146 *	7,094 *	6,146 *
24	24,397 *	36,430 *	40,943 *	63,542 *	30,508 *	16,580 *	13,423 *	9,290 *	7,094 *	5,924 *	7,094 *	5,924 *
25	23,230 *	34,879 *	40,516 *	60,681 *	34,128 *	15,910 *	13,423 *	8,993 *	7,094 *	5,924 *	6,848 *	5,924 *
26	22,943 *	33,376 *	37,698 *	58,471 *	36,039 *	15,910 *	13,423 *	8,993 *	7,094 *	5,924 *	6,848 *	5,924 *
27	24,100 *	33,376 *	33,749 *	54,702 *	37,625 *	16,353 *	13,230 *	8,847 *	7,094 *	5,924 *	6,848 *	5,924 *
28	24,694 *	32,642 *	32,642 *	52,635 *	37,625 *	16,131 *	13,037 *	8,702 *	7,094 *	5,707 *	6,608 *	5,924 *
29	25,932 *		42,237 *	51,123 *	36,430 *	15,910 *	13,037 *	8,702 *	6,848 *	5,707 *	6,491 *	6,146 *
30	25,605 *		44,915 *	49,639 *	34,501 *	15,474 *	13,037 *	8,702 *	6,848 *	5,707 *	6,374 *	6,146 *
31	23,522 *		43,117 *				12,659 *	8,418 *				6,146 *
Caudal Max.		109,077 *	59,006 *	193,372 *		31,919 *	15,474 *		9,290 *		9,290 *	6,374 *
Día		9	16	13		1	1		vv		18	21
Hora		7	16	16		7	16				7	7
Caudal Mín.		22,379 *	32,642 *	42,237 *		15,474 *	12,659 *		6,848 *		5,924 *	5,496 *
Día		4	28	3		30	31		vv		1	vv
Hora		7	4	15		16	15				7	
Caudal Medio	24,791	34,788	40,703	61,529	50,077	20,864	13,816	10,358	7,971	6,324	7,518	5,881

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



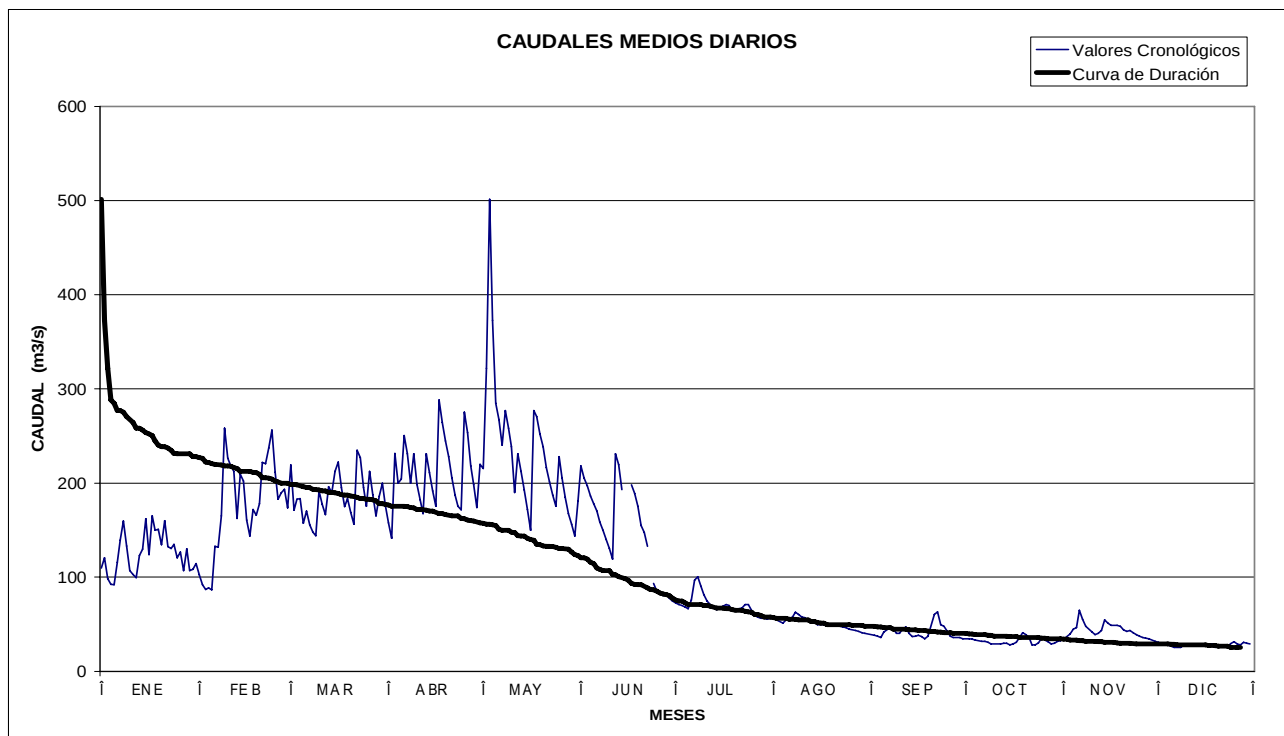
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H167	TOACHI EN S.D.DE LOS COLORADOS											Area Drenaje:217 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	109,772	102,482	173,665	176,742 *	219,646 *	181,152 *	74,662 *	56,041 *	39,615 *	34,649 *	32,606 *	31,932 *
2	120,755	91,994	219,211	157,376 *	215,177 *	218,039 *	72,798 *	56,041 *	38,887 *	34,649 *	33,964 *	30,608 *
3	98,360	86,753	171,310	141,322 *	321,762 *	205,262 *	70,953 *	54,380 *	38,170 *	34,649 *	36,746 *	29,305 *
4	92,324	88,617	182,885	231,354 *	501,499 *	196,934 *	70,035 *	52,739 *	37,452 *	33,964 *	39,636 *	28,025 *
5	91,991	86,693	183,217	199,720 *	372,789 *	186,034 *	68,218 *	51,117 *	36,040 *	33,280 *	44,836 *	28,025 *
6	115,827	132,643	157,255	204,093 *	284,737 *	178,015 *	66,421 *	54,380 *	41,819 *	32,606 *	46,375 *	26,780 *
7	139,280	131,724	170,090	250,533 *	267,415 *	170,152 *	75,636 *	55,210 *	44,077 *	31,932 *	64,652 *	25,535 *
8	159,549	164,967	155,593	231,094 *	239,993 *	158,624 *	96,645 *	57,722 *	46,386 *	31,932 *	55,230 *	25,535 *
9	133,061	258,345	147,758	199,720 *	276,795 *	149,863 *	100,579 *	62,893 *	44,836 *	30,608 *	47,946 *	25,535 *
10	106,823	226,353	144,084	231,094 *	258,143 *	140,107 *	90,257 *	60,283 *	40,353 *	29,305 *	44,846 *	27,397 *
11	102,753	217,714	191,567	198,354 *	238,491 *	130,613 *	81,339 *	57,722 *	40,353 *	29,305 *	41,830 *	28,025 *
12	99,438	212,304	177,239	182,021 *	190,102 *	119,122 *	74,662 *	56,882 *	44,836 *	29,305 *	38,887 *	29,305 *
13	123,062	162,297	166,598	167,560 *	231,094 *	231,094 *	70,953 *	54,380 *	47,156 *	29,305 *	40,353 *	28,665 *
14	129,705	209,375	196,199	231,094 *	212,360 *	219,466 *	67,320 *	52,739 *	40,353 *	29,956 *	43,328 *	27,397 *
15	161,801	202,299	189,748	210,925 *	192,827 *	193,043 *	65,532 *	51,928 *	36,746 *	29,956 *	54,390 *	26,768 *
16	124,063	160,764	212,289	191,453 *	171,685 *		67,320 *	49,516 *	37,452 *	28,025 *	51,127 *	26,768 *
17	165,326	143,689	222,246	175,384 *	149,863 *		69,127 *	49,516 *	38,170 *	29,305 *	48,726 *	27,397 *
18	149,620	171,950	195,010	287,963 *	276,852 *	198,308 *	71,010 *	49,516 *	36,746 *	30,608 *	48,726 *	28,665 *
19	150,662	165,712	174,924	264,310 *	270,534 *	188,736 *	70,045 *	49,516 *	34,649 *	36,051 *	48,726 *	29,305 *
20	134,633	178,145	183,372 *	244,468 *	252,012 *	175,384 *	63,763 *	49,516 *	37,452 *	41,081 *	47,936 *	25,535 *
21	159,991	222,076	168,864 *	228,187 *	238,491 *	154,839 *	64,652 *	49,516 *	48,746 *	38,897 *	44,077 *	28,025 *
22	132,448	220,532	156,103 *	205,292 *	216,619 *	147,424 *	66,421 *	49,516 *	60,303 *	36,051 *	42,568 *	28,025 *
23	130,323	237,073	234,771 *	187,393 *	201,094 *	132,953 *	67,320 *	47,936 *	62,970 *	28,025 *	43,328 *	28,025 *
24	134,677	256,259	227,117 *	175,384 *	187,393 *		70,953 *	47,156 *	49,516 *	28,025 *	41,081 *	26,768 *
25	120,563	211,480	195,567 *	171,496 *	175,384 *	93,295 *	71,010 *	46,375 *	47,936 *	29,979 *	38,897 *	29,350 *
26	126,708	182,716	175,384 *	275,228 *	228,187 *	85,243 *	64,652 *	44,836 *	42,589 *	35,344 *	37,452 *	31,270 *
27	106,831	189,462	212,360 *	253,543 *	205,292 *	82,304 *	59,433 *	44,077 *	37,452 *	33,291 *	36,040 *	29,316 *
28	130,121	193,342	187,424 *	218,114 *	184,730 *	80,365 *	57,722 *	43,317 *	36,040 *	31,270 *	35,344 *	28,025 *
29	106,896		165,008 *	198,354 *	167,560 *	83,286 *	56,041 *	42,568 *	36,040 *	29,305 *	34,649 *	30,608 *
30	108,228		185,897 *	174,080 *	156,103 *	77,500 *	56,041 *	41,081 *	36,040 *	29,956 *	33,280 *	29,956 *
31	114,674		199,720 *		143,745 *		55,210 *	40,342 *		31,932 *		29,305 *
Caudal Max.	292,743	403,077	384,920	295,976 *	519,903 *		108,048 *	64,642 *	68,218 *	41,819 *	66,421 *	31,932 *
Día	15	9	17	18	4		8	9	23	20	7	1
Hora	1	7	15	7	7		18	7	7	7	7	7
Caudal Mín.	87,227	81,330	132,953	137,700 *	140,098 *		54,380 *	40,342 *	34,649 *	28,025 *	31,932 *	25,534 *
Día	5	5	10	3	31		31	30	19	vv	1	7
Hora	20	22	6	18	18		18	18	18		7	18
Caudal Medio	125,170	175,277	184,596	208,788	233,818	154,709	70,217	50,928	41,973	32,018	43,253	28,232

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

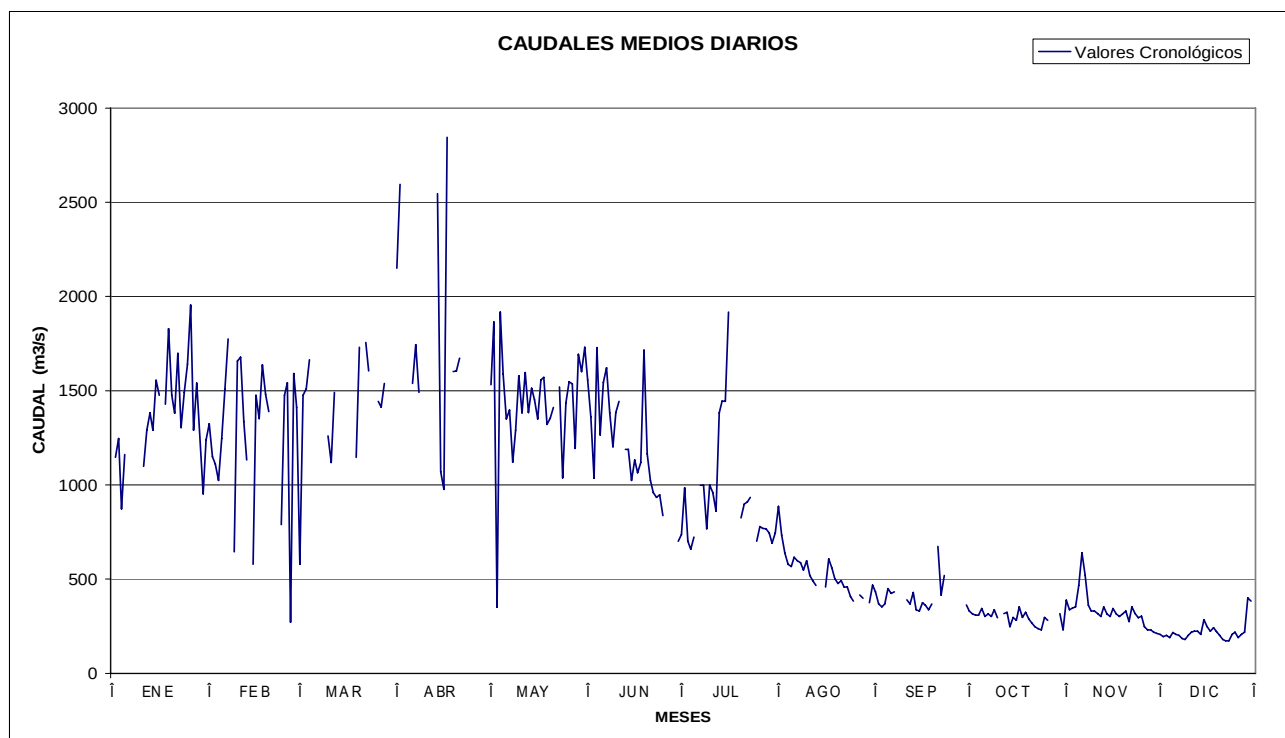


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H168	ESMERALDAS DJ SADE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		1324,366 *	1411,629 *			1730,830 *	700,836 *	745,262 *	468,944 *	362,343 *	229,794 *	212,060 *
2	1146,276 *	1148,927 *	577,251 *	2150,387 *	1531,782 *	1557,399 *	736,976 *	886,207 *	431,938 *	329,939 *	387,423 *	206,259 *
3	1245,989 *	1109,973 *	1474,728 *	2595,616 *	1864,536 *	1360,306 *	985,703 *	733,504 *	367,623 *	315,505 *	337,240 *	194,987 *
4	872,524 *	1024,130 *	1509,403 *		350,864 *	1035,453 *	700,662 *	637,576 *	352,347 *	308,540 *	345,719 *	200,623 *
5	1161,202 *	1247,053 *	1665,040 *		1918,450 *	1728,674 *	658,144 *	577,251 *	367,623 *	308,372 *	352,852 *	189,515 *
6		1507,259 *			1588,500 *	1266,183 *	722,441 *	567,569 *	449,588 *	344,709 *	466,898 *	217,861 *
7		1775,398 *	1146,099 *	1538,897 *	1350,314 *	1543,368 *		617,008 *	423,623 *	301,407 *	640,165 *	206,259 *
8				1743,411 *	1398,305 *	1621,748 *	998,336 *	597,646 *	432,617 *	315,505 *	520,193 *	200,623 *
9	1064,669 *	644,823 *	1601,035 *	1490,904 *	1119,957 *	1382,307 *	997,985 *	587,104 *		301,407 *	359,816 *	184,044 *
10		1656,032 *			1290,243 *	1202,800 *	767,215 *	548,722 *		337,240 *	330,275 *	178,736 *
11	1097,339 *	1678,348 *	1260,563 *		1578,869 *	1383,554 *	1000,094 *	597,129 *		294,441 *	329,939 *	200,623 *
12	1290,065 *	1336,096 *	1118,368 *	1846,204 *	1381,439 *	1442,911 *	959,382 *	520,193 *	391,043 *		315,841 *	218,027 *
13	1382,307 *	1132,233 *	1491,618 *		1595,663 *		860,591 *	492,863 *	367,623 *	316,512 *	301,742 *	223,828 *
14	1290,243 *				1383,554 *	1188,757 *	1381,417 *	466,387 *	429,260 *	323,310 *	352,178 *	224,159 *
15	1555,252 *	577,251 *		2546,087 *	1512,977 *	1189,465 *	1444,516 *		337,408 *	248,356 *	315,505 *	206,424 *
16	1476,156 *	1476,156 *		1069,777 *	1451,652 *	1024,130 *	1443,089 *		329,939 *	297,118 *	301,407 *	285,020 *
17		1351,737 *		977,084 *	1350,136 *	1132,233 *	1918,450 *	457,562 *	375,260 *	280,845 *	345,046 *	248,356 *
18	1427,627 *	1638,102 *		2845,351 *	1556,781 *	1064,140 *		608,016 *	359,816 *	352,178 *	315,505 *	224,159 *
19	1828,412 *	1479,787 *			1571,607 *	1118,368 *		558,060 *	337,240 *	297,118 *	301,407 *	242,222 *
20	1475,263 *	1388,913 *	1146,276 *	1601,035 *	1320,634 *	1714,832 *		502,543 *	367,623 *	323,310 *	315,505 *	221,876 *
21	1380,705 *		1730,830 *	1605,497 *	1352,982 *	1163,678 *	825,139 *	476,065 *		288,646 *	330,275 *	200,623 *
22	1699,013 *			1673,503 *	1411,629 *	1024,130 *	897,966 *	492,863 *	673,875 *	268,250 *	274,548 *	178,736 *
23	1304,994 *		1756,032 *			959,558 *	909,899 *	457,562 *	415,308 *	248,356 *	352,178 *	173,593 *
24	1490,904 *	789,862 *	1604,676 *		1518,409 *	934,291 *	934,291 *	457,902 *	520,364 *	235,926 *	316,512 *	173,429 *
25	1639,716 *	1474,728 *			1037,467 *	946,749 *		407,163 *		229,960 *	294,609 *	206,259 *
26	1955,115 *	1541,759 *			1434,759 *	836,549 *	700,662 *	383,067 *		297,118 *	303,416 *	218,027 *
27	1290,243 *	271,283 *	1442,911 *	1396,523 *	1546,317 *		779,495 *			280,845 *	248,356 *	189,515 *
28	1540,507 *	1591,723 *	1413,234 *		1536,741 *		768,606 *	415,308 *			229,794 *	206,259 *
29	1245,989 *		1538,897 *	1588,500 *	1193,936 *		767,736 *	399,018 *		308,540 *	229,960 *	218,523 *
30	952,781 *				1692,550 *		744,741 *				218,027 *	400,519 *
31	1237,797 *				1601,035 *		689,946 *	375,260 *		316,512 *		383,067 *
Caudal Max.											722,441 *	520,193 *
Día											7	30
Hora											7	17
Caudal Mín.											206,259 *	163,142 *
Día											30	23
Hora											7	17
Caudal Medio	1362,044	1268,084			1429,037	1262,096	934,397	539,437	409,953	301,154	332,071	220,458

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

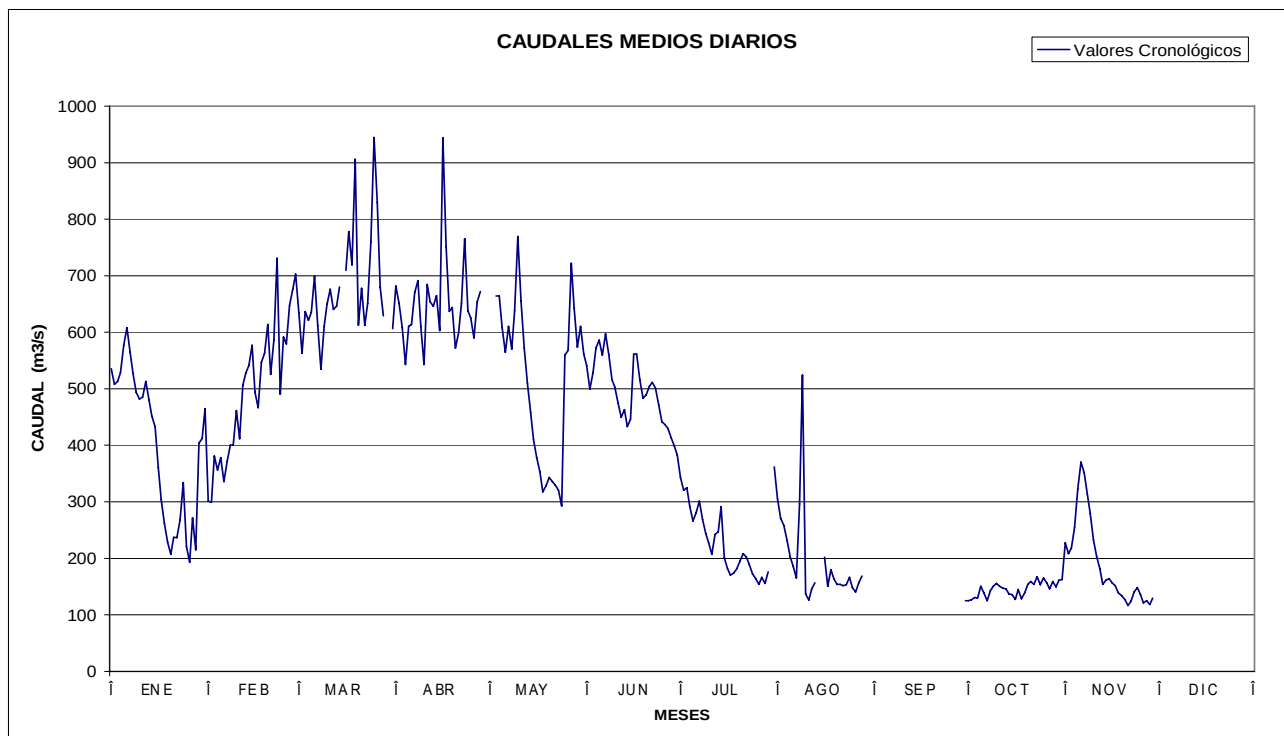


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H170	GUAYLLABAMBA AJ BLANCO											Area Drenaje:8506 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	535,876 *	301,014 *	702,662 *	606,540 *		560,851 *	382,413 *	361,843 *		125,091 *	162,631 *	
2	507,868 *	299,382 *	634,354 *	681,550 *		541,255 *	343,182 *	305,392 *		125,110 *	227,106 *	
3	513,036 *	380,860 *	562,821 *	651,146 *		498,992 *	320,289 *	270,378 *		126,338 *	208,386 *	
4	528,872 *	355,588 *	636,200 *	608,190 *	664,311 *	528,773 *	324,834 *	257,543 *		130,746 *	217,952 *	
5	577,151 *	377,627 *	621,213 *	542,982 *	664,311 *	571,675 *	292,031 *	231,193 *		129,663 *	254,705 *	
6	608,218 *	335,535 *	635,068 *	610,138 *	608,200 *	586,189 *	266,019 *	201,804 *		150,589 *	322,328 *	
7	564,434 *	371,288 *	699,125 *	613,925 *	564,434 *	559,094 *	280,376 *	186,337 *		138,824 *	369,929 *	
8	526,998 *	400,077 *	611,911 *	670,050 *	610,180 *	597,237 *	300,891 *	165,095 *		125,091 *	351,033 *	
9	493,813 *	400,208 *	534,200 *	691,242 *	570,036 *	560,851 *	268,872 *	295,751 *		142,336 *	312,779 *	
10	481,824 *	461,423 *	610,040 *	610,075 *	638,050 *	516,470 *	243,547 *	524,163 *		150,618 *	279,006 *	
11	485,189 *	411,486 *	649,224 *	542,938 *	769,180 *	502,471 *	227,090 *	136,489 *		155,407 *	232,606 *	
12	512,932 *	506,018 *	675,842 *	684,449 *	654,994 *	474,926 *	207,080 *	126,224 *		150,571 *	203,131 *	
13	480,067 *	527,131 *	640,337 *	654,069 *	571,700 *	449,526 *	242,154 *	145,847 *		147,041 *	181,286 *	
14	451,198 *	541,299 *	645,599 *	645,554 *	509,542 *	463,013 *	246,380 *	156,572 *		145,829 *	154,189 *	
15	432,843 *	577,187 *	679,753 *	664,396 *	457,950 *	432,831 *	291,537 *			136,489 *	161,419 *	
16	360,285 *	493,832 *		602,766 *	409,842 *	446,173 *	200,519 *			135,368 *	163,849 *	
17	303,887 *	466,486 *	708,894 *	944,042 *	377,627 *	560,851 *	181,264 *	202,101 *		127,339 *	156,572 *	
18	261,798 *	546,930 *	777,493 *	751,091 *	352,474 *	561,180 *	170,023 *	150,589 *		144,658 *	151,771 *	
19	228,473 *	562,728 *	718,806 *	636,593 *	317,293 *	516,433 *	173,761 *	180,040 *		128,485 *	138,824 *	
20	207,059 *	613,925 *	905,934 *	643,622 *	328,069 *	483,497 *	181,264 *	163,860 *		138,824 *	134,203 *	
21	236,993 *	525,245 *	612,763 *	571,772 *	343,234 *	488,645 *	195,328 *	154,154 *		154,166 *	127,364 *	
22	236,694 *	586,232 *	677,696 *	599,055 *	335,509 *	504,262 *	208,386 *	154,189 *		158,990 *	116,199 *	
23	267,569 *	730,876 *	611,935 *	651,324 *	329,402 *	511,209 *	201,836 *	151,759 *		154,189 *	123,976 *	
24	333,991 *	490,360 *	651,221 *	765,235 *	320,289 *	500,741 *	188,890 *	152,977 *		167,536 *	139,977 *	
25	220,497 *	591,761 *	759,425 *	638,050 *	292,570 *	471,515 *	172,486 *	166,336 *		152,977 *	148,194 *	
26	192,732 *	578,952 *	944,484 *	625,174 *	559,283 *	441,168 *	163,849 *	148,194 *		165,078 *	135,343 *	
27	271,790 *	647,353 *	829,513 *	590,000 *	568,060 *	436,183 *	154,166 *	139,977 *		156,572 *	120,639 *	
28	215,149 *	675,734 *	679,944 *	653,239 *	722,081 *	429,530 *	166,313 *	156,560 *		145,829 *	125,091 *	
29	403,366 *		628,780 *	671,941 *	641,799 *	413,074 *	155,407 *	168,777 *		158,868 *	118,403 *	
30	411,973 *				573,497 *	398,445 *	176,236 *			149,388 *	129,613 *	
31	464,701 *				610,103 *					161,419 *		
Caudal Max.	619,287 *	933,012 *				615,579 *				170,000 *	393,605 *	
Día	6	23				8				24	7	
Hora	7	7				7				18	7	
Caudal Mín.	190,158 *	283,257 *				396,829 *				116,193 *	114,002 *	
Día	26	1				30				3	22	
Hora	17	17				18				7	18	
Caudal Medio	397,331	491,305	680,187	649,005	513,001	500,235	230,881	202,005		144,498	188,950	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



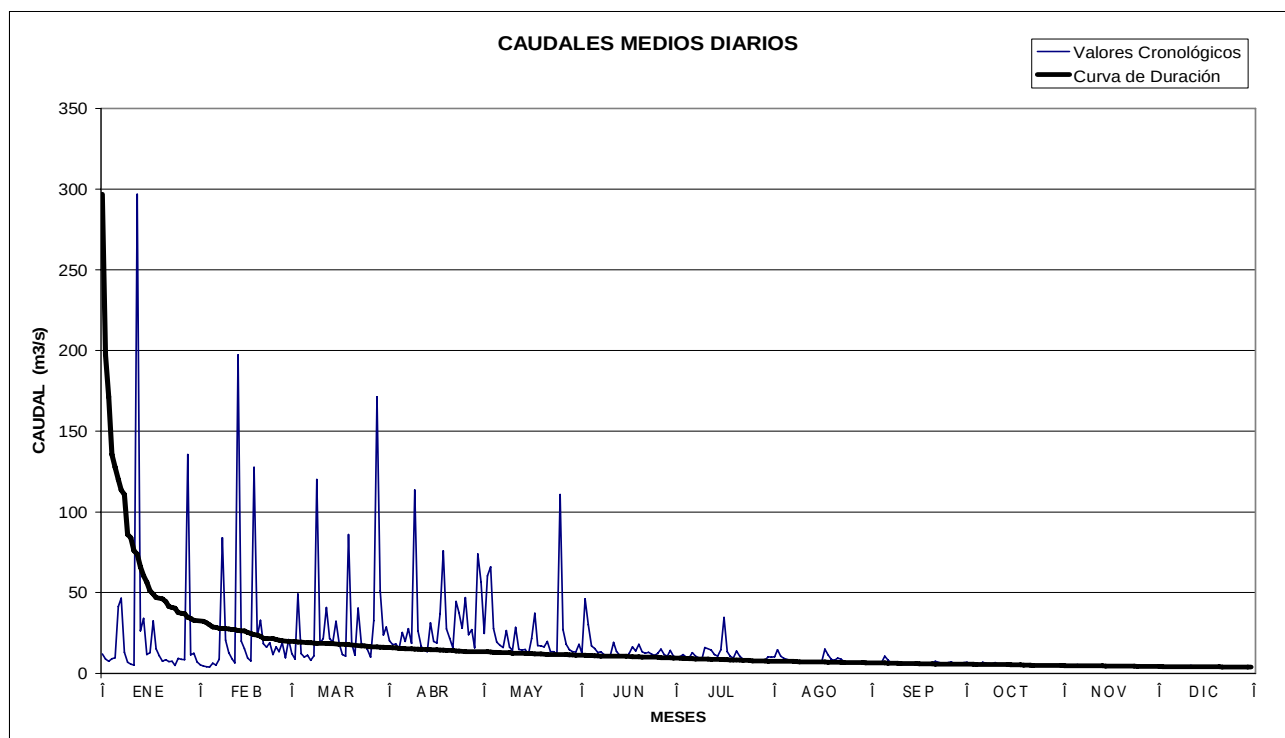
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H172	TEAONE DJ TABIAZO											Area Drenaje:440 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	12,018 *	5,318 *	20,909 *	28,696 *	56,552 *	18,082 *	10,610 *	9,915 *	6,260 *	6,628 *	4,606 *	4,166 *
2	8,860 *	4,458 *	12,097 *	20,228 *	24,626 *	12,524 *	9,883 *	10,239 *	6,082 *	6,821 *	4,606 *	4,166 *
3	7,402 *	4,167 *	8,862 *	17,753 *	60,278 *	46,063 *	10,361 *	14,568 *	5,906 *	5,820 *	4,606 *	4,025 *
4	9,113 *	3,819 *	49,020 *	18,199 *	65,919 *	30,046 *	11,613 *	10,610 *	5,906 *	5,733 *	4,758 *	4,025 *
5	9,595 *	6,264 *	12,243 *	15,278 *	27,662 *	17,096 *	10,000 *	9,306 *	7,005 *	5,906 *	4,758 *	4,025 *
6	41,430 *	5,161 *	10,000 *	25,290 *	19,263 *	15,384 *	9,650 *	8,534 *	10,600 *	5,648 *	5,402 *	4,095 *
7	46,606 *	8,698 *	11,261 *	19,746 *	17,260 *	12,933 *	12,808 *	8,109 *	8,351 *	6,816 *	4,682 *	4,238 *
8	12,960 *	83,997 *	8,019 *	27,580 *	15,995 *	13,359 *	10,610 *	7,697 *	6,534 *	6,260 *	4,606 *	3,955 *
9	6,919 *	20,606 *	10,802 *	18,480 *	26,454 *	11,606 *	9,536 *	7,396 *	5,994 *	6,083 *	4,531 *	3,955 *
10	5,735 *	12,874 *	120,187 *	113,607 *	16,154 *	11,095 *	8,860 *	7,697 *	5,820 *	5,906 *	4,606 *	3,886 *
11	4,993 *	8,899 *	18,618 *	26,222 *	14,201 *	11,222 *	16,073 *	7,297 *	5,648 *	6,628 *	4,682 *	4,095 *
12	296,738 *	6,537 *	21,635 *	16,808 *	28,454 *	19,159 *	15,230 *	7,102 *	5,563 *	5,820 *	4,456 *	4,771 *
13	26,222 *	197,234 *	40,784 *	14,196 *	14,786 *	13,651 *	14,340 *	7,005 *	5,398 *	5,648 *	4,456 *	4,458 *
14	33,929 *	19,937 *	21,605 *	13,359 *	14,350 *	11,222 *	11,481 *	7,005 *	5,397 *	5,480 *	4,310 *	4,310 *
15	11,613 *	15,215 *	19,279 *	31,239 *	14,666 *	10,478 *	10,724 *	7,005 *	5,563 *	5,315 *	4,310 *	4,166 *
16	12,794 *	9,430 *	32,202 *	19,776 *	11,865 *	10,000 *	14,568 *	6,814 *	5,735 *	5,397 *	4,456 *	4,166 *
17	32,369 *	7,597 *	18,305 *	18,797 *	21,554 *	12,392 *	34,622 *	7,102 *	6,174 *	5,735 *	4,682 *	4,238 *
18	15,261 *	127,700 *	11,606 *	36,951 *	37,107 *	16,440 *	13,343 *	14,976 *	6,534 *	5,563 *	5,318 *	4,166 *
19	10,737 *	22,884 *	10,610 *	75,756 *	17,114 *	13,909 *	10,610 *	11,396 *	6,444 *	5,563 *	4,606 *	4,166 *
20	7,499 *	32,766 *	86,078 *	27,508 *	16,870 *	17,935 *	9,430 *	8,667 *	6,082 *	5,648 *	4,606 *	4,095 *
21	8,407 *	18,240 *	18,459 *	21,699 *	16,301 *	13,345 *	13,776 *	7,911 *	6,721 *	5,480 *	4,456 *	4,025 *
22	7,213 *	16,154 *	11,261 *	15,697 *	19,689 *	12,399 *	10,610 *	9,420 *	7,328 *	5,480 *	4,456 *	4,025 *
23	7,402 *	18,872 *	40,382 *	44,555 *	13,487 *	12,950 *	8,860 *	8,866 *	6,913 *	5,315 *	4,456 *	4,025 *
24	4,914 *	11,672 *	18,638 *	37,491 *	13,359 *	12,007 *	8,320 *	7,397 *	6,262 *	5,072 *	4,310 *	4,025 *
25	9,307 *	16,478 *	17,700 *	27,918 *	11,993 *	11,095 *	7,697 *	6,721 *	5,906 *	4,914 *	4,682 *	4,025 *
26	8,643 *	13,466 *	14,888 *	46,809 *	110,907 *	12,399 *	7,496 *	6,534 *	6,721 *	4,836 *	4,606 *	3,886 *
27	8,503 *	19,065 *	10,000 *	23,949 *	27,049 *	15,078 *	7,499 *	6,442 *	7,007 *	4,758 *	4,383 *	3,886 *
28	135,531 *	9,541 *	32,622 *	27,128 *	18,076 *	11,606 *	7,697 *	6,628 *	6,174 *	4,914 *	4,310 *	3,886 *
29	11,396 *		171,159 *	15,855 *	14,635 *	10,724 *	8,329 *	7,007 *	5,820 *	4,836 *	4,238 *	3,886 *
30	12,389 *		51,040 *	73,846 *	13,517 *	14,256 *	8,320 *	6,442 *	5,648 *	4,758 *	4,166 *	3,886 *
31	7,011 *		23,616 *		13,215 *		10,160 *	6,628 *		4,606 *		3,751 *
Caudal Max.	500,698 *	309,177 *	324,740 *	175,876 *	201,510 *	72,870 *	51,337 *	19,951 *	14,195 *	7,199 *	5,733 *	5,233 *
Día	12	13	29	10	26	3	17	18	6	2	6	12
Hora	7	7	18	7	18	7	7	18	18	7	7	18
Caudal Mín.	3,236 *	3,751 *	7,396 *	12,522 *	10,970 *	10,000 *	7,199 *	6,442 *	5,233 *	4,606 *	4,166 *	3,751 *
Día	25	4	8	14	17	16	27	vv	13	31	29	31
Hora	7	7	18	18	7	18	7		7	7	18	7
Caudal Medio	26,887	25,966	30,770	30,680	25,592	15,015	11,391	8,337	6,383	5,593	4,570	4,080

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



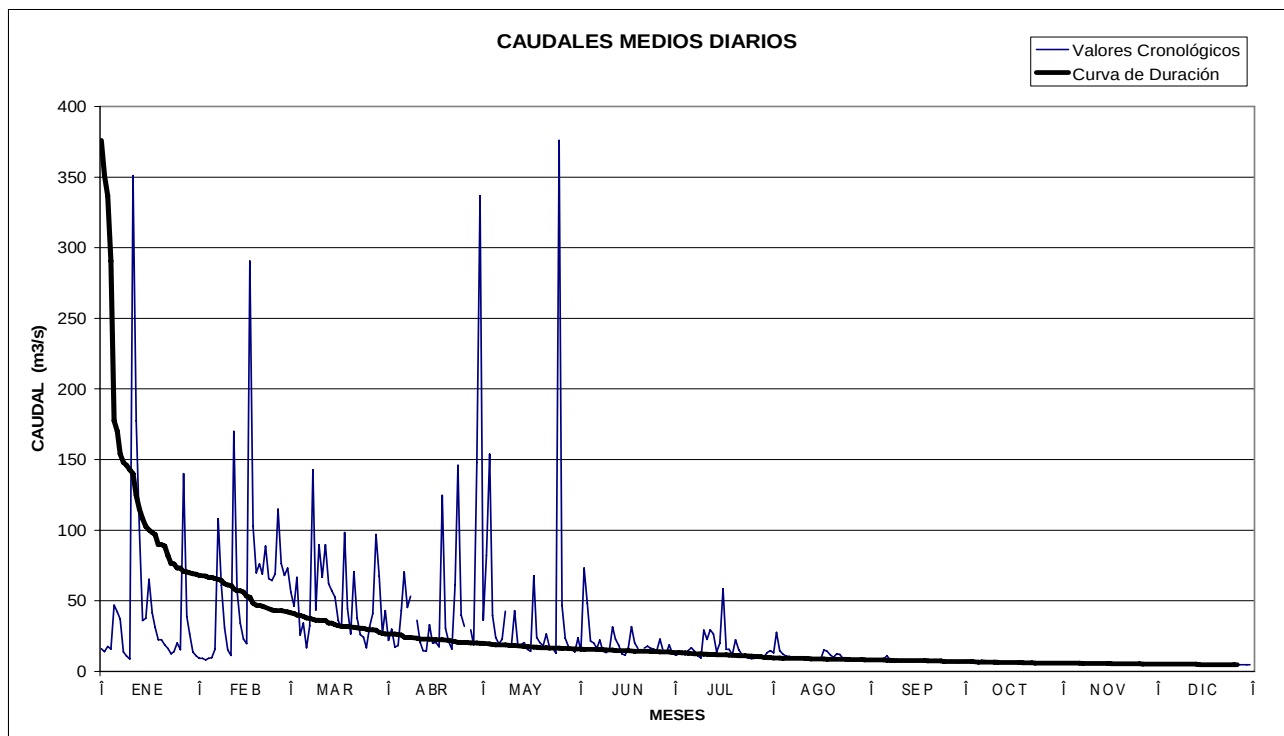
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H173	TEAONE AJ ESMERALDAS											Area Drenaje:520 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	16,043	9,052	73,215	42,915	336,741 *	23,750 *	12,652 *	14,668 *	7,850 *	7,277	5,682	4,979
2	13,922	9,084	56,239	21,851	36,202 *	14,316 *	11,404 *	12,989 *	7,510 *	7,735	5,603	4,813
3	17,551	8,083	46,230	29,769	81,956 *	73,114 *	12,173 *	27,585 *	7,289 *	7,510	5,500	4,813
4	15,818	9,192	66,423	17,249	153,867 *	48,078 *	12,975 *	14,549 *	7,289 *	7,073	5,682	4,979
5	46,768	9,663	25,759	18,181	39,526 *	21,385 *	11,708 *	12,167 *	8,684 *	6,654	5,682	4,979
6	41,997	15,580	34,216	43,048	23,793 *	20,246 *	14,553 *	10,819 *	8,684 *	6,849	6,253	4,979
7	36,809	107,976	16,655	70,308	19,385 *	16,325 *	16,729 *	10,676 *	11,017 *	7,845	6,058	4,979
8	13,742	60,839	32,440	45,249	22,640 *	22,133 *	14,176 *	9,711 *	8,083 *	7,510	5,868	4,979
9	10,728	30,819	142,618	53,299	42,535 *	14,146 *	10,964 *	9,187 *	7,510 *	7,289	5,682	4,979
10	8,742	15,182	43,416			13,128 *	9,579 *	9,317 *	8,500 *	7,048	5,868	4,813
11	351,005	11,232	89,561	36,108 *	18,316 *	15,051 *	29,140 *	9,187 *	7,073 *	7,660	5,868	4,813
12	177,430	169,979	66,422	20,571 *	43,090 *	31,347 *	22,552 *	8,684 *	7,073 *	7,735	5,500	5,121
13	100,012	57,069	89,620	14,665 *	18,799 *	22,837 *	29,474 *	8,562 *	6,861 *	6,654	5,322	5,682
14	35,997	34,117	61,984	14,340 *	18,957 *	18,523 *	26,352 *	8,440 *	6,861 *	6,451	5,322	5,322
15	37,499	22,734	57,101	32,902 *	20,330 *	12,323 *	13,797 *	8,440 *	6,861 *	6,252	5,322	5,322
16	65,109	19,640	52,462	19,819 *	15,579 *	11,404 *	19,835 *	8,440 *	7,073 *	6,252	5,500	4,979
17	41,463	290,460	35,865	20,537 *	14,316 *	16,594 *	58,421 *	8,440 *	7,510 *	6,654	5,500	4,979
18	31,166	102,642	30,404	17,313 *	67,670 *	31,677 *	15,579 *	15,051 *	7,735 *	6,654	6,058	4,979
19	22,223	69,782	98,420	124,649 *	23,922 *	20,026 *	15,536 *	14,260 *	7,965 *	6,653	5,868	4,979
20	22,364	75,954	44,450	30,428 *	20,268 *	16,134 *	11,708 *	11,571 *	7,965 *	6,369	5,500	4,979
21	18,830	68,798	26,410	20,941 *	18,112 *		22,420 *	9,990 *	7,965 *	6,252	5,322	4,979
22	16,195	88,844	70,632	15,761 *	26,316 *	16,529 *	15,415 *	12,482 *	8,334 *	6,252	5,322	4,979
23	12,435	65,777	37,856	61,117 *	17,300 *	17,753 *	11,864 *	11,875 *	8,325 *	6,058	5,322	4,813
24	13,983	64,309	26,129	145,961 *	16,362 *	16,519 *	10,394 *	9,317 *	7,510	6,058	5,322	4,651
25	20,225	68,944	24,075	39,742 *	12,802 *	15,785 *	9,447 *	8,684 *	7,282	5,868	5,322	4,651
26	15,295	114,832	16,735	31,826 *	375,963 *	14,740 *	8,933 *	8,320 *	6,680	5,868	5,500	4,651
27	139,856	76,297	31,594	46,586 *	46,586 *	22,793 *	9,190 *	8,200 *	7,510	5,868	5,500	4,651
28	38,990	67,819	40,890	29,464 *	23,555 *	14,489 *	9,449 *	8,200 *	7,054	5,682	5,149	4,813
29	26,329		96,877	18,773 *	17,520 *	13,134 *	11,708 *	8,562 *	6,252	5,682	5,149	4,813
30	13,716		67,608	148,007 *	15,591 *	18,799 *	10,394 *	7,965 *	6,309	5,682	4,979	4,813
31	11,031		26,914		13,797 *		13,113 *	7,965 *		5,500		4,813
Caudal Max.	945,153	671,345	392,107				81,301 *	31,151 *	12,323 *	7,965	6,654	5,868
Día	11	17	28				17	3	7	7	6	12
Hora	12	14	23				7	17	7	6	9	17
Caudal Mín.	8,440	7,510	13,627				8,933 *	7,965 *	6,252	5,500	4,979	4,651
Día	10	5	7				26	vv	30	31	30	vv
Hora	11	18	23				7		9	12	12	
Caudal Medio	46,234	62,311	52,555	42,314	53,393	21,141	16,182	10,784	7,621	6,609	5,551	4,938

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



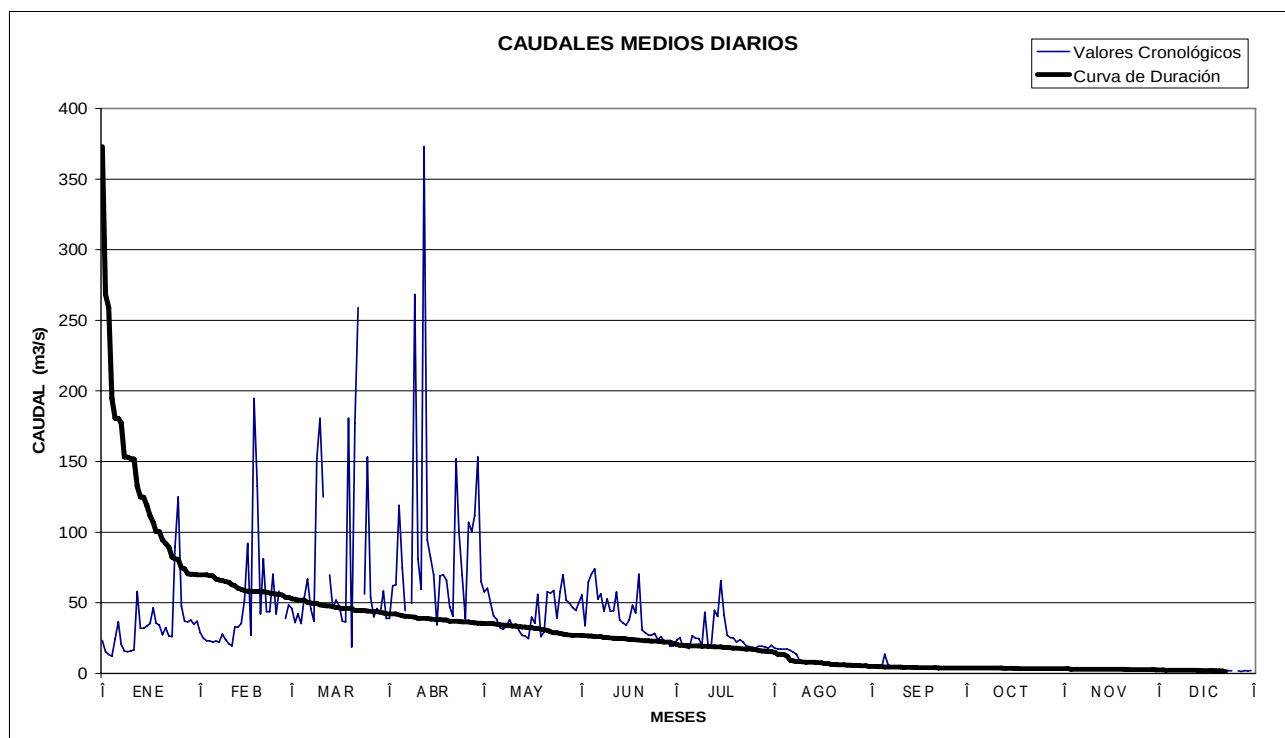
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H216	BUA AJ QUININDE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	23,226	28,690 *	48,329 *	38,891 *	64,827 *	50,143	19,403	19,858	5,312 *	3,768 *	3,613 *	2,624 *
2	15,234	24,808 *	46,013 *	38,891 *	57,541 *	55,553	23,498	17,778	5,312 *	3,613 *	3,613 *	2,624 *
3	13,289	23,176 *	35,813 *	62,126 *	60,139 *	33,677	25,313	17,355	5,312 *	3,314 *	3,613 *	2,624 *
4	12,124	23,176 *	42,101 *	62,796 *	49,489	64,484	18,625	17,222	4,945 *	3,462 *	3,613 *	2,496 *
5	24,443	21,990 *	35,312 *	119,006 *	40,848	70,417	18,269	17,222	4,945 *	3,462 *	3,613 *	2,496 *
6	36,340	22,777 *	53,757 *	74,753 *	38,088	74,016	17,484	17,222	13,657 *	3,314 *	3,462 *	2,250 *
7	20,628	21,990 *	66,893 *	44,314 *	32,395	52,423	26,656	16,207	6,289 *	3,314 *	3,462 *	2,132 *
8	15,874	27,802 *	46,013 *		31,161	56,329	24,927	14,904	4,945 *	3,314 *	3,169 *	2,250 *
9	15,444	23,985 *	36,824 *	49,509 *	33,211	44,040	24,540	13,657	4,767 *	3,314 *	3,169 *	2,250 *
10	15,810	20,836 *	152,000 *	268,208 *	38,007	52,727	19,703	9,230 *	4,767 *		3,169 *	2,017 *
11	16,697	19,348 *	180,480 *	80,754 *	33,388	43,849	43,214	8,740 *	4,420 *	3,169 *	3,169 *	2,132 *
12	57,913	32,865 *	124,687 *	59,484 *	35,015	44,406	19,957	8,263 *	4,420 *	2,890 *	3,169 *	2,132 *
13	31,901	32,865 *		372,993 *	30,377	57,520	19,485	8,263 *	4,420 *	2,890 *	3,169 *	
14	31,994	35,312 *	69,699 *	94,305 *	26,846	37,882	44,533	8,030 *	4,420 *	2,755 *	2,890 *	2,132 *
15	33,424	51,914 *	46,013 *	82,292 *	26,447	35,723	40,261	7,800 *	4,252 *	2,755 *	2,890 *	2,132 *
16	35,312	91,923 *	51,914 *	69,790 *	24,599	34,244	65,780	7,800 *	4,420 *	2,755 *	3,169 *	2,132 *
17	46,397	26,929 *	47,744 *	34,323 *	39,746	38,006	41,372	7,574 *	4,420 *	2,755 *	3,169 *	2,132 *
18	35,638	194,627 *	36,824 *	68,992 *	35,629	48,282	26,792	7,800 *	4,252 *	2,755 *	3,169 *	3,169 *
19	34,088	132,499 *	36,316 *	69,699 *	55,935	42,802	25,329	7,800 *	4,087 *	2,624 *	2,890 *	2,372 *
20	27,364 *	42,101 *	180,593 *	66,201 *	25,930	70,116	25,101	7,351 *	4,252 *	4,087 *	2,890 *	2,372 *
21	32,387 *	81,190 *	18,625 *	47,164 *	29,456	30,793	22,183	6,916 *	4,087 *	2,624 *	2,890 *	2,372 *
22	26,497 *	43,755 *	177,389 *	40,479 *	57,731	28,690	23,692	6,916 *	4,087 *	3,768 *	3,169 *	2,132 *
23	26,070 *	43,755 *	258,980 *	151,773 *	56,696	27,235	22,227	6,289 *	4,087 *	3,768 *	2,890 *	2,017 *
24	89,108 *	70,142 *		100,202 *	58,548	26,777	19,348		3,926 *	3,768 *	2,890 *	2,017 *
25	124,780 *	42,101 *	56,265 *	69,423 *	38,806	28,267	18,985	6,087 *	3,768 *	3,613 *	2,755 *	1,693 *
26	47,744 *	58,185 *	153,060 *	38,369 *	57,941	24,011	18,269	6,087 *	4,252 *	3,768 *	2,755 *	
27	36,824 *		53,757 *	106,805 *	69,754	26,124	18,090	6,087 *	3,926 *	3,613 *	2,755 *	1,693 *
28	36,316 *	38,891 *	39,946 *	100,202 *	51,909	22,828	19,222	5,693 *	3,613 *	3,768 *	2,755 *	1,306 *
29	37,850 *		46,013 *	111,645 *	49,773	22,660	19,014	5,888 *	3,768 *	3,768 *	2,624 *	1,906 *
30	34,816 *		42,101 *	153,019 *	46,538	19,155	18,625	5,501 *	3,768 *	3,613 *	2,624 *	1,693 *
31	36,824 *		58,185 *		44,618		17,786	5,501 *		3,613 *		1,906 *
Caudal Max.	134,460 *				128,550 *	100,201	80,754		13,657 *		3,613 *	
Día	24				17	20	16		6		vv	
Hora	6				17	5	4		17			
Caudal Mín.	10,517				22,382	15,876	17,222		3,613 *		2,624 *	
Día	5				16	12	31		28		vv	
Hora					22		23		17			
Caudal Medio	34,592	47,320	77,298	92,290	43,271	42,106	25,409	10,035	4,763	3,333	3,106	2,179

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



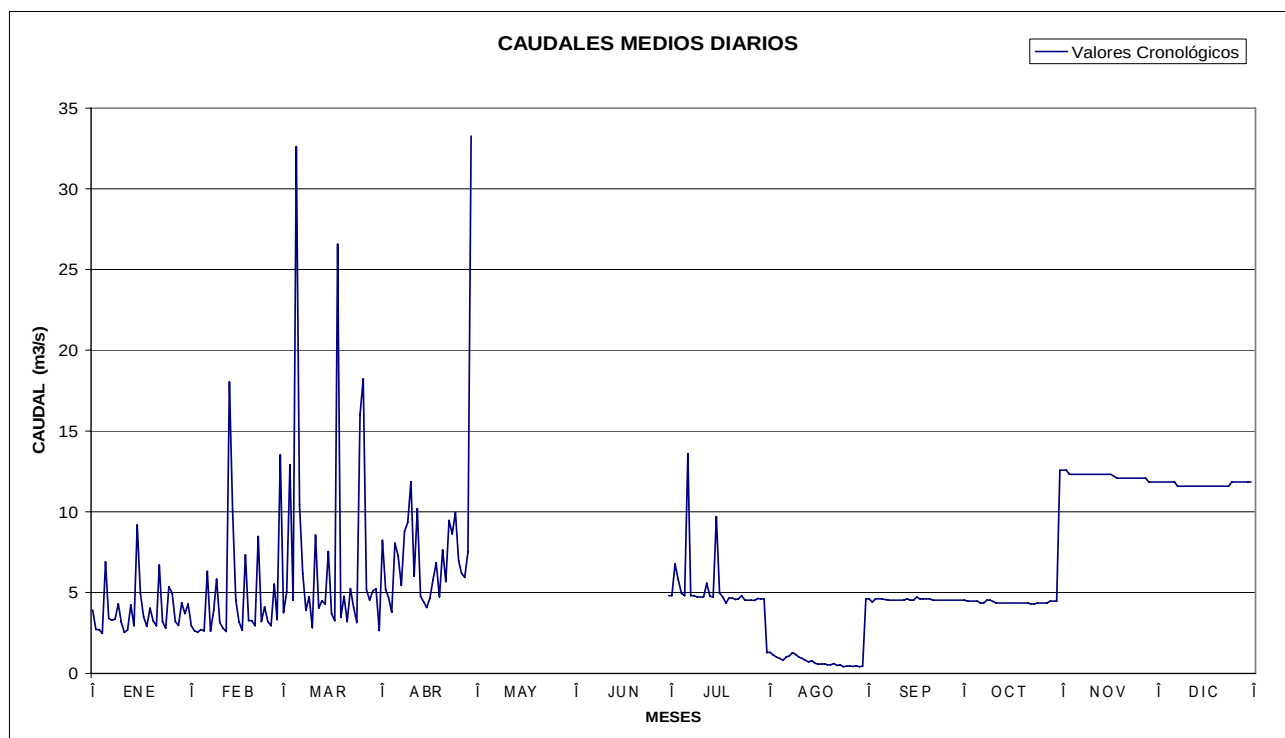
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H233	JUNIN DJ EST.PALMAR											Area Drenaje:175 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	3,925 *	2,939 *	13,534 *	2,651 *			4,800 *	1,278 *	4,603 *	4,538 *	12,580 *	11,839 *
2	2,706 *	2,636 *	3,753 *	8,230 *			4,800 *	1,297 *	4,603 *	4,538 *	12,580 *	11,839 *
3	2,706 *	2,547 *	5,049 *	5,181 *			6,780 *	1,121 *	4,411 *	4,474 *	12,580 *	11,839 *
4	2,461 *	2,705 *	12,919 *	4,702 *			5,801 *	0,998 *	4,603 *	4,474 *	12,330 *	11,839 *
5	6,897 *	2,636 *	4,519 *	3,782 *			4,935 *	0,917 *	4,603 *	4,474 *	12,330 *	11,839 *
6	3,395 *	6,313 *	32,626 *	8,062 *			4,800 *	0,803 *	4,603 *	4,474 *	12,330 *	11,839 *
7	3,266 *	2,614 *	10,458 *	7,294 *			13,615 *	0,998 *	4,571 *	4,348 *	12,330 *	11,839 *
8	3,375 *	3,901 *	6,188 *	5,442 *			4,800 *	1,085 *	4,538 *	4,348 *	12,330 *	11,599 *
9	4,315 *	5,844 *	3,895 *	8,784 *			4,800 *	1,282 *	4,538 *	4,538 *	12,330 *	11,599 *
10	3,168 *	3,138 *	4,737 *	9,355 *			4,734 *	1,148 *	4,538 *	4,538 *	12,330 *	11,599 *
11	2,526 *	2,796 *	2,818 *	11,865 *			4,734 *	0,991 *	4,538 *	4,443 *	12,330 *	11,599 *
12	2,702 *	2,591 *	8,567 *	6,013 *			4,734 *	0,929 *	4,538 *	4,348 *	12,330 *	11,599 *
13	4,225 *	18,040 *	4,043 *	10,206 *			5,571 *	0,800 *	4,538 *	4,348 *	12,330 *	11,599 *
14	2,950 *	10,062 *	4,489 *	4,767 *			4,767 *	0,714 *	4,603 *	4,348 *	12,330 *	11,599 *
15	9,176 *	4,519 *	4,287 *	4,411 *			4,734 *	0,790 *	4,538 *	4,348 *	12,330 *	11,599 *
16	4,950 *	3,188 *	7,543 *	4,073 *			9,708 *	0,621 *	4,538 *	4,348 *	12,330 *	11,599 *
17	3,502 *	2,659 *	3,696 *	4,636 *			4,969 *	0,579 *	4,734 *	4,348 *	12,330 *	11,599 *
18	2,902 *	7,346 *	3,264 *	5,802 *			4,734 *	0,562 *	4,603 *	4,348 *	12,206 *	11,599 *
19	4,050 *	3,264 *	26,570 *	6,847 *			4,348 *	0,587 *	4,603 *	4,348 *	12,083 *	11,599 *
20	3,238 *	3,264 *	3,452 *	4,734 *			4,642 *	0,530 *	4,603 *	4,348 *	12,083 *	11,599 *
21	2,939 *	2,939 *	4,769 *	7,649 *			4,669 *	0,523 *	4,603 *	4,348 *	12,083 *	11,599 *
22	6,721 *	8,466 *	3,195 *	5,688 *			4,571 *	0,612 *	4,538 *	4,348 *	12,083 *	11,599 *
23	3,195 *	3,214 *	5,250 *	9,476 *			4,603 *	0,492 *	4,538 *	4,286 *	12,083 *	11,599 *
24	2,796 *	4,117 *	4,073 *	8,638 *			4,803 *	0,522 *	4,538 *	4,286 *	12,083 *	11,599 *
25	5,359 *	3,213 *	3,136 *	9,963 *			4,538 *	0,415 *	4,538 *	4,348 *	12,083 *	11,839 *
26	4,982 *	2,942 *	16,030 *	6,972 *			4,538 *	0,456 *	4,538 *	4,348 *	12,083 *	11,839 *
27	3,213 *	5,530 *	18,231 *	6,183 *			4,538 *	0,449 *	4,538 *	4,348 *	12,083 *	11,839 *
28	2,963 *	3,316 *	5,181 *	5,949 *			4,506 *	0,435 *	4,538 *	4,348 *	12,083 *	11,839 *
29	4,376 *		4,539 *	7,505 *			4,636 *	0,470 *	4,538 *	4,474 *	11,839 *	11,839 *
30	3,696 *		5,109 *	33,272 *			4,603 *	0,402 *	4,538 *	4,474 *	11,839 *	11,839 *
31	4,289 *		5,215 *				4,603 *	0,456 *		4,474 *		11,839 *
Caudal Max.	10,669 *	33,489 *	48,198 *	52,928 *			13,615 *	1,472 *	4,734 *	4,538 *	12,580 *	11,839 *
Día	22	13	6	30			2	1	17	vv	vv	vv
Hora	18	18	7	7			7	18	7			
Caudal Mín.	1,765 *	2,503 *	1,534 *	1,663 *			4,348 *	0,370 *	4,411 *	4,286 *	11,839 *	11,599 *
Día	12	3	11	1			19	30	3	vv	vv	vv
Hora	18	18	7	7			18	6	18			
Caudal Medio	3,902	4,526	7,779	7,604			5,272	0,750	4,563	4,400	12,236	11,707

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



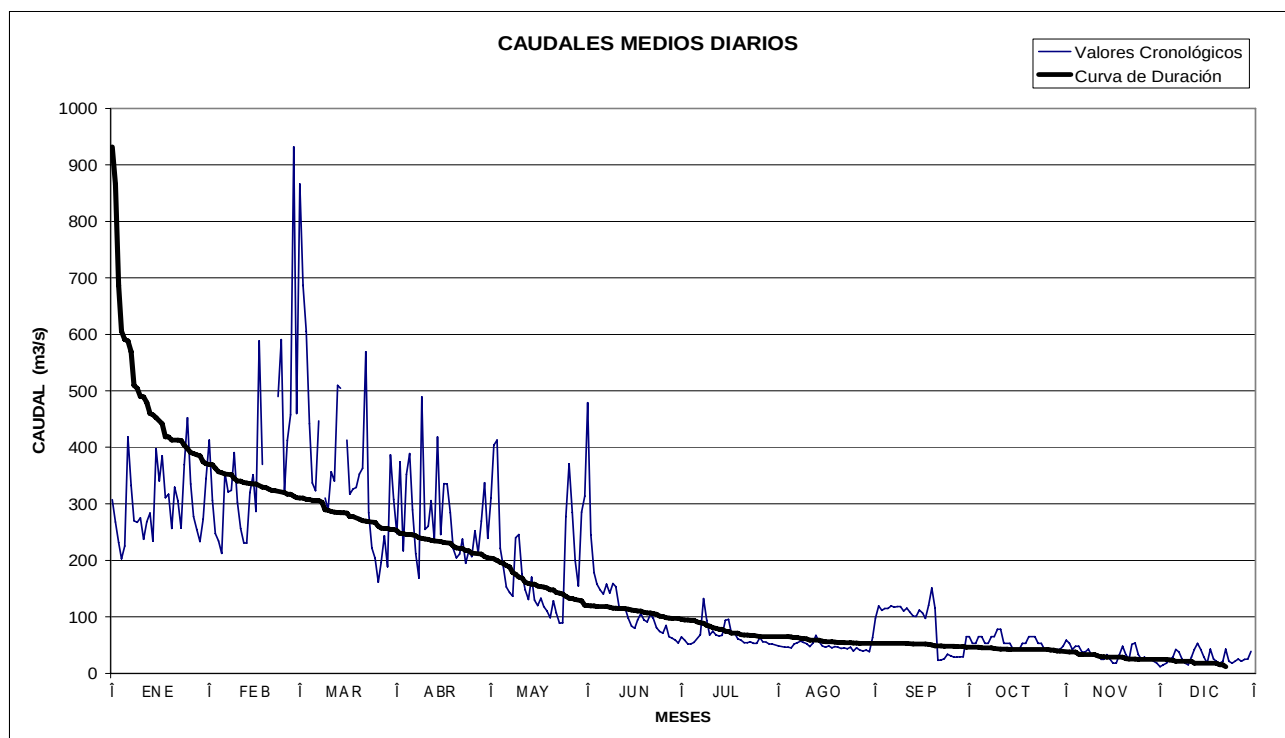
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H326	BABA DJ TOACHI-DCP											Area Drenaje:1410 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	307,479	412,798	459,777 *	307,916	238,646	313,511	53,739	50,611	63,403	64,721 *	47,527 *	17,808 *
2	268,075	306,083	866,179 *	247,280	310,354	479,031	64,625	48,437	97,642	64,721 *	58,778 *	12,079 *
3	231,682	247,237	686,842 *	374,700	403,924	245,223	58,845	47,369	119,525	52,835 *	52,835 *	14,943 *
4	202,771	234,524	605,928 *	216,614	413,254	178,179	51,717	46,314	111,321	52,835 *	42,219 *	17,808 *
5	225,371	211,941	441,460 *	352,365	221,378	158,155	51,717	46,314	114,857	64,721 *	47,527 *	24,725 *
6	418,314	354,823	336,597 *	388,854	190,553	147,819	54,710	45,271	114,778	64,721 *	47,527 *	28,790 *
7	332,327	320,848	323,290 *	289,354	152,861	140,603	61,728	51,735	119,411	52,835 *	37,537 *	42,219 *
8	269,731	324,044	447,010 *	211,492	142,802	157,983	68,215	54,302	117,198	52,835 *	37,537 *	37,537 *
9	266,935	391,185		168,754	136,278	142,260	132,174	57,006	118,482	64,721 *	42,845 *	24,725 *
10	275,154	303,235	310,061 *	489,152	240,102	159,162	93,503	54,757	118,005	64,721 *	32,855 *	17,808 *
11	237,383	256,555	288,607 *	254,882	246,131	153,442	67,563	52,168	110,386	77,893 *		14,943 *
12	268,249	230,774	356,688 *	260,316	175,178	118,258	74,596	47,369	115,419	77,893 *		28,790 *
13	283,653	230,609	340,744 *	305,809	147,530	114,187	68,057	52,858	108,150	52,835 *	24,725 *	42,219 *
14	233,980	319,804	509,878 *	235,625	130,539	113,982	66,393	66,947	100,752	52,835 *	24,725 *	52,835 *
15	397,474	351,516	504,469 *	418,466	170,364	96,962	66,962	55,729	100,676	52,835 *	32,855 *	42,219 *
16	340,621	286,188		245,652	129,420	83,525	93,926	48,437	111,651	42,219 *	24,725 *	28,790 *
17	385,013	588,589 *	412,637 *	336,191	119,989	79,821	95,696	46,314	106,856	42,219 *	17,808 *	17,808 *
18	310,713	370,073 *	317,103 *	335,448	133,294	94,090	71,146	48,254	97,512	42,219 *	17,808 *	42,845 *
19	317,200		326,128 *	284,290	118,049	105,927	71,146	45,271	120,673	52,835 *	32,855 *	25,331 *
20	256,379		328,995 *	220,849	110,238	94,503	61,021	47,369	150,917	52,835 *	47,527 *	21,266 *
21	329,787		352,919 *	204,260	98,365	90,794	58,618	46,314	115,163	64,721 *	32,855 *	17,808 *
22	305,720		362,934 *	210,766	128,552	104,888	53,966	43,944	23,245 *	64,721 *	24,725 *	21,266 *
23	257,192	489,924 *	569,331 *	237,945	106,897	96,962	53,966	44,811	23,979 *	64,721 *	51,309 *	42,845 *
24	369,403	590,890 *	284,111	194,847	88,760	80,683	55,538	43,343	25,868 *	52,835 *	53,470 *	21,266 *
25	452,262	321,881 *	222,094	217,415	89,193	73,806	52,835	46,314	33,472 *	52,835 *	32,855 *	17,808 *
26	335,305	412,421 *	203,756	206,433	277,628	71,107	53,423	39,490	31,186 *	42,219 *	24,725 *	21,266 *
27	277,540	457,679 *	161,340	252,460	370,704	84,778	63,494	45,271	28,643 *	42,219 *	28,790 *	25,331 *
28	254,679	931,896 *	196,149	212,565	284,605	64,721	55,926	41,226	28,637 *	42,219 *	24,725 *	21,266 *
29	232,995		243,403	269,299	199,637	62,242	54,840	39,279	29,047 *	42,219 *	24,725 *	24,725 *
30	273,084		188,629	337,873	154,642	58,618	51,717	41,226	29,462 *	42,219 *	21,266 *	25,331 *
31	345,141		386,658		285,057		51,717	38,556		42,219 *		38,780 *
Caudal Max.	487,569			831,847	675,516	697,426	136,171	68,537	184,670	77,893 *		52,835 *
Día	25			17	4	1	9	14	21	vv		31
Hora	8			20		23	6	6	6			7
Caudal Mín.	191,285			134,319	80,683	58,618	49,518	38,324	23,245 *	42,219 *		12,079 *
Día	4			29	25	30	8	31	22	vv		2
Hora	22			11	8	12	9	3	7			7
Caudal Medio	298,762	372,730	380,473	276,262	194,030	132,174	65,597	47,826	86,211	54,820	35,345	26,877

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



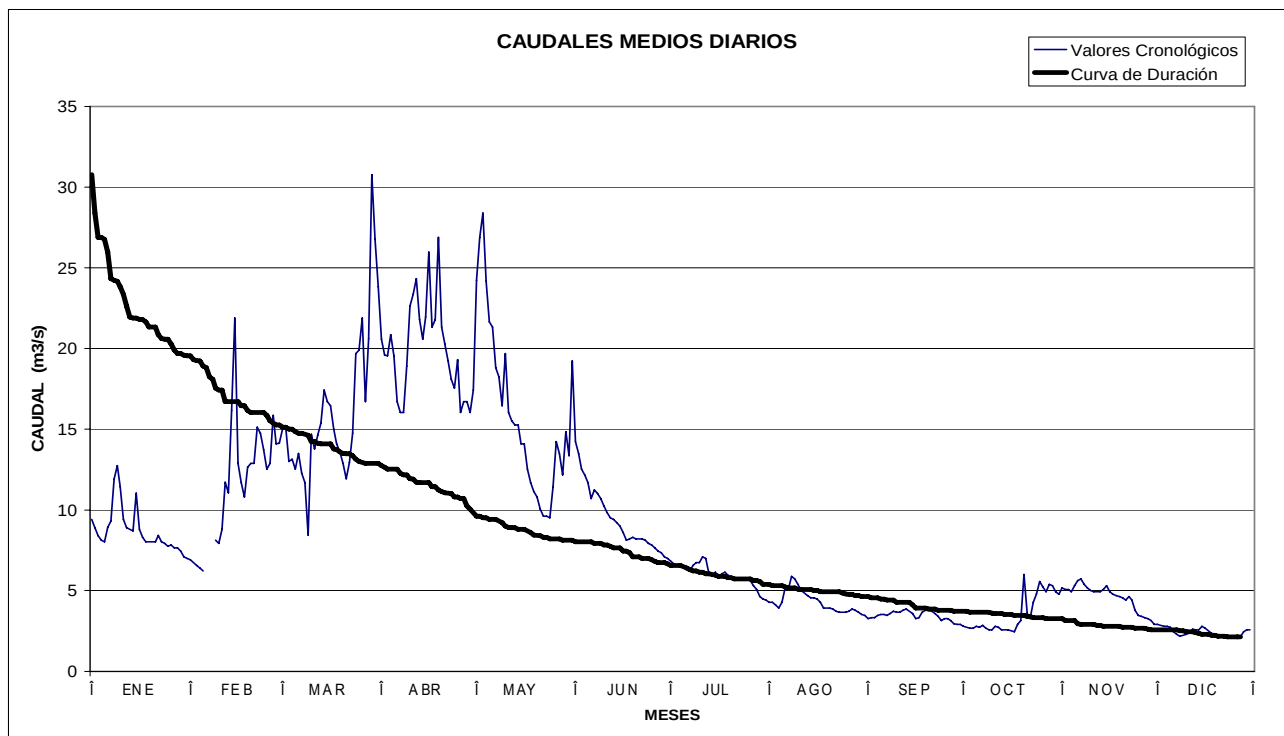
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H331	CHIMBO EN SAN LORENZO											Area Drenaje:660 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	9,413 *	6,908 *	14,123 *	23,844 *	17,426 *	19,231 *	6,998 *	4,409 *	3,456 *	2,901 *	4,776 *	2,903 *
2	8,902 *	6,732 *	14,996 *	20,576 *	24,223 *	14,231 *	6,819 *	4,266 *	3,267 *	2,786 *	5,157 *	2,903 *
3	8,405 *	6,555 *	15,134 *	19,596 *	26,885 *	13,482 *	6,643 *	4,268 *	3,329 *	2,727 *	5,080 *	2,843 *
4	8,114 *	6,384 *	12,999 *	19,544 *	28,402 *	12,518 *	6,555 *	4,125 *	3,329 *	2,670 *	5,080 *	2,785 *
5	8,018 *	6,212 *	13,137 *	20,863 *	24,171 *	12,164 *	6,555 *	3,919 *	3,456 *	2,670 *	4,926 *	2,785 *
6	8,915 *		12,518 *	19,544 *	21,639 *	11,701 *	6,469 *	4,272 *	3,520 *	2,785 *	5,313 *	2,727 *
7	9,311 *		13,508 *	16,720 *	21,332 *	10,700 *	6,297 *	5,159 *	3,520 *	2,730 *	5,634 *	2,449 *
8	11,923 *		12,281 *	16,041 *	18,812 *	11,247 *	6,212 *	5,089 *	3,456 *	2,843 *	5,714 *	2,288 *
9	12,759 *	8,114 *	11,701 *	16,041 *	18,245 *	11,023 *	6,555 *	5,882 *	3,585 *	2,671 *	5,393 *	2,183 *
10	11,428 *	7,922 *	8,455 *	18,917 *	16,445 *	10,692 *	6,730 *	5,714 *	3,717 *	2,558 *	5,157 *	2,235 *
11	9,413 *	8,802 *	14,688 *	22,628 *	19,701 *	10,257 *	6,730 *	5,393 *	3,650 *	2,558 *	5,003 *	2,288 *
12	8,902 *	11,708 *	13,766 *	23,361 *	16,041 *	9,829 *	7,087 *	5,003 *	3,650 *	2,789 *	4,926 *	2,396 *
13	8,801 *	11,055 *	14,628 *	24,326 *	15,512 *	9,515 *	6,998 *	4,851 *	3,784 *	2,730 *	4,926 *	2,614 *
14	8,701 *	16,146 *	15,388 *	21,818 *	15,251 *	9,411 *	6,044 *	4,701 *	3,851 *	2,559 *	4,926 *	2,558 *
15	11,042 *	21,896 *	17,426 *	20,576 *	15,251 *	9,206 *	5,877 *	4,554 *	3,717 *	2,558 *	5,080 *	2,558 *
16	8,802 *	12,881 *	16,720 *	21,947 *	14,108 *	9,003 *	6,128 *	4,554 *	3,585 *	2,558 *	5,313 *	2,785 *
17	8,308 *	11,701 *	16,456 *	25,972 *	14,108 *	8,603 *	5,877 *	4,482 *	3,266 *	2,503 *	4,926 *	2,671 *
18	8,018 *	10,803 *	14,993 *	21,334 *	12,518 *	8,114 *	6,044 *	4,272 *	3,329 *	2,448 *	4,775 *	2,503 *
19	8,018 *	12,646 *	14,108 *	21,792 *	11,701 *	8,210 *	6,128 *	3,918 *	3,651 *	2,912 *	4,701 *	2,340 *
20	8,018 *	12,881 *	13,604 *	26,885 *	11,134 *	8,308 *	5,960 *	3,918 *	3,783 *	3,143 *	4,627 *	2,288 *
21	8,018 *	12,881 *	12,881 *	21,334 *	10,803 *	8,210 *	5,795 *	3,918 *	3,783 *	6,011 *	4,554 *	2,235 *
22	8,409 *	15,134 *	11,934 *	20,276 *	10,046 *	8,210 *	5,713 *	3,851 *	3,717 *	3,592 *	4,409 *	2,183 *
23	8,018 *	14,735 *	12,934 *	19,248 *	9,619 *	8,210 *	5,795 *	3,717 *	3,585 *	3,266 *	4,628 *	2,132 *
24	7,922 *	13,729 *	14,735 *	18,106 *	9,619 *	8,114 *	5,713 *	3,650 *	3,393 *	4,272 *	4,415 *	2,183 *
25	7,733 *	12,518 *	19,701 *	17,539 *	9,515 *	7,922 *	5,713 *	3,650 *	3,143 *	4,785 *	3,783 *	2,132 *
26	7,828 *	12,881 *	19,907 *	19,321 *	11,446 *	7,827 *	5,713 *	3,650 *	3,266 *	5,552 *	3,456 *	2,132 *
27	7,639 *	15,861 *	21,896 *	16,041 *	14,231 *	7,639 *	5,632 *	3,717 *	3,266 *	5,234 *	3,393 *	2,132 *
28	7,639 *	14,108 *	16,720 *	16,720 *	13,481 *	7,453 *	5,313 *	3,851 *	3,143 *	4,931 *	3,329 *	2,132 *
29	7,454 *		20,613 *	16,720 *	12,171 *	7,361 *	5,080 *	3,783 *	2,961 *	5,392 *	3,266 *	2,458 *
30	7,087 *		30,778 *	16,041 *	14,841 *	7,087 *	4,627 *	3,651 *	2,901 *	5,313 *	3,143 *	2,576 *
31	6,998 *		26,756 *		13,359 *		4,481 *	3,520 *		4,931 *		2,576 *
Caudal Max.	14,227 *		41,873 *	31,978 *	31,978 *	24,981 *	7,087 *	6,212 *	3,918 *	9,002 *	5,877 *	3,021 *
Día	8		30	20	3	1	1	9	13	21	7	1
Hora	18		18	18	18	18	8	18	18	18	18	7
Caudal Mín.	6,908 *		5,551 *	16,041 *	9,411 *	7,087 *	4,481 *	3,520 *	2,901 *	2,448 *	3,021 *	2,132 *
Día	31		10	vv	26	30	31	30	29	14	30	vv
Hora	18		18		8	8	8	16	18	18	18	
Caudal Medio	8,708	11,648	15,790	20,122	15,872	9,849	6,074	4,313	3,468	3,464	4,660	2,451

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



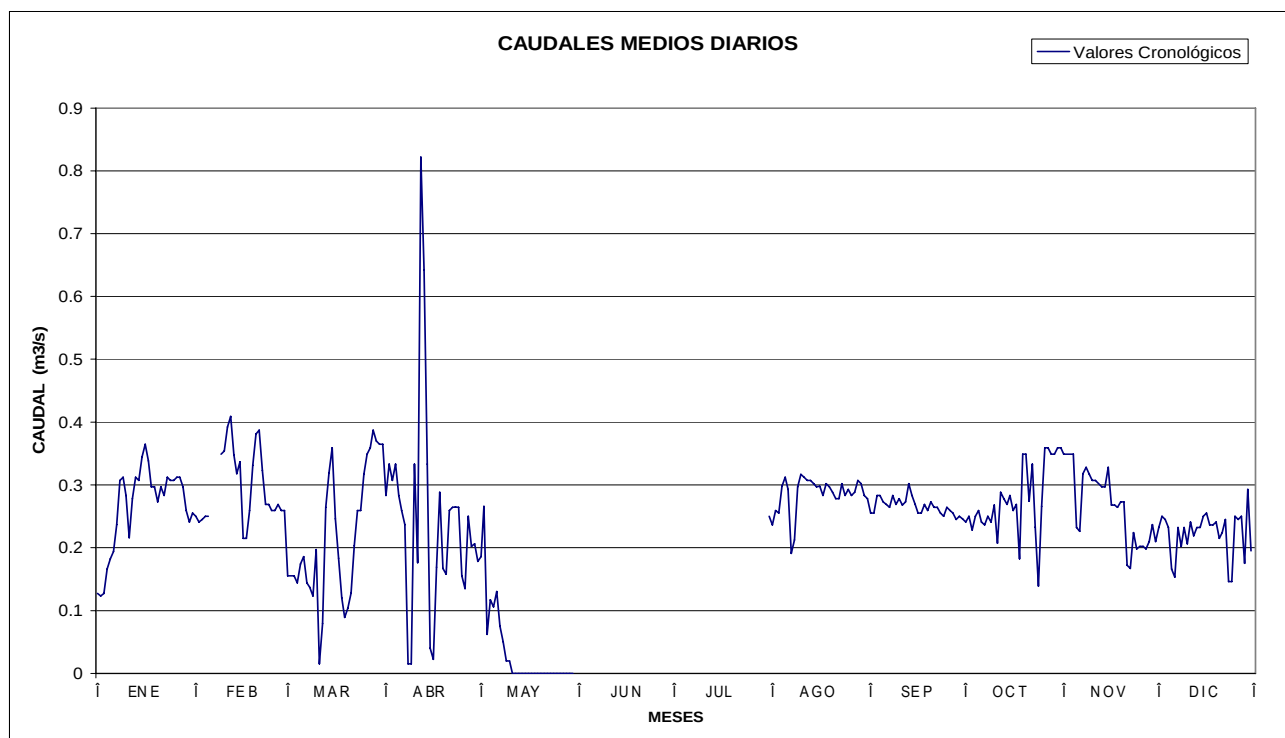
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H332	CANAL CHIMBO EN SAN LORENZO											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,127 *	0,250 *	0,259 *	0,365 *	0,178 *			0,250 *	0,278 *	0,246 *	0,359 *	0,210 *
2	0,123 *	0,241 *	0,155 *	0,283 *	0,186 *			0,236 *	0,255 *	0,241 *	0,349 *	0,232 *
3	0,127 *	0,245 *	0,155 *	0,333 *	0,266 *			0,259 *	0,255 *	0,250 *	0,349 *	0,250 *
4	0,166 *	0,250 *	0,155 *	0,307 *	0,062 *			0,255 *	0,283 *	0,228 *	0,349 *	0,245 *
5	0,182 *	0,250 *	0,144 *	0,333 *	0,117 *			0,298 *	0,283 *	0,250 *	0,349 *	0,232 *
6	0,194 *		0,174 *	0,283 *	0,106 *			0,312 *	0,273 *	0,259 *	0,232 *	0,166 *
7	0,237 *		0,186 *	0,259 *	0,130 *			0,293 *	0,269 *	0,241 *	0,226 *	0,153 *
8	0,307 *		0,144 *	0,237 *	0,075 *			0,191 *	0,264 *	0,236 *	0,318 *	0,232 *
9	0,312 *	0,349 *	0,137 *	0,015 *	0,050 *			0,212 *	0,283 *	0,250 *	0,328 *	0,202 *
10	0,283 *	0,354 *	0,123 *	0,015 *	0,020 *			0,297 *	0,269 *	0,241 *	0,317 *	0,232 *
11	0,216 *	0,392 *	0,197 *	0,333 *	0,020 *			0,317 *	0,278 *	0,268 *	0,307 *	0,206 *
12	0,278 *	0,409 *	0,015 *	0,176 *	0,000 *			0,312 *	0,268 *	0,207 *	0,307 *	0,241 *
13	0,312 *	0,348 *	0,079 *	0,822 *	0,000 *			0,307 *	0,273 *	0,288 *	0,302 *	0,219 *
14	0,307 *	0,318 *	0,264 *	0,642 *	0,000 *			0,307 *	0,302 *	0,278 *	0,297 *	0,232 *
15	0,344 *	0,337 *	0,319 *	0,333 *	0,000 *			0,302 *	0,283 *	0,269 *	0,297 *	0,232 *
16	0,365 *	0,215 *	0,359 *	0,040 *	0,000 *			0,297 *	0,269 *	0,283 *	0,328 *	0,250 *
17	0,338 *	0,215 *	0,246 *	0,022 *	0,000 *			0,298 *	0,255 *	0,259 *	0,268 *	0,255 *
18	0,297 *	0,259 *	0,183 *	0,169 *	0,000 *			0,283 *	0,255 *	0,269 *	0,268 *	0,236 *
19	0,297 *	0,331 *	0,120 *	0,288 *	0,000 *			0,302 *	0,269 *	0,182 *	0,264 *	0,236 *
20	0,273 *	0,381 *	0,089 *	0,167 *	0,000 *			0,297 *	0,259 *	0,349 *	0,273 *	0,241 *
21	0,297 *	0,387 *	0,104 *	0,158 *	0,000 *			0,288 *	0,273 *	0,349 *	0,273 *	0,215 *
22	0,283 *	0,323 *	0,128 *	0,259 *	0,000 *			0,278 *	0,264 *	0,274 *	0,172 *	0,224 *
23	0,312 *	0,269 *	0,203 *	0,264 *	0,000 *			0,278 *	0,264 *	0,333 *	0,167 *	0,245 *
24	0,307 *	0,269 *	0,259 *	0,265 *	0,000 *			0,302 *	0,255 *	0,233 *	0,224 *	0,146 *
25	0,307 *	0,259 *	0,259 *	0,264 *	0,000 *			0,283 *	0,250 *	0,139 *	0,198 *	0,146 *
26	0,312 *	0,259 *	0,317 *	0,155 *	0,000 *			0,293 *	0,264 *	0,266 *	0,202 *	0,250 *
27	0,312 *	0,269 *	0,349 *	0,135 *	0,000 *			0,283 *	0,259 *	0,359 *	0,202 *	0,245 *
28	0,297 *	0,259 *	0,359 *	0,250 *	0,000 *			0,288 *	0,255 *	0,359 *	0,198 *	0,250 *
29	0,259 *		0,387 *	0,202 *	0,000 *			0,307 *	0,245 *	0,349 *	0,210 *	0,175 *
30	0,241 *		0,370 *	0,206 *	0,000 *			0,302 *	0,250 *	0,349 *	0,237 *	0,293 *
31	0,255 *		0,365 *		0,000 *			0,283 *		0,359 *		0,195 *
Caudal Max.	0,370 *		0,414 *	1,336 *	0,359 *			0,317 *	0,307 *	0,359 *	0,359 *	0,307 *
Día	15		29	13	3			5	14	vv	1	30
Hora	18		18	18	18			7	8		8	8
Caudal Mín.	0,117 *		0,015 *	0,015 *	0,000			0,104 *	0,241 *	0,104 *	0,075 *	0,050 *
Día	1		12	vv	vv			8	24	25	22	24
Hora	18		8					18	18	18	18	18
Caudal Medio	0,267	0,297	0,213	0,253	0,039			0,284	0,267	0,273	0,272	0,222

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



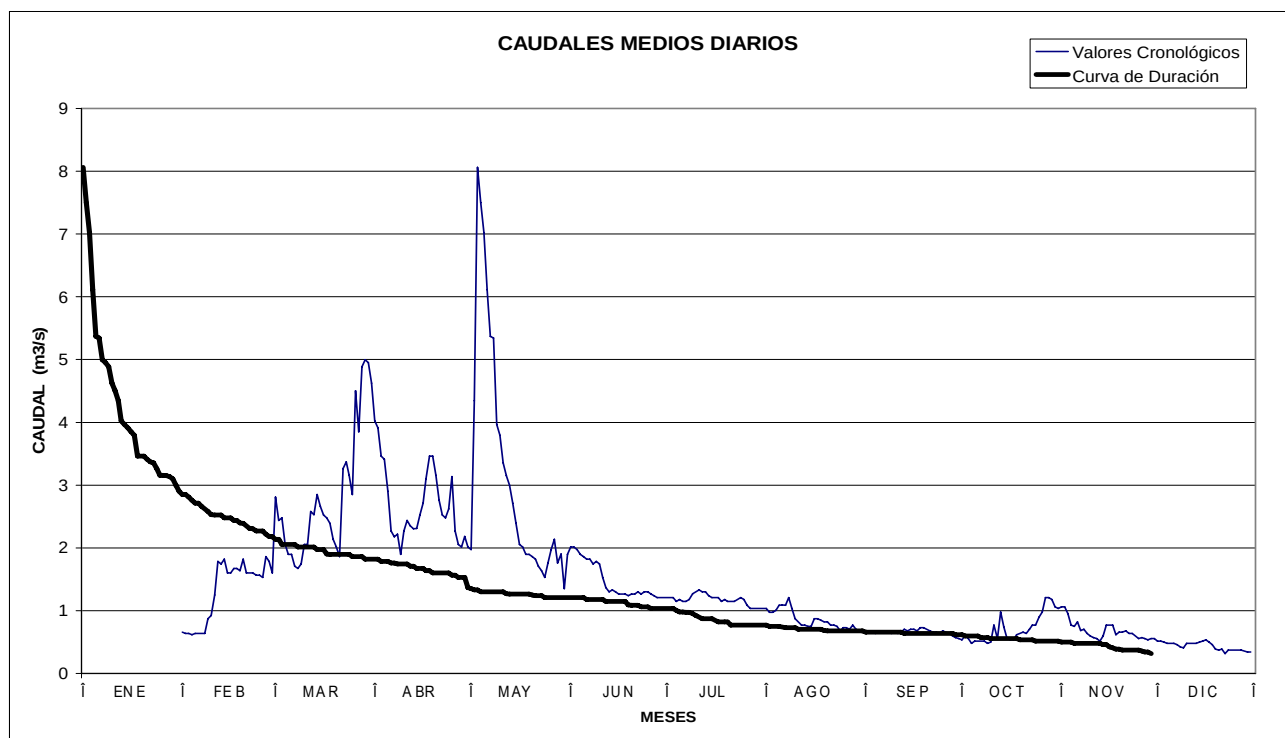
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H333	SAN LORENZO EN SAN LORENZO											Area Drenaje:108 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		0,657 *	1,599 *	4,624 *	2,013 *	1,896 *	1,204 *	1,030 *	0,679 *	0,552 *	1,030 *	0,552 *
2		0,635 *	2,810 *	4,021 *	1,973 *	2,013 *	1,204 *	1,030 *	0,679 *	0,533 *	1,058 *	0,513 *
3		0,635 *	2,435 *	3,907 *	4,342 *	2,013 *	1,204 *	0,975 *	0,679 *	0,593 *	1,058 *	0,513 *
4		0,614 *	2,479 *	3,463 *	8,061 *	1,973 *	1,204 *	0,975 *	0,657 *	0,553 *	0,948 *	0,494 *
5		0,635 *	2,053 *	3,409 *	7,500 *	1,895 *	1,145 *	1,002 *	0,635 *	0,475 *	0,771 *	0,475 *
6		0,635 *	1,895 *	2,900 *	7,021 *	1,857 *	1,175 *	1,086 *	0,657 *	0,513 *	0,748 *	0,475 *
7		0,635 *	1,895 *	2,266 *	6,115 *	1,818 *	1,145 *	1,087 *	0,679 *	0,513 *	0,820 *	0,475 *
8		0,635 *	1,707 *	2,177 *	5,369 *	1,818 *	1,145 *	1,086 *	0,679 *	0,513 *	0,680 *	0,457 *
9		0,871 *	1,670 *	2,218 *	5,341 *	1,743 *	1,175 *	1,204 *	0,657 *	0,513 *	0,701 *	0,422 *
10		0,921 *	1,743 *	1,895 *	3,963 *	1,781 *	1,267 *	1,030 *	0,635 *	0,475 *	0,635 *	0,405 *
11		1,245 *	2,053 *	2,266 *	3,792 *	1,743 *	1,298 *	0,870 *	0,657 *	0,494 *	0,593 *	0,475 *
12		1,781 *	2,053 *	2,435 *	3,356 *	1,530 *	1,329 *	0,820 *	0,635 *	0,771 *	0,572 *	0,475 *
13		1,743 *	2,578 *	2,349 *	3,149 *	1,362 *	1,298 *	0,771 *	0,657 *	0,552 *	0,552 *	0,475 *
14		1,818 *	2,526 *	2,305 *	2,998 *	1,298 *	1,298 *	0,771 *	0,701 *	0,976 *	0,513 *	0,475 *
15		1,599 *	2,852 *	2,307 *	2,709 *	1,329 *	1,235 *	0,748 *	0,679 *	0,737 *	0,593 *	0,494 *
16		1,599 *	2,662 *	2,524 *	2,394 *	1,298 *	1,204 *	0,748 *	0,703 *	0,552 *	0,771 *	0,513 *
17		1,671 *	2,524 *	2,709 *	2,053 *	1,266 *	1,204 *	0,870 *	0,703 *	0,533 *	0,771 *	0,533 *
18		1,671 *	2,479 *	3,100 *	2,013 *	1,266 *	1,204 *	0,870 *	0,679 *	0,533 *	0,771 *	0,494 *
19		1,634 *	2,391 *	3,463 *	1,895 *	1,266 *	1,145 *	0,845 *	0,725 *	0,614 *	0,614 *	0,457 *
20		1,819 *	2,136 *	3,463 *	1,895 *	1,235 *	1,175 *	0,820 *	0,724 *	0,635 *	0,657 *	0,388 *
21		1,599 *	2,013 *	3,157 *	1,857 *	1,266 *	1,145 *	0,820 *	0,701 *	0,657 *	0,657 *	0,372 *
22		1,599 *	1,857 *	2,756 *	1,818 *	1,266 *	1,145 *	0,771 *	0,679 *	0,635 *	0,679 *	0,388 *
23		1,599 *	3,260 *	2,524 *	1,707 *	1,298 *	1,145 *	0,771 *	0,657 *	0,703 *	0,635 *	0,313 *
24		1,564 *	3,371 *	2,479 *	1,634 *	1,266 *	1,175 *	0,748 *	0,657 *	0,771 *	0,635 *	0,372 *
25		1,564 *	3,157 *	2,618 *	1,529 *	1,298 *	1,204 *	0,679 *	0,635 *	0,771 *	0,593 *	0,372 *
26		1,529 *	2,852 *	3,136 *	1,757 *	1,298 *	1,175 *	0,724 *	0,679 *	0,896 *	0,552 *	0,372 *
27		1,857 *	4,504 *	2,266 *	1,974 *	1,266 *	1,086 *	0,724 *	0,657 *	0,976 *	0,572 *	0,372 *
28		1,781 *	3,849 *	2,053 *	2,136 *	1,235 *	1,030 *	0,701 *	0,635 *	1,204 *	0,552 *	0,372 *
29			4,881 *	2,013 *	1,757 *	1,204 *	1,030 *	0,771 *	0,594 *	1,204 *	0,533 *	0,356 *
30			4,995 *	2,182 *	1,898 *	1,204 *	1,030 *	0,701 *	0,572 *	1,175 *	0,552 *	0,340 *
31			4,949 *		1,350 *		1,030 *	0,679 *		1,058 *		0,340 *
Caudal Max.		1,895 *	5,969 *	4,624 *	10,153 *	2,053 *	1,329 *	1,204 *	0,771 *	1,204 *	1,086 *	0,552 *
Día		20	29	1	4	2	10	9	16	vv	2	1
Hora		6	18	6	18	18	6	6	18		18	6
Caudal Mín.		0,593 *	1,599 *	1,895 *	1,030 *	1,204 *	1,030 *	0,679 *	0,552 *	0,475 *	0,513 *	0,255 *
Día		4	1	10	31	vv	vv	vv	29	vv	14	23
Hora		6	6	6	6				18		6	18
Caudal Medio		1,305	2,717	2,766	3,141	1,500	1,176	0,862	0,665	0,699	0,694	0,437

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



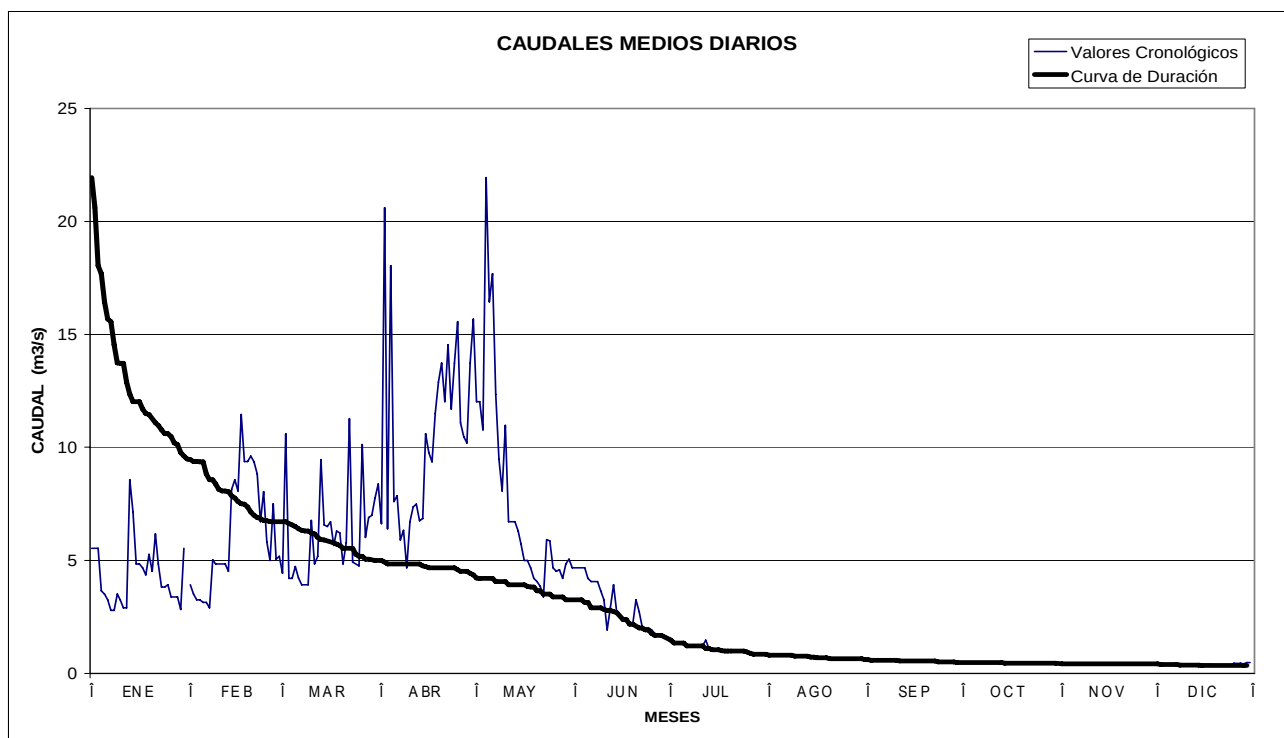
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)											Area Drenaje:111 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	5,530 *	3,915 *	5,182 *	8,382 *	15,675 *	4,671 *	1,610 *	0,850 *	0,644 *	0,478 *	0,450 *	0,370 *
2	5,530 *	3,508 *	4,434 *	6,621 *	12,023 *	4,671 *	1,539 *	0,850 *	0,608 *	0,478 *	0,450 *	0,370 *
3	5,530 *	3,254 *	10,600 *	20,612 *	12,023 *	4,671 *	1,337 *	0,805 *	0,608 *	0,478 *	0,422 *	0,347 *
4	3,640 *	3,254 *	4,206 *	6,405 *	10,772 *	4,671 *	1,337 *	0,805 *	0,574 *	0,478 *	0,422 *	0,347 *
5	3,508 *	3,133 *	4,206 *	18,034 *	21,933 *	4,671 *	1,337 *	0,805 *	0,574 *	0,478 *	0,422 *	0,347 *
6	3,254 *	3,133 *	4,723 *	7,605 *	16,443 *	4,206 *	1,337 *	0,805 *	0,574 *	0,478 *	0,422 *	0,347 *
7	2,789 *	2,900 *	4,214 *	7,860 *	17,695 *	4,059 *	1,215 *	0,805 *	0,574 *	0,478 *	0,422 *	0,347 *
8	2,789 *	5,021 *	3,915 *	5,905 *	12,355 *	4,059 *	1,215 *	0,805 *	0,574 *	0,478 *	0,422 *	0,347 *
9	3,508 *	4,834 *	3,915 *	6,336 *	9,490 *	4,059 *	1,215 *	0,805 *	0,574 *	0,478 *	0,422 *	0,347 *
10	3,254 *	4,834 *	3,915 *	4,673 *	8,068 *	3,647 *	1,215 *	0,805 *	0,574 *	0,478 *	0,422 *	0,347 *
11	2,900 *	4,834 *	6,768 *	6,710 *	10,963 *	3,254 *	1,215 *	0,763 *	0,574 *	0,478 *	0,422 *	0,347 *
12	2,900 *	4,834 *	4,836 *	7,362 *	6,710 *	1,923 *	1,215 *	0,763 *	0,574 *	0,478 *	0,422 *	0,347 *
13	8,563 *	4,512 *	5,174 *	7,493 *	6,710 *	2,900 *	1,459 *	0,763 *	0,541 *	0,478 *	0,422 *	0,347 *
14	7,142 *	8,142 *	9,454 *	6,750 *	6,710 *	3,915 *	1,100 *	0,763 *	0,541 *	0,450 *	0,422 *	0,347 *
15	4,834 *	8,563 *	6,563 *	6,847 *	6,298 *	2,680 *	1,100 *	0,763 *	0,541 *	0,450 *	0,422 *	0,347 *
16	4,834 *	8,068 *	6,502 *	10,604 *	5,715 *	2,527 *	1,046 *	0,722 *	0,541 *	0,450 *	0,422 *	0,347 *
17	4,671 *	11,457 *	6,710 *	9,778 *	5,002 *	2,374 *	1,046 *	0,722 *	0,541 *	0,450 *	0,422 *	0,396 *
18	4,357 *	9,374 *	5,668 *	9,351 *	5,002 *	2,374 *	1,046 *	0,682 *	0,541 *	0,450 *	0,422 *	0,396 *
19	5,266 *	9,374 *	6,298 *	11,500 *	4,671 *	2,185 *	0,994 *	0,682 *	0,541 *	0,450 *	0,422 *	0,396 *
20	4,512 *	9,621 *	6,213 *	12,888 *	4,206 *	2,185 *	0,994 *	0,682 *	0,541 *	0,450 *	0,422 *	0,371 *
21	6,170 *	9,351 *	4,836 *	13,735 *	4,059 *	3,254 *	0,994 *	0,682 *	0,541 *	0,422 *	0,422 *	0,370 *
22	4,834 *	8,819 *	5,772 *	12,026 *	3,849 *	2,720 *	0,994 *	0,644 *	0,541 *	0,422 *	0,422 *	0,370 *
23	3,822 *	6,710 *	11,265 *	14,540 *	3,379 *	2,095 *	0,994 *	0,644 *	0,541 *	0,422 *	0,422 *	0,370 *
24	3,822 *	8,045 *	4,922 *	11,704 *	5,917 *	2,008 *	0,994 *	0,644 *	0,541 *	0,422 *	0,422 *	0,370 *
25	3,915 *	5,815 *	4,836 *	13,725 *	5,860 *	2,008 *	0,994 *	0,644 *	0,509 *	0,422 *	0,422 *	0,354 *
26	3,379 *	5,004 *	4,757 *	15,558 *	4,671 *	1,923 *	0,995 *	0,644 *	0,509 *	0,450 *	0,422 *	0,450 *
27	3,379 *	7,509 *	10,113 *	11,088 *	4,512 *	1,762 *	0,944 *	0,644 *	0,509 *	0,450 *	0,422 *	0,425 *
28	3,379 *	5,055 *	6,007 *	10,475 *	4,591 *	1,685 *	0,896 *	0,644 *	0,509 *	0,450 *	0,396 *	0,450 *
29	2,829 *		6,892 *	10,184 *	4,206 *	1,685 *	0,850 *	0,644 *	0,509 *	0,450 *	0,396 *	0,422 *
30	5,530 *		6,987 *	13,725 *	4,834 *	1,685 *	0,850 *	0,644 *	0,509 *	0,450 *	0,396 *	0,478 *
31			7,763 *		5,055 *		0,850 *	0,644 *		0,450 *		0,470 *
Caudal Max.		14,845 *	17,695 *	34,722 *	21,933 *	4,671 *	1,761 *	0,850 *	0,644 *	0,478 *	0,449 *	0,478 *
Día		17	23	3	5	vv	13	vv	1	vv	1	31
Hora		18	18	18	18		6		6		6	5
Caudal Mín.		2,900 *	3,915 *	4,512 *	2,900 *	1,685 *	0,850 *	0,644 *	0,509 *	0,422 *	0,396 *	0,347 *
Día		7	vv	10	25	vv	vv	vv	vv	vv	vv	vv
Hora		6		18	6							
Caudal Medio	4,346	6,174	6,053	10,282	8,045	3,017	1,127	0,728	0,552	0,457	0,421	0,377

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



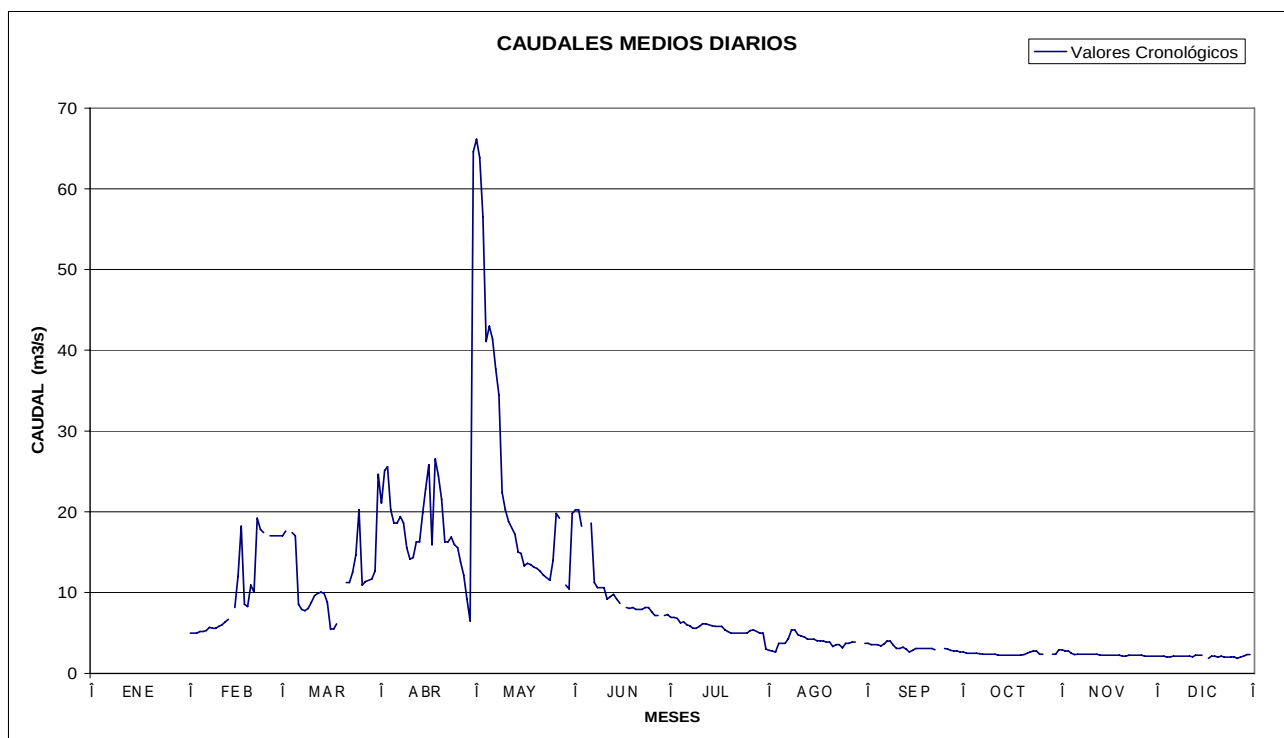
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H337	PANGOR AJ CHIMBO											Area Drenaje:282 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		4,982 *	17,038 *	24,638 *	64,594 *	19,815 *	7,276 *	2,997 *	3,710 *	2,636 *	2,923 *	2,110 *
2		4,982 *	17,038 *	21,074 *	66,146 *	20,230 *	6,919 *	2,850 *	3,710 *	2,636 *	2,923 *	2,110 *
3		4,982 *	17,614 *	25,107 *	63,826 *	20,230 *	6,919 *	2,778 *	3,544 *	2,499 *	2,778 *	2,110 *
4		5,181 *		25,585 *	56,551 *	18,200 *	6,803 *	2,636 *	3,544 *	2,499 *	2,778 *	2,110 *
5		5,181 *	17,423 *	20,230 *	41,103 *		6,238 *	3,710 *	3,544 *	2,499 *	2,499 *	1,991 *
6		5,282 *	17,038 *	18,597 *	43,000 *		6,348 *	3,710 *	3,383 *	2,499 *	2,301 *	2,050 *
7		5,696 *	8,534 *	18,597 *	41,401 *	18,597 *	6,016 *	3,712 *	3,631 *	2,432 *	2,365 *	2,110 *
8		5,590 *	7,891 *	19,404 *	37,671 *	11,222 *	5,909 *	4,325 *	3,966 *	2,365 *	2,365 *	2,110 *
9		5,590 *	7,766 *	18,599 *	34,449 *	10,623 *	5,590 *	5,383 *	3,966 *	2,365 *	2,365 *	2,110 *
10		5,801 *	8,018 *	15,561 *	22,375 *	10,623 *	5,590 *	5,383 *	3,463 *	2,365 *	2,365 *	2,110 *
11		6,016 *	8,802 *	14,138 *	20,230 *	10,623 *	5,801 *	4,788 *	3,072 *	2,365 *	2,365 *	2,110 *
12		6,348 *	9,617 *	14,316 *	18,802 *	9,202 *	6,126 *	4,598 *	3,072 *	2,365 *	2,365 *	2,110 *
13		6,687 *	9,899 *	16,285 *	18,004 *	9,478 *	6,126 *	4,505 *	3,225 *	2,236 *	2,365 *	2,050 *
14			10,041 *	16,285 *	17,229 *	9,757 *	6,016 *	4,230 *	2,997 *	2,236 *	2,236 *	2,236 *
15		8,144 *	9,899 *	19,872 *	15,014 *	9,202 *	5,909 *	4,230 *	2,636 *	2,236 *	2,236 *	2,236 *
16		12,010 *	8,802 *	22,819 *	14,836 *	8,665 *	5,801 *	4,230 *	2,850 *	2,236 *	2,236 *	2,236 *
17		18,200 *	5,487 *	25,814 *	13,297 *		5,801 *	4,053 *	3,072 *	2,236 *	2,236 *	
18		8,534 *	5,487 *	15,916 *	13,628 *	8,144 *	5,801 *	4,053 *	3,072 *	2,236 *	2,236 *	1,871 *
19		8,273 *	6,126 *	26,535 *	13,459 *	8,018 *	5,383 *	3,966 *	3,072 *	2,236 *	2,236 *	2,110 *
20		10,922 *		24,435 *	13,126 *	8,144 *	5,181 *	3,879 *	3,072 *	2,236 *	2,236 *	2,110 *
21		10,041 *		21,505 *	12,962 *	7,891 *	4,982 *	3,879 *	3,072 *	2,301 *	2,110 *	1,989 *
22		19,217 *	11,222 *	16,285 *	12,635 *	7,891 *	4,982 *	3,304 *	3,072 *	2,499 *	2,110 *	2,110 *
23		17,808 *	11,222 *	16,285 *	12,154 *	7,891 *	4,982 *	3,544 *	2,923 *	2,636 *	2,236 *	1,989 *
24		17,420 *	12,509 *	16,853 *	11,839 *	8,144 *	4,982 *	3,544 *		2,778 *	2,236 *	1,989 *
25			14,660 *	15,919 *	11,528 *	8,144 *	4,982 *	3,149 *		2,778 *	2,236 *	1,989 *
26		17,038 *	20,230 *	15,554 *	13,967 *	7,641 *	4,982 *	3,710 *	3,072 *	2,365 *	2,236 *	2,050 *
27		17,038 *	10,920 *	13,799 *	19,815 *	7,156 *	5,282 *	3,710 *	2,997 *	2,365 *	2,236 *	1,871 *
28		17,038 *	11,375 *	12,163 *	19,206 *	7,156 *	5,383 *	3,879 *	2,850 *		2,110 *	1,989 *
29			11,528 *	9,204 *			5,181 *	3,879 *	2,778 *		2,110 *	2,110 *
30			11,683 *	6,459 *	10,920 *	7,156 *	4,982 *		2,778 *	2,365 *	2,110 *	2,301 *
31			12,662 *		10,476 *		4,982 *			2,365 *		2,301 *
Caudal Max.				27,018 *			7,396 *				2,923 *	
Día				19			1				vv	
Hora				7			7					
Caudal Mín.				6,459 *			4,982 *				2,110 *	
Día				30			vv				vv	
Hora				6								
Caudal Medio		9,769	11,448	18,261	25,475	10,763	5,718	3,883	3,219	2,409	2,338	2,089

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



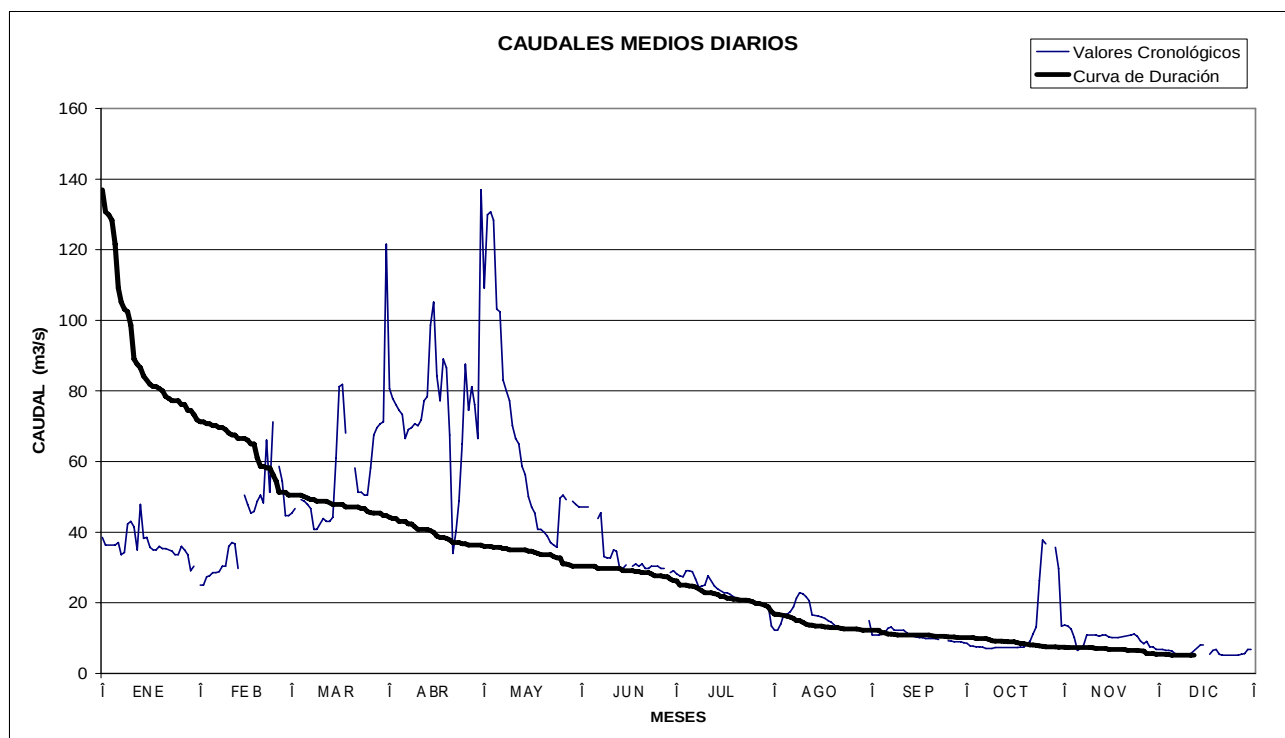
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H338	CHIMBO DJ PANGOR											Area Drenaje:1440 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	38,500 *	24,986 *	44,623 *	121,519 *	136,969 *	47,065 *	29,093 *	13,317 *	14,886 *	8,645 *	13,317 *	6,760 *
2	36,346 *	24,986 *	45,433 *	80,641 *	109,172 *	47,070 *	28,181 *	12,210 *	10,826 *	8,502 *	13,699 *	6,760 *
3	36,346 *	27,321 *	46,654 *	77,788 *	129,876 *	47,065 *	27,583 *	12,210 *	10,826 *	7,802 *	13,317 *	6,760 *
4	36,346 *	27,591 *		76,110 *	130,652 *	47,065 *	27,286 *	13,961 *	10,826 *	7,668 *	12,572 *	6,514 *
5	36,346 *	28,482 *	49,163 *	74,446 *	128,343 *		29,093 *	16,783 *	10,994 *	7,533 *	10,175 *	6,514 *
6	37,055 *	28,482 *	48,738 *	73,352 *	103,120 *		29,093 *	16,783 *	11,508 *	7,533 *	6,514 *	6,273 *
7	33,593 *	28,788 *	47,897 *	66,483 *	102,445 *	43,827 *	28,788 *	17,460 *	12,763 *	7,401 *	7,015 *	5,585 *
8	34,269 *	30,338 *	46,654 *	69,077 *	82,971 *	45,446 *	26,699 *	18,821 *	13,129 *	7,012 *	7,940 *	5,260 *
9	42,261 *	30,338 *	40,770 *	69,601 *	80,067 *	33,029 *	24,431 *	21,259 *	12,210 *	7,012 *	10,826 *	5,153 *
10	43,040 *	35,996 *	40,735 *	70,660 *	77,224 *	32,678 *	24,709 *	22,811 *	12,210 *	7,012 *	10,826 *	5,153 *
11	41,509 *	37,055 *	42,279 *	70,131 *	70,131 *	32,678 *	24,986 *	22,549 *	12,210 *	7,270 *	10,826 *	5,366 *
12	34,953 *	36,701 *	43,827 *	71,734 *	66,483 *	34,953 *	27,583 *	21,769 *	12,210 *	7,270 *	10,826 *	5,585 *
13	47,897 *	29,711 *	43,040 *	77,224 *	64,958 *	34,611 *	26,120 *	20,517 *	11,518 *	7,270 *	10,495 *	6,394 *
14	38,162 *		43,040 *	78,353 *	58,615 *	29,711 *	24,709 *	16,565 *	10,826 *	7,270 *	10,826 *	7,158 *
15	38,500 *	50,447 *	44,225 *	98,638 *	56,258 *	29,711 *	23,883 *	16,350 *	10,495 *	7,270 *	10,829 *	8,077 *
16	35,645 *	47,897 *	60,996 *	105,145 *	50,027 *	30,655 *	23,343 *	16,135 *	10,334 *	7,270 *	10,334 *	8,077 *
17	34,953 *	45,428 *	81,221 *	84,157 *	47,070 *		22,811 *	15,923 *	10,172 *	7,270 *	10,172 *	
18	34,953 *	45,835 *	81,801 *	77,224 *	45,428 *	30,342 *	22,811 *	15,503 *	10,172 *	7,270 *	10,172 *	5,366 *
19	35,996 *	48,738 *	68,032 *	88,981 *	40,731 *	30,972 *	22,286 *	14,889 *	9,854 *	7,401 *	10,172 *	6,514 *
20	35,299 *	50,466 *		86,548 *	40,731 *	30,342 *	21,769 *	14,483 *	9,854 *	7,401 *	10,334 *	6,760 *
21	35,299 *	48,318 *		67,582 *	39,978 *	30,972 *	21,259 *	13,699 *	9,854 *	8,236 *	10,495 *	5,366 *
22	34,953 *	66,124 *	58,134 *	33,931 *	38,867 *	29,711 *	21,008 *	12,572 *	9,854 *	9,088 *	10,660 *	5,153 *
23	34,611 *	51,316 *	51,316 *	40,407 *	37,055 *	29,711 *	21,008 *	12,941 *	9,543 *	11,089 *	10,826 *	5,153 *
24	33,593 *	71,195 *	51,316 *	48,756 *	36,346 *	30,338 *	20,757 *	12,941 *		13,129 *	11,162 *	5,153 *
25	33,593 *		50,447 *	64,968 *	35,645 *	30,338 *	20,757 *	12,572 *		26,276 *	10,499 *	5,153 *
26	35,996 *	58,615 *	50,447 *	87,562 *	49,588 *	30,338 *	20,757 *	12,572 *	9,238 *	37,790 *	9,106 *	5,153 *
27	34,957 *	54,456 *	58,219 *	74,476 *	50,447 *	29,711 *	20,262 *	12,572 *	9,088 *	36,709 *	8,358 *	5,153 *
28	33,593 *	44,623 *	67,518 *	81,221 *	49,163 *	29,711 *	19,775 *	12,391 *	8,938 *		9,014 *	5,366 *
29	29,093 *		69,601 *	76,150 *			19,775 *	12,941 *	8,938 *		7,533 *	5,585 *
30	30,354 *		70,660 *	66,483 *	48,738 *	28,482 *	19,534 *		8,938 *	35,645 *	7,533 *	6,760 *
31			71,195 *		47,902 *		19,294 *			29,711 *		6,760 *
Caudal Max.				121,519 *			29,093 *				13,699 *	
Día				1			vv				2	
Hora				7							7	
Caudal Mín.				33,593 *			19,294 *				6,514 *	
Día				22			30				6	
Hora				7			16				7	
Caudal Medio	36,267	41,317	54,214	75,312	68,500	34,482	23,853	15,707	10,793	12,302	10,212	6,026

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



CAUDALES MEDIOS DIARIOS (m3/s)

1998

H340	CHIMBO EN BUCAY											Area Drenaje:2280 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1					111,427 *	65,278 *	45,161 *	27,723 *	18,008 *	13,653 *	16,553 *	10,360 *
2					132,194 *	65,825 *	44,293 *	27,080 *	17,519 *	13,237 *	16,553 *	10,360 *
3					150,624 *	66,929 *	44,293 *	27,080 *	16,791 *	12,828 *	16,553 *	10,360 *
4					240,615 *	66,929 *	43,436 *	27,080 *	16,553 *	12,626 *	16,084 *	10,360 *
5					200,453 *	68,044 *	43,012 *	27,080 *	16,553 *	12,626 *	15,854 *	10,360 *
6					183,531 *	70,309 *	42,589 *	26,763 *	16,553 *	12,626 *	15,624 *	10,360 *
7					162,815 *	72,619 *	41,757 *	26,446 *	16,553 *	12,626 *	15,398 *	10,009 *
8					144,297 *	72,619 *	40,925 *	25,821 *	16,553 *	12,626 *	15,171 *	10,009 *
9					134,747 *	71,464 *	40,517 *	25,513 *	16,084 *	12,428 *	15,171 *	10,009 *
10					120,746 *	70,309 *	39,307 *	25,206 *	16,084 *	12,229 *	14,949 *	10,009 *
11					109,918 *	70,309 *	38,505 *	24,902 *	16,084 *	12,229 *	14,509 *	9,837 *
12					104,008 *	68,044 *	37,723 *	24,599 *	16,084 *	12,229 *	14,291 *	9,665 *
13					98,296 *	68,044 *	36,942 *	24,001 *	16,084 *	12,229 *	14,291 *	9,665 *
14					96,200 *	66,929 *	35,418 *	23,413 *	16,084 *	12,229 *	14,291 *	9,497 *
15					95,508 *	66,377 *	34,675 *	23,123 *	15,624 *	12,229 *	14,077 *	9,328 *
16					94,135 *	65,278 *	33,933 *	22,833 *	15,624 *	12,229 *	14,077 *	9,328 *
17					94,135 *	64,732 *	33,569 *	22,262 *	15,624 *	12,229 *	13,863 *	9,164 *
18					93,455 *	64,191 *	33,205 *	22,262 *	15,624 *	12,229 *	13,863 *	8,999 *
19					92,774 *	60,018 *	32,486 *	21,700 *	15,624 *	12,626 *	13,653 *	8,999 *
20					91,426 *	62,050 *	31,782 *	21,700 *	15,171 *	12,626 *	13,443 *	9,164 *
21					90,095 *	60,995 *	31,078 *	21,147 *	15,171 *	13,443 *	13,443 *	9,328 *
22					88,764 *	60,471 *	31,078 *	21,147 *	15,171 *	13,443 *	13,031 *	9,665 *
23					84,862 *	60,471 *	31,078 *	21,147 *	14,727 *	13,443 *	13,031 *	9,665 *
24				109,202 *	84,862 *	58,407 *	31,078 *	20,602 *	14,727 *	14,291 *	12,229 *	9,665 *
25				102,556 *	78,595 *	58,407 *	30,388 *	20,602 *	14,727 *	14,731 *	11,844 *	9,665 *
26				100,423 *	72,619 *	56,387 *	30,048 *	20,066 *	14,291 *	15,171 *	11,459 *	10,013 *
27				98,290 *	68,675 *	54,912 *	29,708 *	19,020 *	14,291 *	15,628 *	11,272 *	10,360 *
28				100,423 *	64,732 *	52,480 *	29,037 *	19,020 *	14,291 *	16,084 *	10,902 *	10,360 *
29				102,556 *	63,650 *	50,129 *	28,375 *	19,020 *	14,077 *	16,553 *	10,719 *	10,360 *
30				102,556 *	62,585 *	46,926 *	27,723 *	19,020 *	13,863 *	16,553 *	10,719 *	10,719 *
31					61,520 *		27,723 *	19,020 *		16,553 *		10,719 *
Caudal Max.					245,464 *	72,619 *	45,160 *	27,723 *	18,008 *	16,552 *	16,552 *	10,719 *
Día					4	vv	1	1	1	29	1	vv
Hora					7		7	7	7	7	7	
Caudal Mín.					61,520 *	46,926 *	27,723 *	19,020 *	13,863 *	12,229 *	10,719 *	8,999 *
Día					30	30	vv	vv	29	vv	vv	vv
Hora					18	18			18			
Caudal Medio					108,783	63,529	35,511	23,110	15,674	13,435	13,897	9,883

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



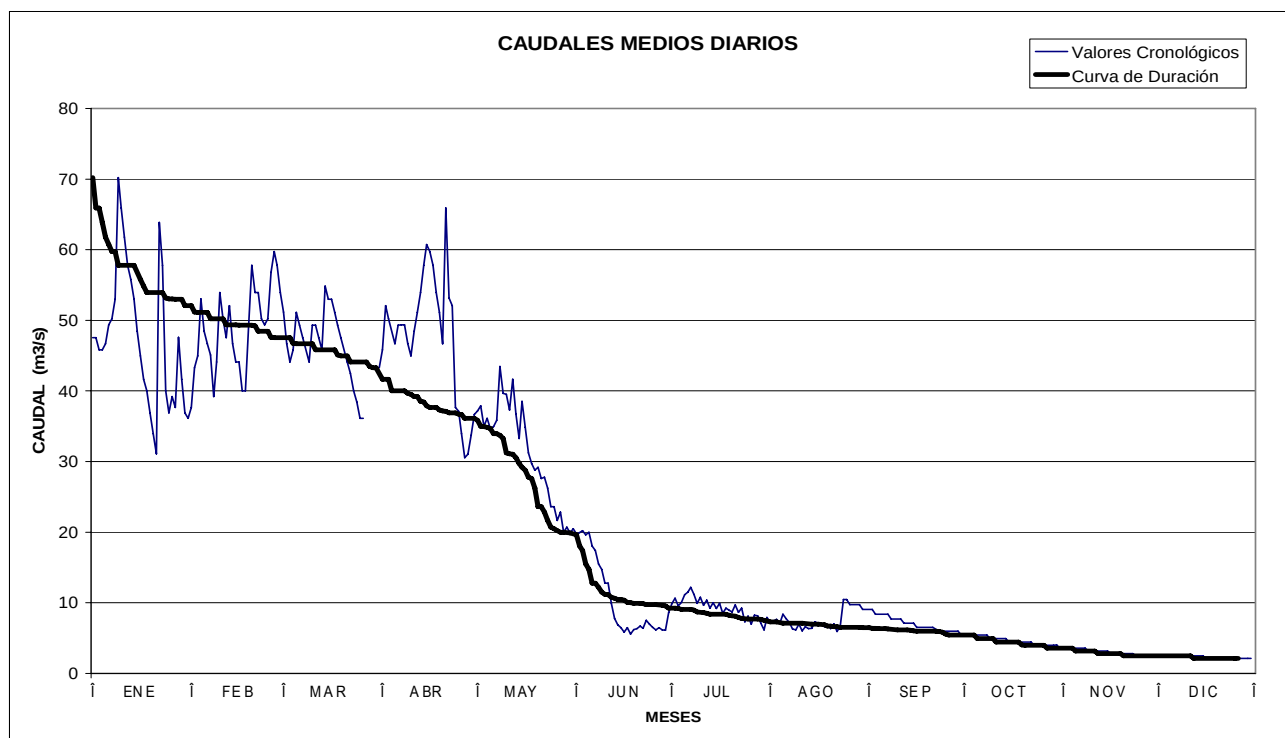
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H343	ECHEANDIA EN ECHEANDIA											Area Drenaje:382 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	47,543 *	37,658 *	53,918 *	43,271 *	36,627	20,494	8,577	7,920	9,018 *	5,410 *	3,563 *	2,456 *
2	47,543 *	43,271 *	51,146 *	45,823 *	37,149	19,747	9,853	7,275	9,018 *	5,410 *	3,563 *	2,456 *
3	45,805 *	44,954 *	46,674 *	52,052 *	37,875	19,918	10,662	7,435	9,018 *	5,410 *	3,563 *	2,456 *
4	45,805 *	52,994 *	44,103 *	50,222 *	34,978	20,197	9,522	7,612	8,344 *	5,410 *	3,563 *	2,456 *
5	46,674 *	48,430 *	45,805 *	48,430 *	36,132	19,612	10,031	7,033	8,344 *	5,410 *	3,563 *	2,456 *
6	49,335 *	46,674 *	51,128 *	46,674 *	34,647	19,973	11,124	8,376	8,344 *	5,410 *	3,563 *	2,456 *
7	50,222 *	45,063 *	49,317 *	49,317 *	34,933	18,037	11,485	7,730	8,344 *	5,410 *	3,563 *	2,456 *
8	52,976 *	39,216 *	47,543 *	49,335 *	35,842	17,384	12,157	7,182	8,344 *	5,410 *	3,563 *	2,456 *
9	70,199 *	44,103 *	45,805 *	49,335 *	43,474	15,484	11,158	6,266	7,700 *	5,410 *	3,563 *	2,456 *
10	65,902 *	53,918 *	44,103 *	46,710 *	39,628	14,707	9,916	6,162	7,700 *	4,908 *	3,169 *	2,456 *
11	61,757 *	50,222 *	49,317 *	44,954 *	39,534	12,752	10,761	6,986	7,700 *	4,908 *	3,169 *	2,456 *
12	57,763 *	47,543 *	49,317 *	48,430 *	37,322	12,785	9,608	6,014	7,700 *	4,908 *	3,169 *	2,456 *
13	55,822 *	52,052 *	47,543 *	51,128 *	41,619	9,887	10,385	6,624	7,085 *	4,908 *	3,169 *	2,456 *
14	52,994 *	46,674 *	45,805 *	53,918 *	36,703	7,793	9,210	6,316	7,085 *	4,908 *	3,169 *	2,456 *
15	48,430 *	44,103 *	54,861 *	57,763 *	33,240	6,880	9,994	6,380	7,085 *	4,908 *	3,169 *	2,456 *
16	44,954 *	44,103 *	52,976 *	60,739 *	38,521	6,487	9,181	7,296	7,085 *	4,433 *	3,169 *	2,456 *
17	41,624 *	40,012 *	52,976 *	59,741 *	34,842	5,829	9,918	7,085	6,498 *	4,433 *	2,800 *	2,138 *
18	40,012 *	40,012 *	51,128 *	57,763 *	31,224	6,446	8,530	7,089	6,498 *	4,433 *	2,800 *	2,138 *
19	36,897 *	49,199 *	49,317 *	53,918 *	29,720	5,557	9,229	6,627	6,498 *	4,433 *	2,800 *	2,138 *
20	33,923 *	57,763 *	47,543 *	51,128 *	28,766	6,206	8,944	6,915	6,498 *	4,433 *	2,800 *	2,138 *
21	31,089 *	53,918 *	45,805 *	46,681 *	29,192	6,332	8,696	6,298	6,498 *	4,433 *	2,800 *	2,138 *
22	63,848 *	53,918 *	44,103 *	65,895 *	27,619	6,680	9,690	6,995	6,498 *	4,433 *	2,800 *	2,138 *
23	57,763 *	50,222 *	42,438 *	53,142 *	27,757	6,352	8,667	5,910	6,219 *	4,433 *	2,800 *	2,138 *
24	40,012 *	49,335 *	40,012 *	52,052 *	26,202	7,475	9,217	6,682	5,940 *	3,985 *	2,800 *	2,138 *
25	36,897 *	50,222 *	38,437 *	37,658	23,604	6,948	7,291	10,454 *	5,940 *	3,985 *	2,456 *	2,138 *
26	39,216 *	56,783 *	36,136 *	37,102	23,596	6,519	8,110	10,454 *	5,940 *	3,985 *	2,456 *	2,138 *
27	37,658 *	59,741 *	36,136 *	33,923	21,650	6,171	6,972	9,721 *	5,940 *	3,985 *	2,456 *	2,138 *
28	47,561 *	57,763 *		30,540	22,822	6,447	8,202	9,721 *	5,940 *	3,985 *	2,456 *	2,138 *
29	41,624 *			31,044	19,944	6,142	8,165	9,721 *	5,940 *	3,985 *	2,456 *	2,138 *
30	36,897 *			33,686	20,686	6,091	7,085	9,721 *	5,940 *	3,985 *	2,456 *	2,138 *
31	36,136 *				19,905		6,138	9,018 *		4,028 *		2,138 *
Caudal Max.	71,293 *	60,739 *		87,687 *	45,805	21,118	12,836	15,496 *	9,018 *	5,410 *	3,563 *	2,456 *
Día	9	27		16	9	6	8	2	vv	vv	vv	vv
Hora	7	7		17	20		10	17				
Caudal Mín.	30,398 *	37,658 *		29,050	19,487	5,410	5,940	5,671	5,940 *	3,985 *	2,456 *	2,138 *
Día	20	1		28	31	19	31	23	vv	vv	vv	vv
Hora	17	7		19	22	19	16	11				
Caudal Medio	47,254	48,567	46,792	48,079	31,798	11,044	9,306	7,581	7,157	4,694	3,046	2,302

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



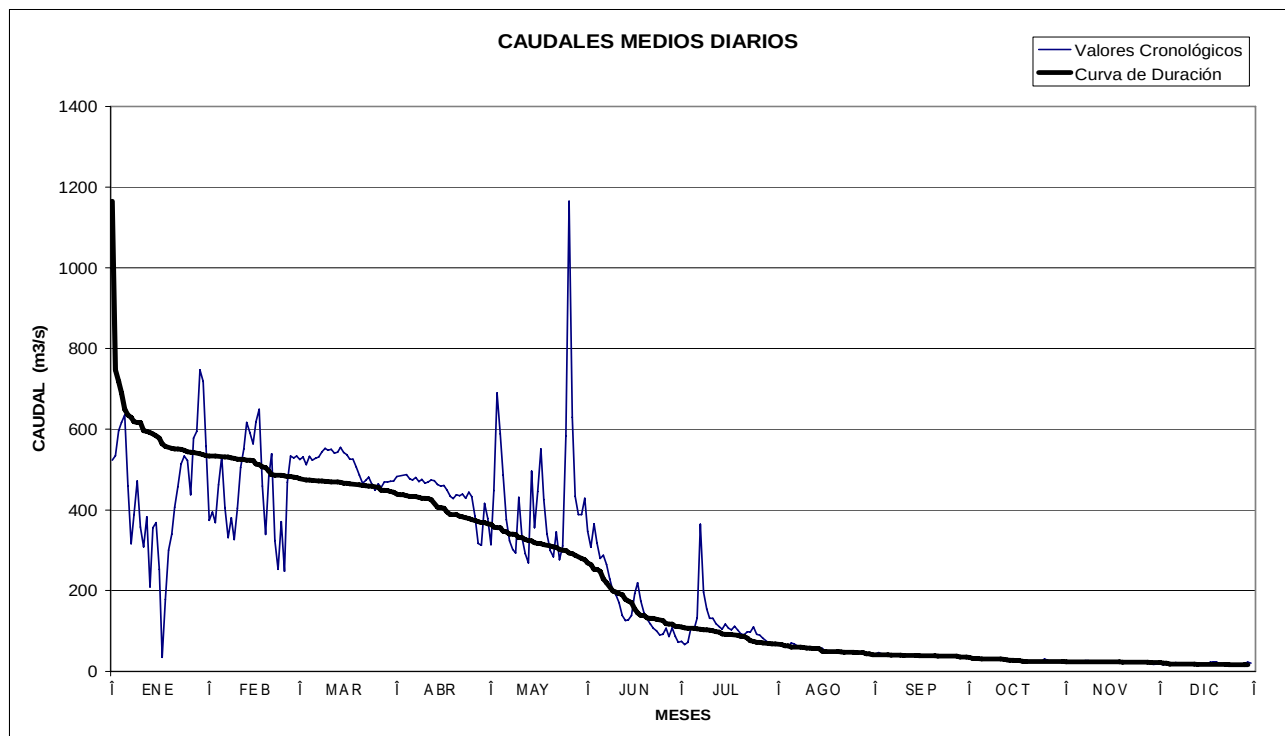
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H346	ZAPOTAL EN LECHUGAL											Area Drenaje:2980 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	523,049	374,110	533,070	471,777	379,084	428,914	71,769	67,592 *	40,601 *	37,585 *	24,016 *	18,055 *
2	534,163	394,858	524,942	482,719	313,344	347,270	74,409	66,511 *	43,748 *	35,116 *	23,665 *	17,437 *
3	595,826	368,779	531,339	484,094	447,675	307,808	66,256	62,830 *	46,457 *	35,116 *	24,016 *	16,829 *
4	617,186	461,892	512,301	485,564	690,142	365,426	72,087	60,179 *	43,748 *	32,250 *	23,665 *	17,131 *
5	634,960	531,716	532,550	487,454	588,034	318,244	105,314 *	59,664 *	41,039 *	31,459 *	23,319 *	17,131 *
6	459,687	405,659	523,395	477,495	485,720	280,061	102,712 *	70,328 *	41,039 *	31,459 *	22,972 *	16,829 *
7	316,493	331,682	528,269	474,585	375,792	287,510	131,850 *	67,596 *	41,039 *	31,066 *	23,319 *	22,288 *
8	388,394	380,095	531,479	480,064	323,416	264,539	365,038 *	62,830 *	40,164 *	31,066 *	26,245 *	17,149 *
9	471,976	326,628	543,619	470,348	301,486	228,430	196,737 *	59,664 *	40,164 *	31,066 *	27,019 *	18,366 *
10	357,118	404,135	552,320	475,923	292,650	199,331	154,561 *	59,664 *	39,730 *	30,677 *	23,665 *	17,744 *
11	307,898	504,543	548,171	465,894	431,231	189,615	131,375 *	58,127 *	39,296 *	30,288 *	24,367 *	16,829 *
12	383,086	550,753	549,831	468,837	331,622	170,260	131,375 *	58,127 *	39,296 *	30,288 *	23,665 *	17,131 *
13	209,199	617,056	540,464	474,043	292,096	139,014	118,044 *	56,106 *	39,296 *	29,519 *	23,319 *	17,131 *
14	355,752	591,811	543,069	472,288	269,030	125,379	110,639 *	57,113 *	38,437 *	25,078 *	22,972 *	17,131 *
15	368,828	563,709	554,602	462,921	495,941	126,859	104,660 *	58,638 *	38,011 *	24,722 *	24,016 *	17,437 *
16	253,139	618,149	542,056	459,057	356,270	139,042	117,008 *	56,610 *	38,437 *	28,465 *	23,319 *	17,131 *
17	34,531	649,254	536,653	460,560	445,790	192,532	106,625 *	50,224 *	38,437 *	24,722 *	23,319 *	17,749 *
18	178,162	458,608	525,446	448,682	550,979	219,783	102,712 *	49,271 *	38,437 *	24,722 *	22,977 *	22,972 *
19	300,546	339,439	525,275	433,461	425,704	174,173	112,038 *	48,798 *	38,866 *	24,367 *	22,972 *	23,319 *
20	340,185	482,461	506,450	428,022	339,717	144,612	102,065 *	48,325 *	39,296 *	27,298 *	23,665 *	23,665 *
21	406,717	539,346	485,599	437,358	299,792	129,090	91,977 *	49,275 *	39,730 *	24,367 *	23,665 *	18,055 *
22	457,277	323,628	466,677	434,942	283,539	117,357	90,732 *	48,325 *	38,866 *	24,367 *	23,665 *	17,131 *
23	514,211	253,121	473,161	438,961	345,240	106,718	98,350 *	47,856 *	39,296 *	24,016 *	23,665 *	16,829 *
24	533,746	371,456	481,351	428,648	276,770	100,765	97,014 *	47,387 *	38,011 *	23,665 *	22,972 *	16,229 *
25	522,304	248,414	464,120	444,007	310,544	89,639	110,016 *	46,922 *	38,011 *	24,016 *	22,972 *	16,229 *
26	437,634	468,493	448,577	433,029	583,972	91,758	91,963 *	47,387 *	37,585 *	30,292 *	22,288 *	16,829 *
27	578,496	533,759	464,772	384,581	1165,040	106,681	89,507 *	46,922 *	37,585 *	27,298 *	22,288 *	17,446 *
28	595,129	528,711	455,873	317,319	629,829	86,499	81,720 *	46,457 *	35,116 *	24,016 *	22,288 *	17,131 *
29	746,683		469,208	312,339	433,684	107,973	75,422 *	46,457 *	37,585 *	23,665 *	18,366 *	20,016 *
30	718,528		469,668	416,368	387,905	85,636	69,776 *	41,039 *		23,665 *	17,131 *	22,977 *
31	557,639		471,111		387,882		68,680 *	41,039 *		22,972 *		20,327 *
Caudal Max.	759,240	668,559	564,103	491,967	1335,948	507,074	443,007 *	70,879 *		37,585 *	31,066 *	23,665 *
Día	29	17	15	4	27	1	8	6		1	9	19
Hora	12	1	11	21	4	1	7	17		7	7	17
Caudal Mín.	18,366	160,599	445,404	285,077	215,560	77,650	12,027	41,039 *		22,972 *	17,131 *	15,932 *
Día	17	22	26	29	25	30	4	vv		31	30	24
Hora	3	16	6	17	13	23	12			17	7	17
Caudal Medio	441,888	450,795	510,820	447,045	427,094	189,031	111,046	54,428	39,563	28,022	23,193	18,344

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

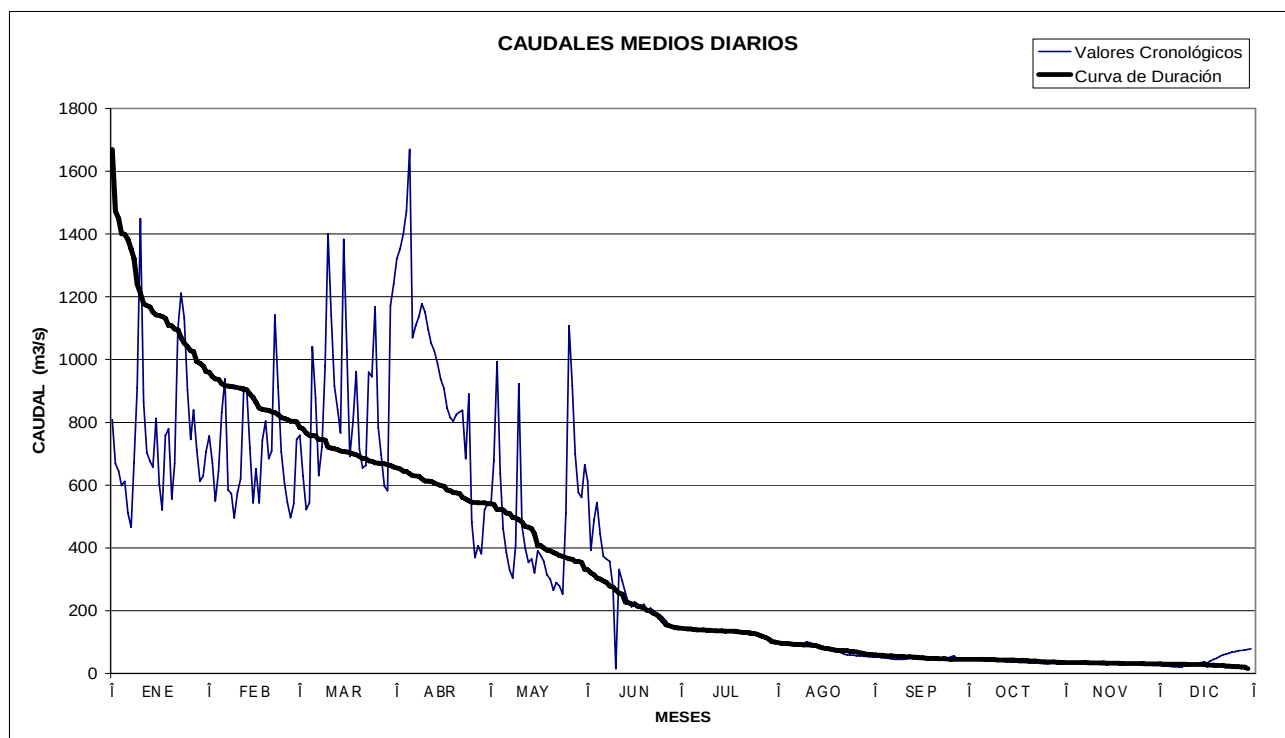


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H347	QUEVEDO EN QUEVEDO											Area Drenaje:3507 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	808,618	756,784	744,830	1239,841 *	539,579	664,951	145,321 *	99,782 *	52,228 *	42,809 *	35,301 *	25,367 *
2	667,708	670,024	758,545	1321,210 *	538,460	612,336	141,294 *	94,789 *	51,001 *	45,073 *	34,793 *	24,932 *
3	644,713	549,115	628,314	1351,974 *	676,766	392,550	143,300 *	89,894 *	51,001 *	43,930 *	33,786 *	23,235 *
4	598,606	643,295	521,424	1398,810 *	992,581	488,591	142,297 *	89,894 *	49,787 *	42,802 *	33,286 *	22,408 *
5	611,246	830,336	543,790	1472,009 *	636,532	544,558	144,311 *	92,317 *	49,187 *	42,245 *	32,793 *	22,001 *
6	510,698	937,852	1040,716	1669,348 *	460,541	443,921	141,294 *	93,134 *	47,994 *	41,137 *	31,815 *	21,595 *
7	465,689	584,009	879,365	1069,581 *	385,430	373,546	139,301 *	88,294 *	46,238 *	39,509 *	31,329 *	20,797 *
8	670,699	572,360	629,445	1108,871 *	330,463	363,400	138,311 *	89,090 *	44,502 *	41,687 *	32,300 *	20,405 *
9	910,501	495,584	720,043	1137,344 *	303,626	356,032	137,322 *	91,507 *	43,930 *	42,245 *	32,307 *	20,014 *
10	1448,775	575,278	979,348	1177,756 *	406,291	274,687	135,356 *	95,627 *	45,073 *	41,695 *	30,372 *	27,587 *
11	863,148	619,648	1401,575	1151,698 *	922,578	15,120	138,311 *	100,627 *	45,073 *	39,501 *	29,429 *	28,965 *
12	703,802	911,910	1139,813	1094,885 *	468,146	330,998 *	138,311 *	97,262 *	46,230 *	38,430 *	29,429 *	29,900 *
13	676,064	904,647	915,628	1052,912 *	399,957	294,580 *	137,322 *	94,775 *	47,402 *	37,372 *	28,501 *	30,372 *
14	657,284	717,899	841,187	1028,196 *	353,762	255,654 *	134,380 *	92,317 *	46,816 *	36,329 *	28,044 *	32,300 *
15	813,179	543,531	765,836	987,504 *	364,336	224,646 *	135,356 *	89,894 *	45,652 *	35,815 *	27,587 *	34,793 *
16	602,547	650,645	1383,356	937,113 *	319,706	211,058 *	133,404 *	84,354 *	45,073 *	35,301 *	30,372 *	35,815 *
17	520,764	543,678	1026,327	908,488 *	389,954	227,136 *	136,339 *	81,267 *	45,073 *	36,329 *	28,965 *	32,937 *
18	757,650	742,831	691,335	844,849 *	375,453	220,881 *	135,363 *	78,989 *	43,930 *	34,793 *	30,372 *	40,044 *
19	778,976	802,794	801,441	815,057 *	356,767	213,494 *	132,435 *	73,066 *	43,930 *	34,286 *	29,429 *	44,502 *
20	555,448	684,596	961,613	802,798 *	313,781	219,748 *	130,504 *	71,619 *	43,366 *	33,786 *	30,850 *	47,994 *
21	668,619	708,046	715,069	824,930 *	300,227	197,965 *	131,466 *	69,482 *	42,802 *	32,793 *	31,329 *	53,478 *
22	1097,310	1141,776	654,370	832,367 *	264,915	207,429 *	127,632 *	65,291 *	42,802 *	32,300 *	30,562 *	58,580 *
23	1211,249	914,184	662,376	837,344 *	289,458	200,271 *	133,404 *	61,226 *	41,687 *	33,286 *	29,900 *	61,219 *
24	1131,580	705,630	959,028	683,992 *	278,430	190,929 *	134,380 *	58,580 *		32,300 *	28,965 *	63,922 *
25	902,925	606,599	945,021	890,409 *	252,496	187,449 *	130,504 *	57,931 *	43,380 *	31,815 *	28,044 *	67,365 *
26	745,589	545,599	1167,271	482,176 *	509,671	178,426 *	127,632 *	57,282 *	52,850 *	30,850 *	27,587 *	68,769 *
27	839,485	496,085	783,328	368,836	1107,243	166,283 *	124,793 *	55,997 *	55,362 *	30,562 *	26,688 *	71,619 *
28	712,990	539,762	696,265	405,969	916,265	154,583 *	121,055 *	55,362 *	48,594 *	31,815 *	26,245 *	73,066 *
29	612,490		595,924	380,650	698,659	151,464 *	116,457 *	54,727 *	43,938 *	32,793 *	25,803 *	74,526 *
30	628,848		582,277	521,377	575,588	148,379 *	113,743 *	53,471 *	44,502 *	33,786 *	25,367 *	76,000 *
31	706,642		1171,963 *		560,524		107,531 *	52,850 *		34,286 *		78,235 *
Caudal Max.	1691,261	1207,007	1478,449	1723,320 *	1211,761	823,302	145,321 *	100,627 *		45,073 *	35,300 *	78,235 *
Día	10	22	11	6	11	1	1	11		2	1	31
Hora	9	6	11	16	1	1	8	8		18	16	16
Caudal Mín.	436,962	440,678	509,985	332,468	232,189	13,621	105,779 *	52,228 *		30,372 *	24,932 *	20,014 *
Día	7	10	4	29	22	11	31	31		27	30	9
Hora	6	8	9	21	11	2	16	16		8	8	8
Caudal Medio	758,833	692,660	848,607	959,943	493,167	283,702	133,175	78,410	46,531	36,828	30,052	42,992

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



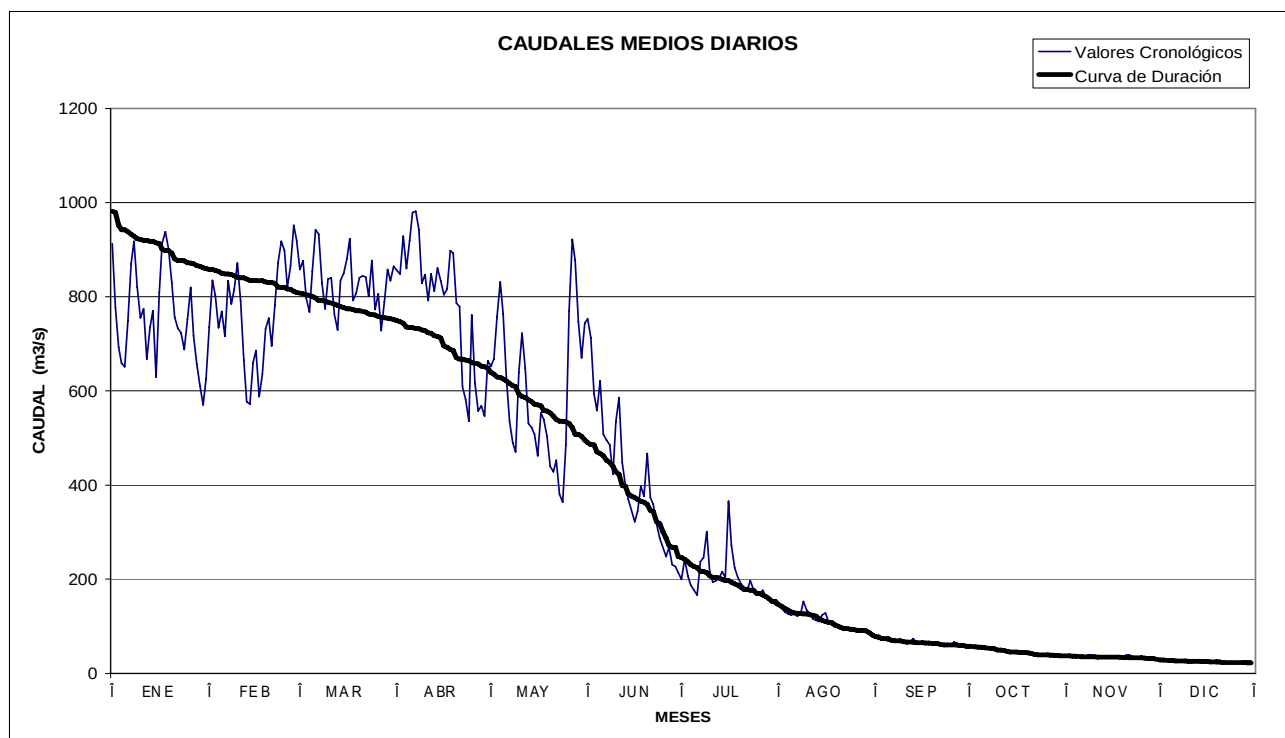
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H348	VINCES EN VINCES-DCP												Area Drenaje:4400 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	913,265 *	735,621 *	920,085 *	864,273 *	664,260 *	743,210 *	214,167 *	145,717 *	76,536 *	57,433 *	34,727 *	29,723 *	
2	776,831 *	835,014 *	857,565 *	856,226 *	652,572 *	752,857 *	199,313 *	142,455 *	77,753 *	58,835 *	34,455 *	28,470 *	
3	692,853 *	802,608 *	876,337 *	848,293 *	667,836 *	712,147 *	241,992 *	137,631 *	81,005 *	56,393 *	34,182 *	26,997 *	
4	658,341 *	734,209 *	797,265 *	928,320 *	757,945 *	593,259 *	207,495 *	130,283 *	73,760 *	53,660 *	34,182 *	26,756 *	
5	651,367 *	769,205 *	767,912 *	860,226 *	831,114 *	557,991 *	187,650 *	126,167 *	70,642 *	55,704 *	34,182 *	26,038 *	
6	749,099 *	715,732 *	854,105 *	920,085 *	763,009 *	621,468 *	176,689 *	123,630 *	69,109 *	56,742 *	34,182 *	25,564 *	
7	869,918 *	833,726 *	942,375 *	978,934 *	628,524 *	507,669 *	166,646 *	126,685 *	69,113 *	52,989 *	34,182 *	25,564 *	
8	917,302 *	784,432 *	932,547 *	981,790 *	535,781 *	495,188 *	237,107 *	121,626 *	73,760 *	51,987 *	35,278 *	25,564 *	
9	820,832 *	815,617 *	829,975 *	942,318 *	490,240 *	485,071 *	246,114 *	126,179 *	69,492 *	53,336 *	39,241 *	24,862 *	
10	755,325 *	870,993 *	774,242 *	828,446 *	470,060 *	422,776 *	300,568 *	152,419 *	66,092 *	55,360 *	38,948 *	23,941 *	
11	774,258 *	790,864 *	837,659 *	846,956 *	638,904 *	534,183 *	216,905 *	133,928 *	64,608 *	49,362 *	36,107 *	22,812 *	
12	667,836 *	685,512 *	840,372 *	792,353 *	722,309 *	586,146 *	193,247 *	127,719 *	63,140 *	48,395 *	33,912 *	22,368 *	
13	734,619 *	576,670 *	761,702 *	848,232 *	648,339 *	447,583 *	197,351 *	116,172 *	66,852 *	49,040 *	32,840 *	23,036 *	
14	770,479 *	571,359 *	729,240 *	811,482 *	530,552 *	398,556 *	202,856 *	112,284 *	73,381 *	46,808 *	32,576 *	23,260 *	
15	629,515 *	659,521 *	835,125 *	861,568 *	522,044 *	369,774 *	215,574 *	109,884 *	66,465 *	44,928 *	35,001 *	23,036 *	
16	809,099 *	685,584 *	849,559 *	833,726 *	507,514 *	345,471 *	203,518 *	124,650 *	65,348 *	44,618 *	33,642 *	23,036 *	
17	914,527 *	587,668 *	880,527 *	803,758 *	462,141 *	322,015 *	365,446 *	128,227 *	64,239 *	44,928 *	33,374 *	23,268 *	
18	938,069 *	635,177 *	922,876 *	816,733 *	552,818 *	343,898 *	271,451 *	107,515 *	65,348 *	45,549 *	32,840 *	23,715 *	
19	900,790 *	731,854 *	792,205 *	898,039 *	538,896 *	397,653 *	224,388 *	102,381 *	62,777 *	44,311 *	32,046 *	26,281 *	
20	829,865 *	754,168 *	807,586 *	892,595 *	503,697 *	376,845 *	203,518 *	107,511 *	60,610 *	44,003 *	33,106 *	28,470 *	
21	756,583 *	695,128 *	840,287 *	786,480 *	439,839 *	467,230 *	190,129 *	100,545 *	60,610 *	43,393 *	38,083 *	27,728 *	
22	732,935 *	781,945 *	844,262 *	778,545 *	428,332 *	373,392 *	182,733 *	96,922 *	60,610 *	42,185 *	39,235 *	26,040 *	
23	723,100 *	872,374 *	841,773 *	608,898 *	452,351 *	359,266 *	177,915 *	95,134 *	60,254 *	40,108 *	36,107 *	23,941 *	
24	687,958 *	917,259 *	800,578 *	581,089 *	380,580 *	317,932 *	197,402 *	95,140 *	60,969 *	38,944 *	34,182 *	23,036 *	
25	751,696 *	898,090 *	876,533 *	535,793 *	363,633 *	287,558 *	177,891 *	89,868 *	63,507 *	38,081 *	35,276 *	22,368 *	
26	819,284 *	819,550 *	772,996 *	760,971 *	485,443 *	267,668 *	169,553 *	93,807 *	60,613 *	37,512 *	35,001 *	22,814 *	
27	717,282 *	865,973 *	806,308 *	615,968 *	770,479 *	247,717 *	168,975 *	93,803 *	66,092 *	36,947 *	33,644 *	23,941 *	
28	657,145 *	952,095 *	728,003 *	557,126 *	921,480 *	267,714 *	176,121 *	91,606 *	64,241 *	36,947 *	32,840 *	24,862 *	
29	611,198 *		788,346 *	567,886 *	876,533 *	230,675 *	162,580 *	90,734 *	58,835 *	37,797 *	31,784 *	25,801 *	
30	570,066 *		857,555 *	546,326 *	747,032 *	227,154 *	158,001 *	90,734 *	57,781 *	36,949 *	30,745 *	25,801 *	
31	625,022 *		833,712 *		670,087 *		152,931 *	85,662 *		35,552 *		26,277 *	
Caudal Max.	945,042 *	964,740 *	964,740 *	987,496 *	939,451 *	776,779 *	376,843 *	159,122 *	82,240 *	59,188 *	40,400 *	29,976 *	
Día	18	28	7	8	28	1	17	10	3	2	9	1	
Hora	7	18	18	7	18	18	18	7	7	7	18	7	
Caudal Mín.	566,792 *	549,511 *	678,380 *	485,038 *	357,511 *	223,686 *	149,014 *	80,589 *	57,781 *	35,276 *	30,487 *	22,368 *	
Día	30	14	24	25	25	30	31	31	30	31	30	vv	
Hora	7	7	18	18	7	18	18	18	18	18	18		
Caudal Medio	755,692	762,784	832,246	791,781	600,785	435,336	206,007	113,775	66,451	46,413	34,530	25,012	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



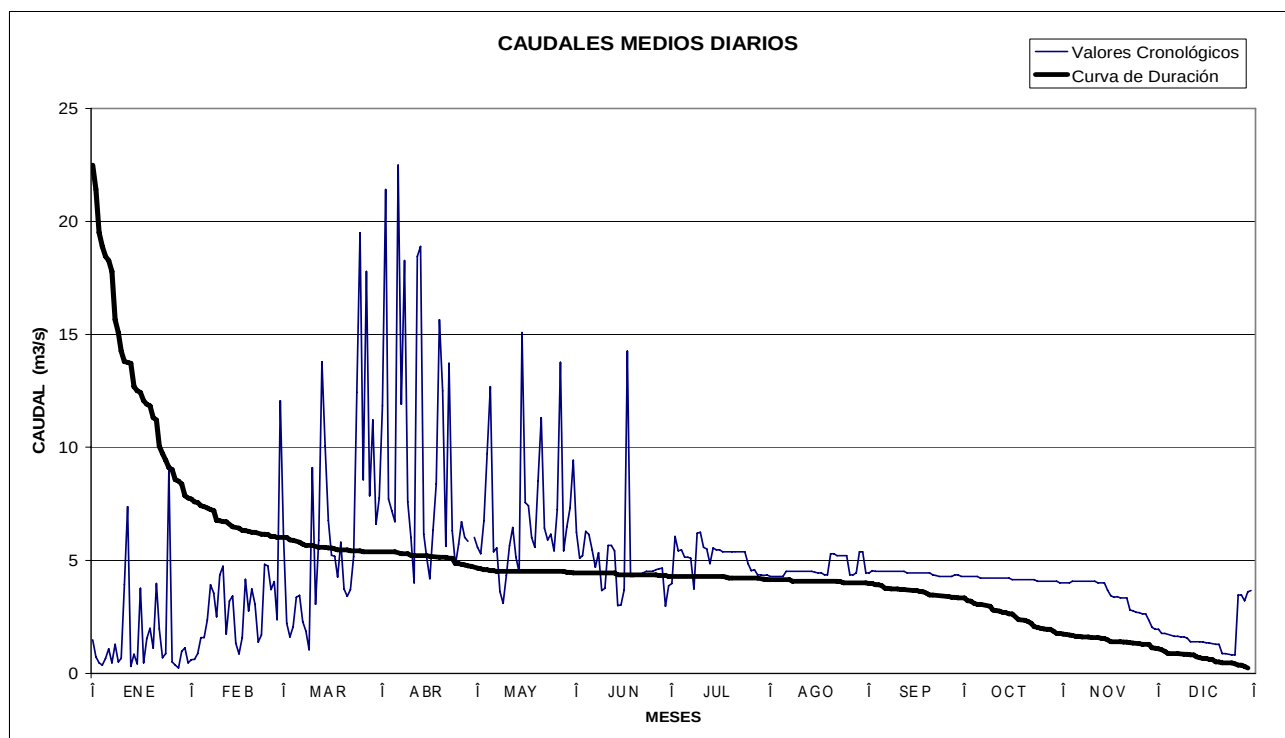
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H359	PAJAN EN AGUA FRIA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1,482	0,606	12,069	7,750 *	6,012 *	9,435 *	3,869 *	4,363 *	4,437 *	4,290 *	4,004 *	1,957 *
2	0,727	0,610	6,064	11,832 *	5,583 *	6,237 *	3,970 *	4,290 *	4,437 *	4,290 *	4,004 *	1,957 *
3	0,467	0,876	2,220	21,410 *	5,295 *	5,091 *	6,056 *	4,290 *	4,549 *	4,290 *	4,004 *	1,773 *
4	0,365	1,576	1,606	7,718 *	6,750 *	5,212 *	5,417 *	4,290 *	4,511 *	4,290 *	4,004 *	1,773 *
5	0,670	1,573	2,055	7,198 *	9,733 *	6,278 *	5,458 *	4,290 *	4,511 *	4,290 *	4,075 *	1,729 *
6	1,088	2,360	3,365	6,707 *	12,696 *	6,148 *	5,131 *	4,290 *	4,511 *	4,290 *	4,075 *	1,685 *
7	0,456	3,922	3,455	22,486 *	5,378 *	5,458 *	5,131 *	4,511 *	4,511 *	4,218 *	4,075 *	1,642 *
8	1,277	3,550	2,299	11,906 *	5,545 *	4,707 *	5,091 *	4,511 *	4,511 *	4,218 *	4,075 *	1,642 *
9	0,495	2,509	1,855	18,263 *	3,630 *	5,334 *	3,730 *	4,511 *	4,511 *	4,218 *	4,075 *	1,599 *
10	0,658	4,351	1,043	7,589 *	3,089 *	3,663 *	6,189 *	4,511 *	4,511 *	4,218 *	4,075 *	1,599 *
11	3,918	4,736	9,103 *	6,019 *	4,327 *	3,764 *	6,233 *	4,511 *	4,511 *	4,218 *	4,075 *	1,557 *
12	7,379	1,746	3,059 *	4,005 *	5,668 *	5,668 *	5,583 *	4,511 *	4,511 *	4,218 *	4,075 *	1,395 *
13	0,310	3,199	5,887 *	18,445 *	6,459 *	5,668 *	5,500 *	4,511 *	4,511 *	4,218 *	4,004 *	1,395 *
14	0,847	3,424	13,790 *	18,883 *	5,131 *	5,417 *	4,855 *	4,511 *	4,437 *	4,218 *	4,004 *	1,395 *
15	0,419	1,326	10,058 *	6,155 *	4,476 *	2,999 *	5,541 *	4,511 *	4,437 *	4,218 *	4,004 *	1,395 *
16	3,758	0,861	6,762 *	5,148 *	15,080 *	3,029 *	5,458 *	4,474 *	4,437 *	4,218 *	3,671 *	1,376 *
17	0,456	1,585	5,224 *	4,186 *	7,560 *	3,696 *	5,458 *	4,437 *	4,437 *	4,146 *	3,433 *	1,356 *
18	1,533	4,158	5,176 *	6,323 *	7,408 *	14,262 *	5,375 *	4,437 *	4,437 *	4,146 *	3,369 *	1,337 *
19	1,989	2,753	4,254 *	8,383 *	6,017 *	4,290 *	5,375 *	4,363 *	4,437 *	4,146 *	3,401 *	1,318 *
20	1,110	3,728	5,799 *	15,647 *	5,583 *	4,290 *	5,375 *	4,363 *	4,437 *	4,146 *	3,338 *	1,280 *
21	3,972	3,049	3,731 *	12,496 *	8,513 *	4,363 *	5,375 *	5,293 *	4,437 *	4,146 *	3,338 *	1,280 *
22	1,962	1,375	3,407 *	5,628 *	11,316 *	4,363 *	5,375 *	5,293 *	4,363 *	4,146 *	3,338 *	0,874 *
23	0,680	1,689	3,703 *	13,726 *	6,423 *	4,437 *	5,375 *	5,212 *	4,327 *	4,146 *	2,794 *	0,874 *
24	0,865	4,830	5,172 *	6,304 *	5,899 *	4,511 *	5,375 *	5,212 *	4,290 *	4,146 *	2,765 *	0,844 *
25	9,026	4,745	12,431 *	4,796 *	6,160 *	4,511 *	5,375 *	5,212 *	4,290 *	4,075 *	2,709 *	0,815 *
26	0,499	3,708	19,495 *	5,713 *	5,417 *	4,511 *	4,855 *	5,212 *	4,290 *	4,075 *	2,680 *	0,815 *
27	0,362	4,065	8,561 *	6,711 *	7,254 *	4,586 *	4,549 *	4,363 *	4,290 *	4,075 *	2,625 *	3,466 *
28	0,238	2,375	17,785 *	6,019 *	13,763 *	4,624 *	4,586 *	4,363 *	4,290 *	4,075 *	2,625 *	3,466 *
29	0,973		7,860 *	5,848 *	5,417 *	4,662 *	4,363 *	4,437 *	4,363 *	4,075 *	2,339 *	3,218 *
30	1,121		11,210 *		6,484 *	2,969 *	4,363 *	5,375 *	4,363 *	4,075 *	2,029 *	3,596 *
31	0,457		6,599 *		7,319 *		4,327 *	5,375 *		4,075 *		3,663 *
Caudal Max.	21,735	16,767	30,112 *		22,997 *	14,262 *	6,233 *	5,375 *	4,586 *	4,290 *	4,075 *	3,663 *
Día	12	18	28		16	18	10	vv	3	vv	vv	31
Hora	9	13	18		18	7	18		7			7
Caudal Mín.	0,052	0,400	0,844		3,089 *	2,969 *	3,663 *	4,290 *	4,290 *	4,075 *	2,004 *	0,815 *
Día	13	3	10		10	15	1	vv	vv	vv	30	vv
Hora	17	10	6		7	7	18				7	
Caudal Medio	1,599	2,689	6,616	9,769	6,948	5,139	5,120	4,640	4,430	4,181	3,503	1,744

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

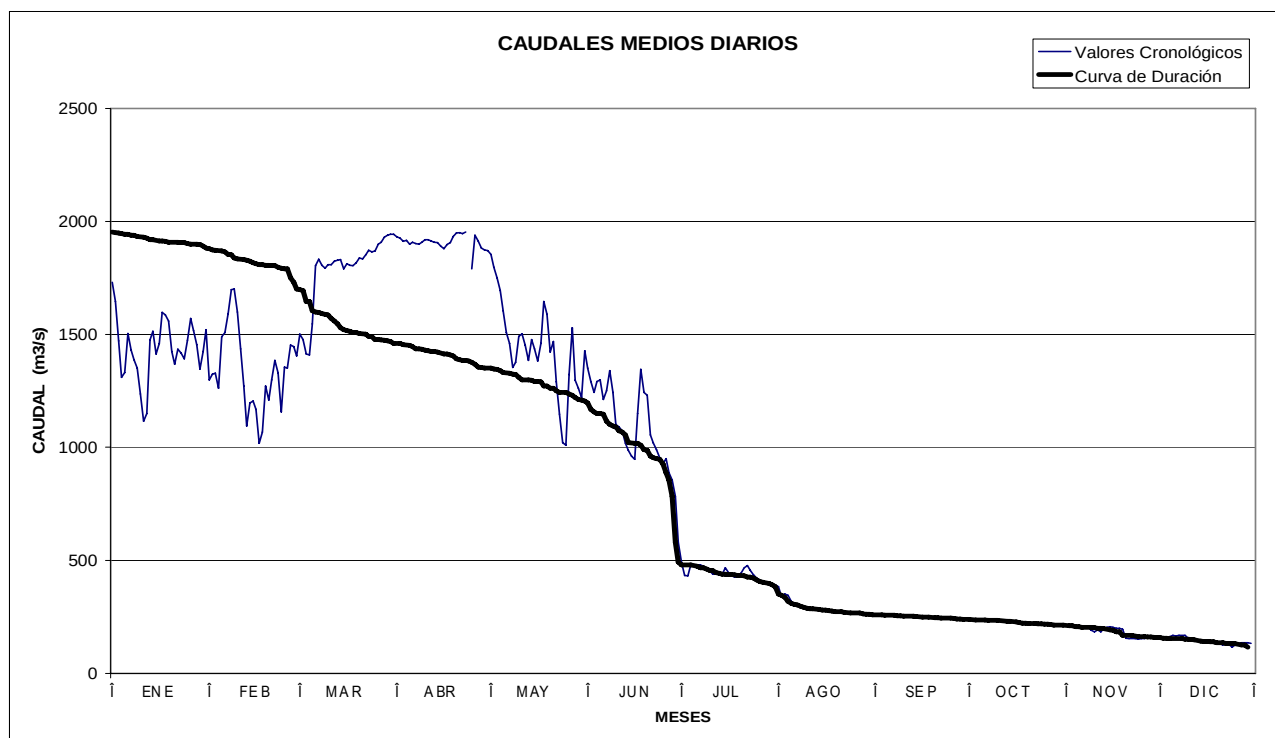


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H365	DAULE EN LA CAPILLA												Area Drenaje:8690 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	1731,269	* 1297,803	* 1403,742	* 1942,968	* 1870,696	* 1427,561	* 580,108	391,746	261,195	237,026	212,907	161,308	
2	1645,083	* 1323,698	* 1501,080	* 1931,126	* 1854,063	* 1351,035	* 491,882	383,267	257,644	237,960	212,025	161,660	
3	1470,868	* 1328,064	* 1476,867	* 1926,057	* 1796,316	* 1292,082	* 433,730	337,193	258,723	238,989	211,224	158,137	
4	1310,813	* 1261,473	* 1414,133	* 1910,944	* 1750,695	* 1243,983	* 431,669	351,420	258,723	235,983	212,643	159,308	
5	1331,141	* 1490,451	* 1409,639	* 1915,942	* 1694,340	* 1292,058	* 480,039	345,213	258,723	235,613	209,976	163,254	
6	1504,209	* 1507,159	* 1547,214	* 1899,131	* 1604,265	* 1297,773	* 479,197	318,347	258,705	234,668	205,716	166,897	
7	1430,510	* 1591,996	* 1804,653	* 1907,527	* 1508,687	* 1211,973	* 478,989	309,440	252,989	235,307	202,136	164,592	
8	1387,574	* 1697,546	* 1832,522	* 1902,488	* 1460,291	* 1249,838	* 480,240	305,365	254,394	238,363	204,398	167,300	
9	1351,108	* 1700,734	* 1806,156	* 1899,131	* 1353,941	* 1339,810	* 474,060	302,995	248,911	236,770	203,855	167,821	
10	1235,901	* 1599,880	* 1793,035	* 1907,527	* 1376,210	* 1242,841	* 460,732	296,561	251,910	233,902	191,351	168,168	
11	1115,193	* 1436,519	* 1807,798	* 1919,310	* 1491,954	* 1101,857	* 453,351	292,693	253,588	234,697	183,527	155,048	
12	1149,270	* 1271,004	* 1807,836	* 1919,310	* 1502,572	* 1089,853	* 439,043	289,221	257,476	233,307	191,680	148,686	
13	1475,667	* 1095,259	* 1824,269	* 1914,257	* 1451,361	* 1072,706	* 438,978	285,656	257,969	233,954	183,251	151,190	
14	1513,249	* 1196,696	* 1829,233	* 1907,527	* 1384,606	* 1017,976	* 436,706	285,779	257,285	232,085	196,986	148,010	
15	1414,133	* 1205,009	* 1830,880	* 1905,846	* 1476,867	* 987,262	* 437,216	283,525	253,645	230,478	203,736	145,446	
16	1459,709	* 1168,656	* 1789,781	* 1890,763	* 1436,466	* 960,718	* 466,565	283,102	250,519	230,332	205,924	140,736	
17	1596,524	* 1018,092	* 1812,751	* 1879,040	* 1381,673	* 946,953	* 445,395	280,208	252,645	229,756	204,518	142,278	
18	1585,556	* 1067,925	* 1806,156	* 1897,452	* 1459,825	* 1150,244	* 432,332	279,178	251,460	227,208	199,094	140,447	
19	1559,321	* 1270,968	* 1804,513	* 1905,846	* 1645,094	* 1345,284	* 425,666	273,297	247,124	223,907	200,137	141,054	
20	1424,542	* 1209,134	* 1817,684	* 1932,819	* 1588,667	* 1244,157	* 425,372	276,252	246,580	221,544	194,474	140,419	
21	1367,064	* 1299,208	* 1837,478	* 1948,054	* 1421,678	* 1229,887	* 442,412	277,438	248,649	218,563	155,019	130,658	
22	1434,965	* 1384,601	* 1834,170	* 1949,750	* 1467,804	* 1055,627	* 466,805	273,297	248,813	219,592	154,045	126,131	
23	1418,543	* 1329,331	* 1852,406	* 1946,359	* 1289,809	* 1019,257	* 477,145	272,411	246,023	219,223	154,167	132,546	
24	1391,991	* 1156,217	* 1872,364	* 1953,145	* 1146,285	* 989,299	* 455,572	269,050	244,491	218,291	153,824	128,687	
25	1474,029	* 1355,438	* 1865,699		1020,727	* 954,448	434,980	269,465	240,963	220,101	151,978	115,362	
26	1570,337	* 1351,071	* 1869,034	* 1789,539	* 1010,353	* 928,009	421,768	266,854	244,539	221,507	153,642	124,897	
27	1516,365	* 1453,033	* 1899,131	* 1939,582	* 1322,427	* 950,270	412,631	267,502	244,697	219,681	154,146	131,544	
28	1454,304	* 1445,335	* 1907,527	* 1914,259	* 1529,151	* 888,413	406,359	267,427	243,086	218,119	158,280	136,042	
29	1346,672		1929,434	* 1882,393	* 1296,404	* 854,935	404,051	267,427	244,222	215,890	161,562	136,040	
30	1424,522		1939,581	* 1874,032	* 1262,298	* 782,608	400,713	263,060	241,195	213,985	162,120	135,213	
31	1521,869		1942,968		1220,239		396,655	261,937		213,576		133,553	
Caudal Max.	1731,269	* 1708,745	* 1942,968		1872,364	* 1457,290	* 632,532	393,177	261,611	240,287	214,389	179,767	
Día	1	8	31		1	1	1	1	1	3	4	10	
Hora	6	17	6		6	17	1	2	5	9	3	2	
Caudal Mín.	1100,468	* 993,623	* 1394,886		988,530	* 668,742	394,899	261,611	237,502	210,415	148,904	114,361	
Día	11	17	1		26	30	31	31	30	31	25	25	
Hora	17	17	6		6	22	12	5	16	17	22	10	
Caudal Medio	1439,106	1339,725	1769,991	1910,763	1454,057	1117,290	448,721	294,397	251,230	227,754	186,278	145,885	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

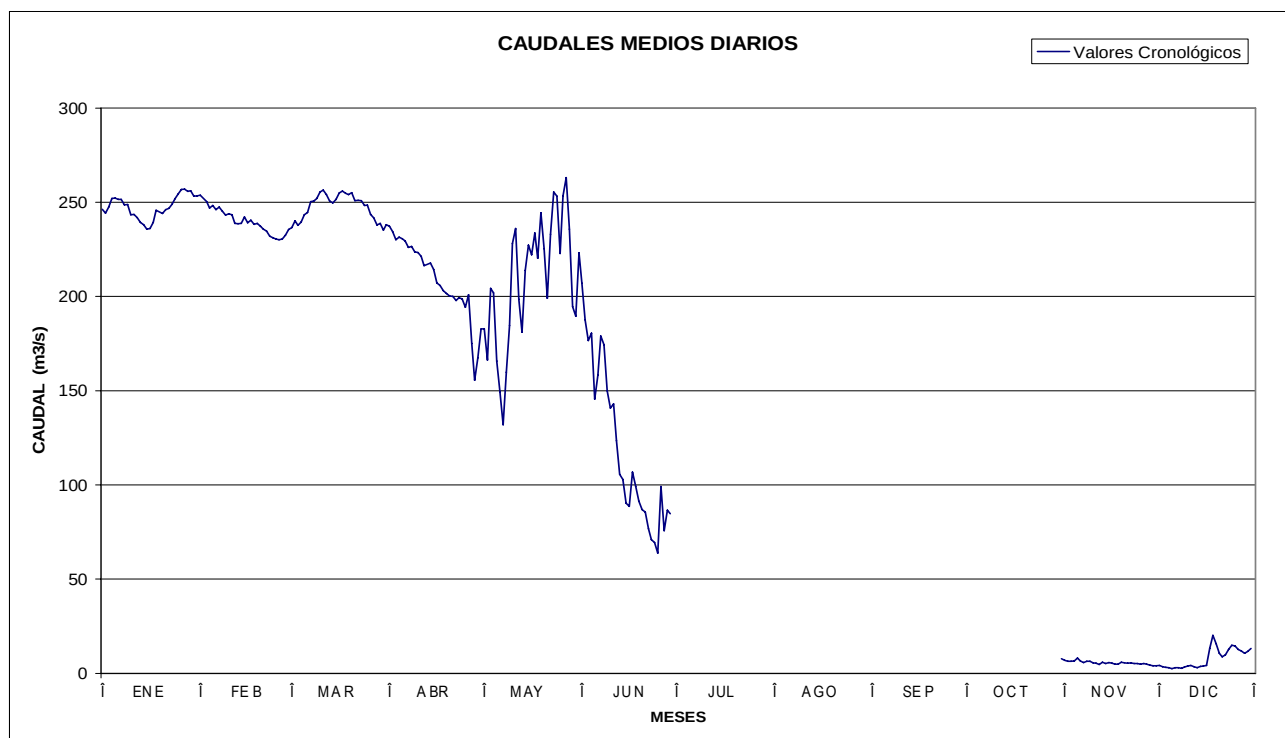


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H371	SAN PABLO EN PALMAR											Area Drenaje:1387 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	246,292	253,801	235,660	238,082	182,796	223,181					7,630 *	4,035 *
2	244,235	252,114	236,681	237,335	182,856	207,055					6,979 *	4,102 *
3	247,357	250,385	240,077	234,332	166,246	187,609					6,352 *	3,423 *
4	252,091	246,941	237,812	229,999	204,269	176,724					6,431 *	3,130 *
5	252,221	248,245	239,415	231,477	201,873	180,609					6,584 *	2,905 *
6	251,530	246,128	243,428	230,652	165,717	145,632					8,136 *	2,528 *
7	251,552	247,404	244,531	229,427	149,478	158,214					6,507 *	3,020 *
8	248,659	245,303	250,286	226,057	131,971	179,041					5,825 *	3,017 *
9	248,803	243,245	250,733	226,562	159,720	174,371					6,353 *	2,633 *
10	243,430	243,895	252,125	223,586	184,621	149,980					6,352 *	3,248 *
11	243,583	243,371	255,502	223,343	228,139	140,799					5,607 *	3,847 *
12	241,775	238,714	256,417	221,305	236,178	142,953					5,392 *	4,227 *
13	239,317	238,630	254,120	216,260	198,542	123,464					4,624 *	3,484 *
14	238,096	238,767	250,585	217,029	180,986	105,640					5,911 *	2,962 *
15	235,727	242,107	249,566	217,659	213,804	102,806					5,245 *	3,726 *
16	236,115	239,046	251,493	214,345	227,302	90,308					5,751 *	3,919 *
17	239,256	240,493	254,985	207,187	222,078	88,619					5,389 *	4,045 *
18	245,835	238,184	255,914	205,886	233,579	106,759					4,827 *	13,155 *
19	244,833	238,816	254,764	202,995	220,256	99,395					4,832 *	20,118 *
20	244,087	237,303	254,045	201,586	244,358	91,310					5,899 *	15,805 *
21	246,034	235,755	255,099	200,183	225,394	86,868					5,533 *	10,569 *
22	246,774	234,685	250,843	200,011	199,045	85,502 *					5,387 *	8,738 *
23	248,987	231,916	251,080	197,883	232,968	76,834 *					5,605 *	9,760 *
24	251,800	231,197	250,861	199,342	255,489	70,853 *					5,175 *	12,646 *
25	254,443	230,476	248,183	198,681	253,193	69,396 *					5,174 *	14,760 *
26	256,872	230,144	248,443	194,328	222,885	63,863 *					4,965 *	14,534 *
27	257,082	230,510	243,554	200,884	253,445	99,129 *					5,104 *	12,638 *
28	255,788	232,509	241,587	175,136	263,139	75,750 *					4,895 *	11,730 *
29	256,067		237,869	155,483	235,758	86,550 *					4,424 *	10,660 *
30	253,304		238,770	167,434	194,560	84,690 *					3,971 *	11,631 *
31	253,381		235,200		189,630							13,256 *
Caudal Max.	258,149	255,274	257,429	239,008	275,676	226,590					8,477 *	20,366 *
Día	27	1	10	1	24	1					6	19
Hora	9	2	23		3	12					18	18
Caudal Mín.	234,838	229,326	234,146	144,188	126,588	63,662 *					3,971 *	2,476 *
Día	15	26	31	30	8	26					30	6
Hora	16	5	4		21	6					6	18
Caudal Medio	247,591	240,360	247,407	210,816	208,396	122,463					5,695	7,685

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



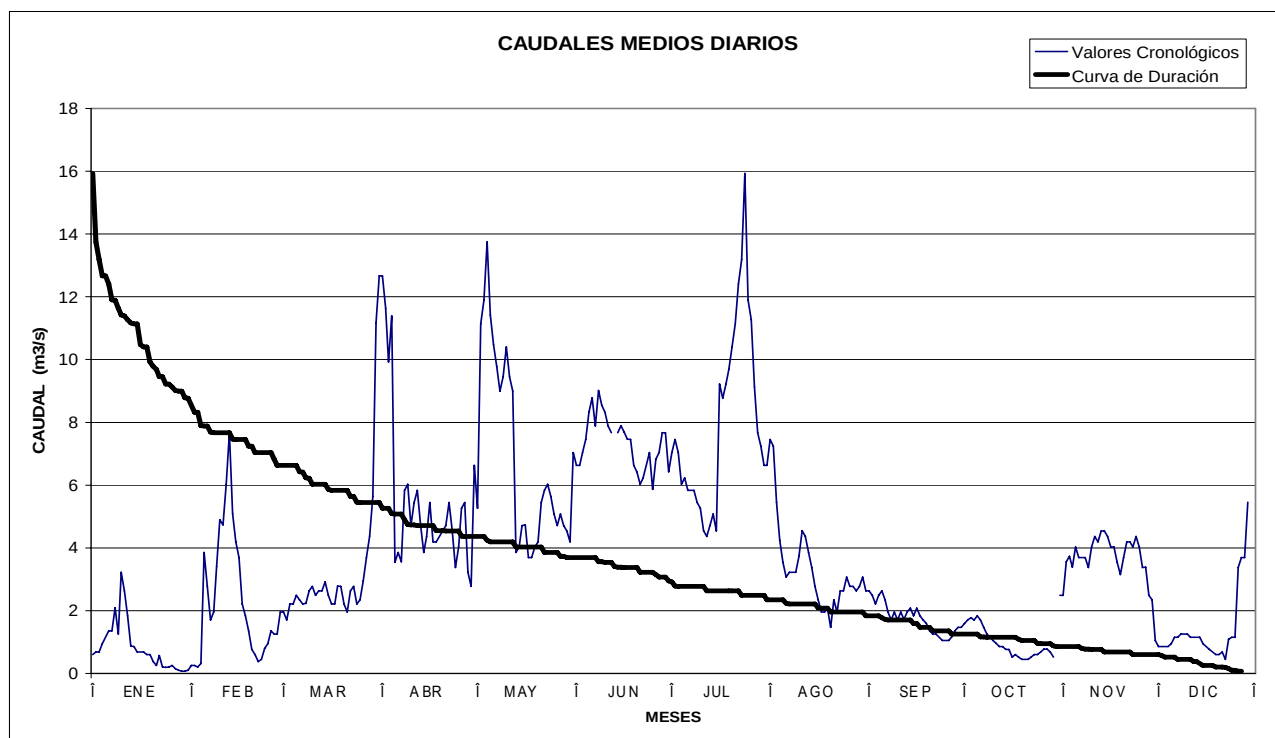
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H375	CHANCHAN DJ HUATAXI											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,601 *	0,249 *	1,954 *	12,662 *	6,629 *	7,030 *	6,422 *	6,629 *	2,625 *	1,472 *	2,486 *	1,045 *
2	0,677 *	0,249 *	1,954 *	12,662 *	5,263 *	6,620 *	7,030 *	7,450 *	2,625 *	1,586 *	2,486 *	0,853 *
3	0,677 *	0,203 *	1,706 *	11,637 *	11,137 *	6,620 *	7,450 *	7,243 *	2,486 *	1,706 *	3,552 *	0,853 *
4	0,945 *	0,306 *	2,214 *	9,923 *	11,889 *	7,030 *	7,030 *	5,446 *	2,214 *	1,766 *	3,725 *	0,853 *
5	1,145 *	3,854 *	2,214 *	11,389 *	13,744 *	7,450 *	6,021 *	4,237 *	2,486 *	1,706 *	3,385 *	0,853 *
6	1,358 *	2,770 *	2,486 *	3,530 *	11,423 *	8,318 *	6,228 *	3,536 *	2,625 *	1,833 *	4,022 *	0,945 *
7	1,358 *	1,706 *	2,347 *	3,854 *	10,471 *	8,775 *	5,837 *	3,066 *	2,347 *	1,706 *	3,692 *	1,145 *
8	2,087 *	1,954 *	2,214 *	3,552 *	9,776 *	7,880 *	5,827 *	3,223 *	1,954 *	1,472 *	3,692 *	1,145 *
9	1,251 *	3,407 *	2,226 *	5,827 *	8,996 *	9,010 *	5,827 *	3,223 *	1,706 *	1,251 *	3,692 *	1,251 *
10	3,217 *	4,891 *	2,631 *	6,021 *	9,457 *	8,544 *	5,446 *	3,217 *	1,954 *	1,152 *	3,374 *	1,251 *
11	2,631 *	4,724 *	2,770 *	4,713 *	10,402 *	8,318 *	5,263 *	3,725 *	1,706 *	1,045 *	4,022 *	1,251 *
12	1,833 *	6,021 *	2,486 *	5,446 *	9,457 *	7,880 *	4,540 *	4,540 *	1,954 *	0,953 *	4,362 *	1,145 *
13	0,868 *	7,663 *	2,631 *	5,827 *	8,996 *	7,663 *	4,362 *	4,362 *	1,719 *	0,853 *	4,190 *	1,145 *
14	0,853 *	5,085 *	2,625 *	4,744 *	3,854 *		4,713 *	3,854 *	1,954 *	0,853 *	4,535 *	1,145 *
15	0,677 *	4,190 *	2,915 *	3,854 *	4,022 *	7,663 *	5,075 *	3,374 *	2,080 *	0,761 *	4,535 *	1,145 *
16	0,677 *	3,692 *	2,486 *	4,362 *	4,713 *	7,889 *	4,535 *	2,770 *	1,827 *	0,761 *	4,362 *	0,945 *
17	0,677 *	2,214 *	2,214 *	5,446 *	4,724 *	7,681 *	9,223 *	2,347 *	2,080 *	0,516 *	4,022 *	0,853 *
18	0,592 *	1,827 *	2,214 *	4,190 *	3,692 *	7,460 *	8,766 *	1,954 *	1,833 *	0,592 *	4,022 *	0,761 *
19	0,592 *	1,358 *	2,782 *	4,190 *	3,692 *	7,450 *	9,223 *	1,954 *	1,706 *	0,516 *	3,530 *	0,677 *
20	0,373 *	0,761 *	2,770 *	4,362 *	4,022 *	6,620 *	9,688 *	2,080 *	1,586 *	0,440 *	3,150 *	0,601 *
21	0,249 *	0,592 *	2,214 *	4,535 *	4,190 *	6,417 *	10,402 *	1,472 *	1,358 *	0,440 *	3,692 *	0,592 *
22	0,569 *	0,373 *	1,954 *	4,713 *	5,446 *	6,021 *	11,137 *	2,347 *	1,251 *	0,440 *	4,190 *	0,677 *
23	0,203 *	0,440 *	2,625 *	5,446 *	5,827 *	6,219 *	12,405 *	1,954 *	1,251 *	0,516 *	4,190 *	0,440 *
24	0,192 *	0,793 *	2,770 *	4,540 *	6,021 *	6,620 *	13,187 *	2,625 *	1,145 *	0,601 *	4,022 *	1,094 *
25	0,203 *	0,945 *	2,214 *	3,374 *	5,634 *	7,030 *	15,932 *	2,625 *	1,045 *	0,592 *	4,362 *	1,145 *
26	0,249 *	1,358 *	2,347 *	4,022 *	5,075 *	5,857 *	11,893 *	3,066 *	1,045 *	0,677 *	4,022 *	1,145 *
27	0,146 *	1,251 *	2,938 *	5,258 *	4,713 *	6,827 *	11,266 *	2,770 *	1,045 *	0,769 *	3,374 *	3,374 *
28	0,099 *	1,251 *	3,692 *	5,446 *	5,075 *	7,030 *	9,120 *	2,770 *	1,152 *	0,769 *	3,385 *	3,692 *
29	0,066 *		4,373 *	3,217 *	4,713 *	7,667 *	7,663 *	2,625 *	1,358 *	0,677 *	2,486 *	3,692 *
30	0,066 *		5,634 *	2,770 *	4,535 *	7,667 *	7,238 *	2,770 *	1,472 *	0,516 *	2,347 *	5,456 *
31	0,099 *		11,162 *		4,190 *		6,620 *	3,066 *				
Caudal Max.	3,217 *	7,663 *	12,401 *	12,922 *	15,087 *		16,217 *	7,663 *	2,625 *		4,535 *	
Día	10	13	31	1	5		25	2	vv		vv	
Hora	17	7	7	7	17		17	7				
Caudal Mín.	0,032 *	0,099 *	1,586 *	2,625 *	3,530 *		4,189 *	1,358 *	0,945 *		2,347 *	
Día	29	3	3	30	18		12	21	25		1	
Hora	17	7	7	17	7		17	17	17		7	
Caudal Medio	0,814	2,290	2,895	5,717	6,832	7,354	7,915	3,430	1,786	0,965	3,697	1,372

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



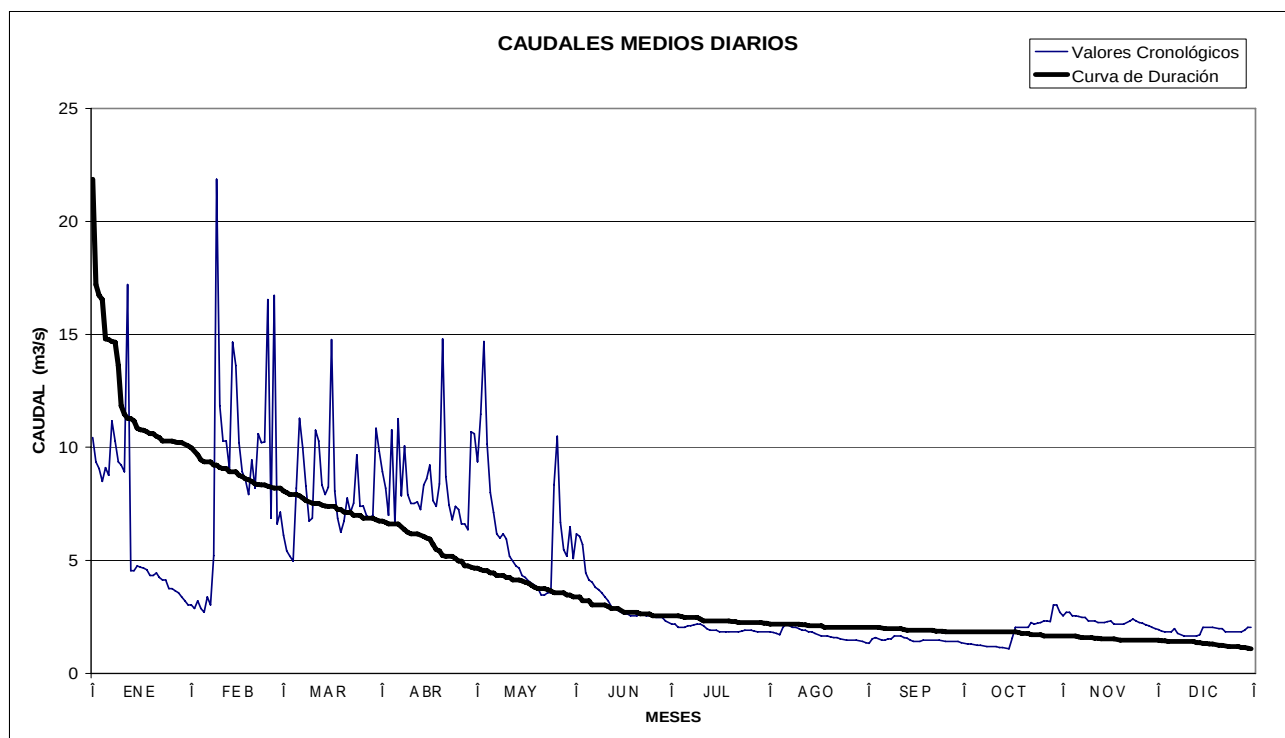
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H385	ANGAS AJ CHANCHAN											Area Drenaje:1500 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	10,441 *	3,035 *	7,128 *	9,817 *	10,602 *	5,077 *	2,249 *	1,835 *	1,349 *	1,349 *	2,707 *	1,968 *
2	9,361 *	2,869 *	6,114 *	8,918 *	9,361 *	6,174 *	2,177 *	1,835 *	1,321 *	1,321 *	2,549 *	1,935 *
3	9,064 *	3,207 *	5,411 *	8,203 *	11,475 *	6,054 *	2,177 *	1,803 *	1,523 *	1,294 *	2,707 *	1,868 *
4	8,484 *	2,869 *	5,187 *	6,994 *	14,693 *	5,702 *	2,037 *	1,770 *	1,583 *	1,294 *	2,707 *	1,835 *
5	9,103 *	2,707 *	4,967 *	10,773 *	10,132 *	4,440 *	2,037 *	1,707 *	1,523 *	1,267 *	2,549 *	1,835 *
6	8,771 *	3,383 *	8,190 *	6,606 *	7,996 *	4,137 *	2,037 *	2,037 *	1,464 *	1,240 *	2,549 *	1,835 *
7	11,168 *	3,035 *	11,295 *	11,275 *	7,119 *	4,039 *	2,107 *	2,177 *	1,464 *	1,240 *	2,511 *	1,974 *
8	10,283 *	5,209 *	9,981 *	7,858 *	6,176 *	3,799 *	2,107 *	2,107 *	1,523 *	1,213 *	2,473 *	1,770 *
9	9,361 *	21,870 *	8,289 *	10,061 *	5,994 *	3,703 *	2,142 *	2,037 *	1,523 *	1,186 *	2,473 *	1,707 *
10	9,213 *	11,836 *	6,733 *	7,923 *	6,176 *	3,564 *	2,177 *	2,037 *	1,644 *	1,186 *	2,323 *	1,644 *
11	8,918 *	10,283 *	6,860 *	7,515 *	5,935 *	3,383 *	2,177 *	1,969 *	1,644 *	1,186 *	2,323 *	1,644 *
12	17,206 *	10,283 *	10,761 *	7,515 *	5,187 *	3,207 *	2,107 *	1,901 *	1,644 *	1,186 *	2,323 *	1,644 *
13	4,542 *	9,064 *	10,283 *	7,586 *	4,967 *	2,951 *	1,968 *	1,901 *	1,583 *	1,135 *	2,249 *	1,644 *
14	4,542 *	14,668 *	8,342 *	7,250 *	4,753 *	2,869 *	1,901 *	1,835 *	1,553 *	1,135 *	2,249 *	1,644 *
15	4,752 *	13,617 *	7,923 *	8,342 *	4,647 *	2,787 *	1,901 *	1,835 *	1,464 *	1,109 *	2,249 *	1,707 *
16	4,699 *	10,208 *	8,240 *	8,599 *	4,337 *	2,707 *	1,901 *	1,770 *	1,406 *	1,084 *	2,286 *	2,037 *
17	4,647 *	8,918 *	14,773 *	9,218 *	4,237 *	2,627 *	1,835 *	1,707 *	1,406 *	1,560 *	2,323 *	2,037 *
18	4,594 *	8,557 *	8,067 *	7,650 *	4,087 *	2,627 *	1,835 *	1,644 *	1,406 *	2,037 *	2,177 *	2,037 *
19	4,337 *	7,923 *	6,862 *	7,382 *	3,990 *	2,549 *	1,835 *	1,644 *	1,464 *	2,037 *	2,177 *	2,037 *
20	4,337 *	9,440 *	6,235 *	8,372 *	3,893 *	2,549 *	1,835 *	1,644 *	1,464 *	2,037 *	2,177 *	2,003 *
21	4,439 *	8,201 *	6,733 *	14,792 *	3,751 *	2,549 *	1,835 *	1,613 *	1,464 *	2,037 *	2,177 *	1,968 *
22	4,236 *	10,600 *	7,762 *	8,703 *	3,473 *	2,627 *	1,835 *	1,583 *	1,464 *	2,037 *	2,250 *	1,968 *
23	4,137 *	10,208 *	7,118 *	7,450 *	3,473 *	2,627 *	1,835 *	1,583 *	1,464 *	2,249 *	2,323 *	1,835 *
24	4,137 *	10,239 *	7,521 *	6,798 *	3,564 *	2,549 *	1,868 *	1,523 *	1,464 *	2,177 *	2,397 *	1,835 *
25	3,750 *	16,537 *	9,668 *	7,382 *	3,564 *	2,549 *	1,901 *	1,493 *	1,435 *	2,213 *	2,323 *	1,835 *
26	3,750 *	6,860 *	7,382 *	7,250 *	8,349 *	2,549 *	1,901 *	1,464 *	1,406 *	2,249 *	2,249 *	1,835 *
27	3,657 *	16,732 *	7,404 *	6,606 *	10,490 *	2,473 *	1,901 *	1,464 *	1,406 *	2,323 *	2,213 *	1,835 *
28	3,564 *	6,606 *	6,989 *	6,606 *	6,673 *	2,473 *	1,868 *	1,464 *	1,406 *	2,323 *	2,142 *	1,835 *
29	3,383 *		6,860 *	6,358 *	5,472 *	2,473 *	1,835 *	1,464 *	1,406 *	2,286 *	2,107 *	1,901 *
30	3,207 *		6,994 *	10,699 *	5,187 *	2,323 *	1,835 *	1,435 *	1,406 *	3,035 *	2,037 *	2,037 *
31	3,035 *		10,848 *		6,482 *		1,835 *	1,406 *		3,035 *		2,037 *
Caudal Max.	25,785 *	24,302 *	16,941 *	21,241 *	14,975 *	7,382 *	2,249 *	2,177 *	1,644 *	3,035 *	2,707 *	2,177 *
Día	12	25	17	21	4	2	1	7	vv	vv	vv	7
Hora	18	18	18	18	18	18	6	6				6
Caudal Mín.	3,035 *	2,707 *	4,967 *	5,994 *	3,473 *	2,323 *	1,835 *	1,406 *	1,294 *	1,084 *	2,037 *	1,644 *
Día	31	5	6	5	vv	30	vv	30	2	17	30	vv
Hora	6	18	6	6		6		18	18	6	6	
Caudal Medio	6,423	8,891	7,965	8,350	6,330	3,338	1,967	1,732	1,475	1,712	2,343	1,862

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



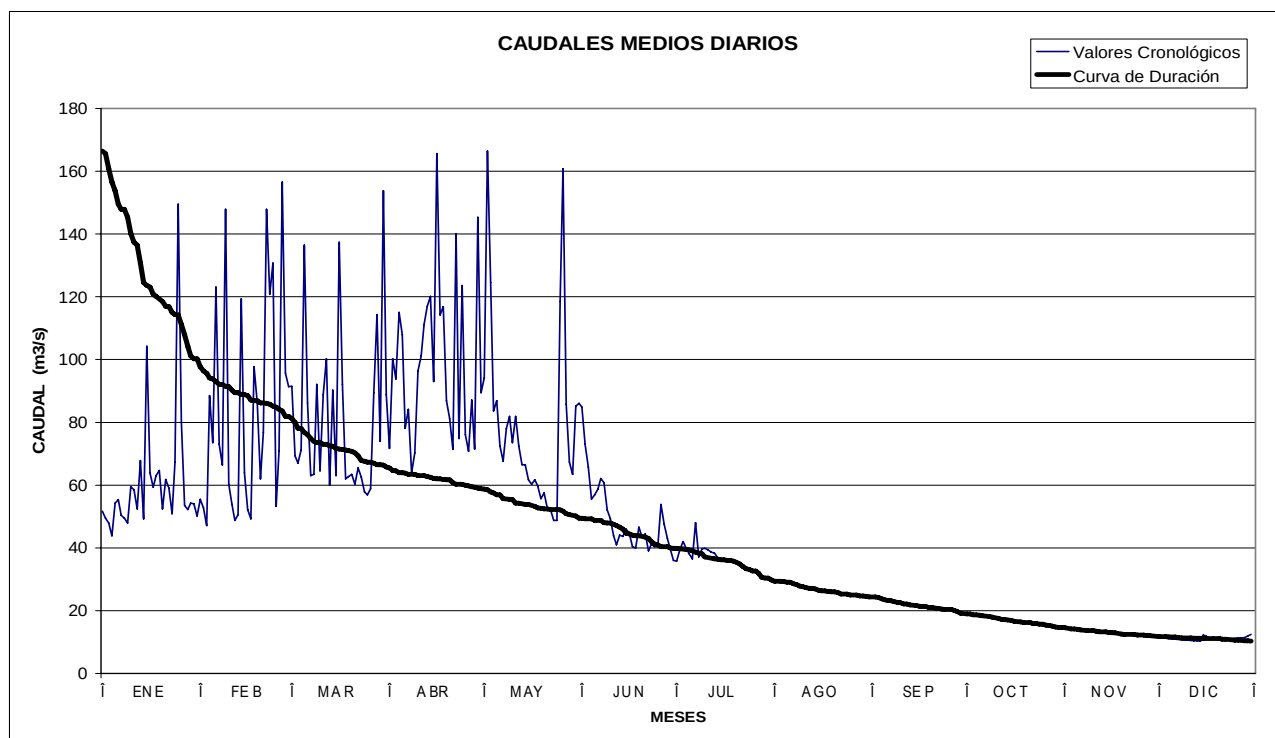
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H447	BULUBULU AJ PAYO											Area Drenaje:687 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	51,700 *	55,430 *	91,389 *	88,777 *	89,344 *	86,085 *	35,954 *	29,707 *	24,343 *	19,056 *	14,632 *	11,536 *
2	49,446 *	52,652 *	91,436 *	71,719 *	94,117 *	84,825 *	35,762 *	29,357 *	24,343 *	18,914 *	14,507 *	11,536 *
3	47,898 *	47,053 *	69,325 *	100,194 *	166,411 *	73,059 *	39,488 *	29,183 *	24,343 *	18,914 *	14,382 *	11,313 *
4	43,817 *	88,480 *	66,983 *	93,843 *	124,494 *	65,700 *	41,976 *	29,357 *	24,184 *	18,631 *	14,133 *	11,202 *
5	54,232 *	73,559 *	71,164 *	115,052 *	83,564 *	55,487 *	39,889 *	29,357 *	23,709 *	18,631 *	14,133 *	11,091 *
6	55,402 *	123,110 *	136,477 *	107,840 *	86,838 *	56,862 *	38,094 *	29,009 *	23,394 *	18,490 *	14,010 *	10,871 *
7	50,393 *	72,960 *	86,168 *	78,062 *	72,513 *	58,743 *	36,532 *	29,009 *	23,237 *	18,350 *	13,887 *	10,871 *
8	49,446 *	66,355 *	62,937 *	84,127 *	67,588 *	62,061 *	47,999 *	28,319 *	23,081 *	18,211 *	13,765 *	10,763 *
9	47,894 *	147,857 *	63,368 *	63,959 *	77,985 *	60,721 *	37,115 *	28,491 *	22,770 *	18,071 *	13,643 *	10,654 *
10	59,471 *	60,221 *	92,032 *	70,267 *	81,843 *	52,040 *	39,694 *	27,807 *	22,616 *	17,933 *	13,643 *	10,546 *
11	58,502 *	53,770 *	64,542 *	96,315 *	73,469 *	49,229 *	39,889 *	27,637 *	22,462 *	17,657 *	13,400 *	10,546 *
12	52,342 *	48,780 *	88,800 *	101,181 *	81,881 *	43,811 *	39,287 *	27,130 *	22,155 *	17,520 *	13,644 *	10,438 *
13	67,805 *	50,566 *	100,213 *	111,109 *	72,375 *	40,903 *	38,688 *	26,962 *	22,155 *	17,247 *	13,160 *	10,332 *
14	49,236 *	119,330 *	59,961 *	116,956 *	66,489 *	44,025 *	38,293 *	27,299 *	21,850 *	17,112 *	13,160 *	10,332 *
15	104,162 *	63,959 *	90,205 *	120,120 *	66,474 *	43,596 *	36,920 *	27,130 *	21,699 *	16,977 *	13,160 *	10,225 *
16	63,758 *	52,160 *	62,956 *	93,049 *	61,681 *	45,965 *	36,725 *	26,462 *	21,548 *	16,843 *	13,041 *	12,221 *
17	59,373 *	49,222 *	137,348 *	165,613 *	60,202 *	44,658 *	36,338 *	26,296 *	21,397 *	16,575 *	12,922 *	11,763 *
18	62,956 *	97,639 *	92,030 *	114,165 *	61,681 *	40,328 *	36,146 *	26,296 *	21,247 *	16,442 *	12,922 *	11,091 *
19	64,668 *	86,168 *	61,986 *	116,862 *	59,753 *	39,923 *	35,954 *	26,131 *	21,247 *	16,309 *	12,686 *	11,536 *
20	52,387 *	61,965 *	62,684 *	86,884 *	55,638 *	46,585 *	36,146 *	25,965 *	20,948 *	16,177 *	12,569 *	11,313 *
21	61,825 *	76,724 *	63,431 *	81,118 *	57,547 *	43,404 *	35,382 *	25,965 *	20,948 *	16,177 *	12,452 *	11,202 *
22	59,018 *	147,921 *	60,204 *	71,422 *	52,624 *	44,440 *	34,810 *	25,801 *	20,800 *	16,177 *	12,452 *	11,091 *
23	50,830 *	120,819 *	65,447 *	140,123 *	52,182 *	39,014 *	34,058 *	25,311 *	20,652 *	15,914 *	12,336 *	11,091 *
24	67,276 *	130,697 *	62,469 *	74,888 *	48,777 *	41,108 *	33,314 *	25,311 *	20,504 *	15,914 *	12,220 *	11,091 *
25	149,444 *	53,141 *	57,779 *	123,561 *	48,780 *	40,294 *	33,131 *	25,311 *	20,357 *	15,654 *	12,220 *	11,091 *
26	79,882 *	70,930 *	56,824 *	76,070 *	118,438 *	40,293 *	32,577 *	24,986 *	20,357 *	15,654 *	11,990 *	11,202 *
27	53,554 *	156,551 *	58,846 *	70,739 *	160,737 *	53,800 *	32,577 *	24,986 *	20,357 *	15,395 *	11,990 *	11,313 *
28	52,154 *	95,627 *	89,340 *	87,062 *	85,726 *	47,471 *	31,848 *	24,986 *	20,064 *	15,267 *	11,762 *	11,313 *
29	54,231 *		114,313 *	71,472 *	67,239 *	42,967 *	30,591 *	24,664 *	19,629 *	15,012 *	11,762 *	11,425 *
30	54,001 *		73,901 *	145,294 *	63,426 *	39,690 *	30,413 *	24,664 *	19,198 *	14,758 *	11,762 *	11,878 *
31	50,119 *		153,732 *		85,167 *		30,413 *	24,503 *		14,632 *		12,336 *
Caudal Max.	172,657 *	184,082 *	190,766 *	190,766 *	192,454 *	95,627 *	56,110 *	29,707 *	24,343 *	19,198 *	14,632 *	12,452 *
Día	25	27	31	17	27	1	8	1	vv	1	1	31
Hora	7	18	7	7	7	7	7	7		7	7	18
Caudal Mín.	42,342 *	44,439 *	53,766 *	58,984 *	47,894 *	34,433 *	30,413 *	24,343 *	19,198 *	14,632 *	11,762 *	10,014 *
Día	4	3	27	10	25	23	vv	31	30	31	vv	14
Hora	7	18	7	7	7	7		18	18	7		18
Caudal Medio	60,555	82,987	80,913	97,928	78,870	50,903	36,323	26,884	21,853	16,923	13,078	11,136

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



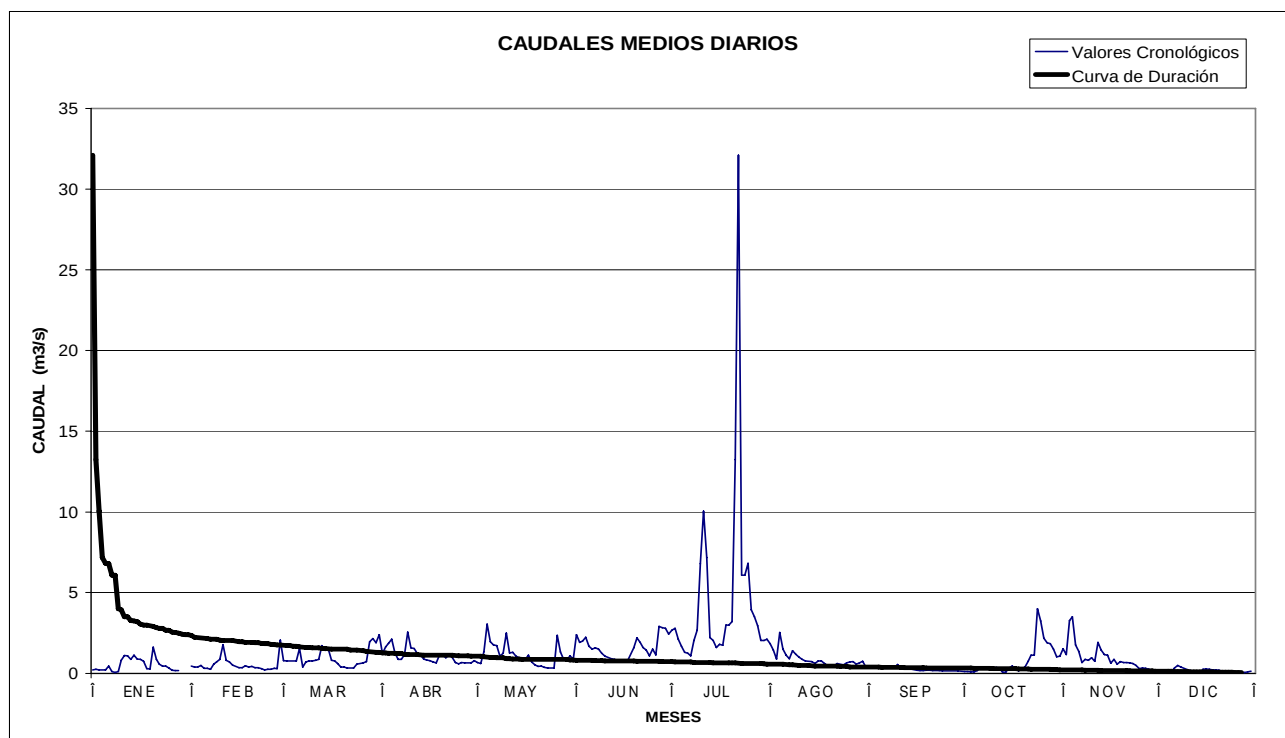
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H466	SILANTE EN INGAPIRCA											Area Drenaje:120 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,204 *	0,441 *	2,052 *	2,388 *	0,786 *	0,856 *	2,438 *	2,116 *	0,396 *	0,137 *	1,062 *	0,138 *
2	0,259 *	0,381 *	0,786 *	1,208 *	0,677 *	2,388 *	2,674 *	1,828 *	0,354 *	0,109 *	1,522 *	0,144 *
3	0,204 *	0,383 *	0,763 *	1,639 *	0,597 *	1,909 *	2,786 *	1,432 *	0,367 *	0,109 *	1,147 *	0,122 *
4	0,204 *	0,475 *	0,763 *	1,846 *	1,355 *	1,995 *	2,116 *	0,877 *	0,367 *	0,085 *	3,263 *	0,109 *
5	0,204 *	0,302 *	0,763 *	2,116 *	3,039 *	2,231 *	1,677 *	2,529 *	0,367 *	0,085 *	3,503 *	0,085 *
6	0,442 *	0,302 *	0,763 *	1,267 *	1,947 *	1,677 *	1,298 *	1,505 *	0,367 *	0,168 *	1,751 *	0,103 *
7	0,109 *	0,247 *	1,532 *	0,856 *	1,750 *	1,497 *	1,237 *	1,118 *	0,367 *	0,355 *	1,361 *	0,328 *
8	0,049 *	0,579 *	0,396 *	0,856 *	1,712 *	1,566 *	1,090 *	0,905 *	0,341 *	0,396 *	0,680 *	0,491 *
9	0,108 *	0,703 *	0,700 *	1,153 *	1,062 *	1,497 *	2,030 *	1,398 *	0,314 *	0,314 *	0,856 *	0,396 *
10	0,806 *	0,858 *	0,766 *	2,549 *	1,240 *	1,245 *	2,674 *	1,177 *	0,314 *	0,300 *	0,808 *	0,302 *
11	1,107 *	1,782 *	0,763 *	1,579 *	2,489 *	1,062 *	6,790 *	1,008 *	0,538 *	0,266 *	0,955 *	0,224 *
12	1,077 *	0,793 *	0,809 *	1,533 *	1,267 *	0,987 *	10,043 *	0,856 *	0,327 *	0,373 *	0,741 *	0,168 *
13	0,856 *	0,701 *	0,856 *	1,208 *	1,298 *	0,905 *	7,170 *	0,763 *	0,290 *	0,305 *	1,907 *	0,122 *
14	1,127 *	0,516 *	1,716 *	1,118 *	1,062 *	0,856 *	2,202 *	0,741 *	0,278 *	0,075 *	1,432 *	0,097 *
15	0,880 *	0,432 *	1,428 *	0,877 *	0,955 *	0,809 *	2,030 *	0,719 *	0,266 *	0,065 *	1,147 *	0,065 *
16	0,856 *	0,355 *	1,510 *	0,832 *	0,856 *	0,741 *	1,608 *	0,610 *	0,224 *	0,331 *	1,118 *	0,259 *
17	0,746 *	0,341 *	0,809 *	0,786 *	0,856 *	0,741 *	1,788 *	0,763 *	0,194 *	0,457 *	0,622 *	0,267 *
18	0,290 *	0,469 *	0,763 *	0,700 *	1,119 *	0,741 *	1,729 *	0,763 *	0,168 *	0,315 *	0,856 *	0,244 *
19	0,266 *	0,386 *	0,610 *	0,636 *	0,700 *	1,149 *	2,985 *	0,617 *	0,168 *	0,145 *	0,579 *	0,204 *
20	1,615 *	0,432 *	0,396 *	1,118 *	0,525 *	1,574 *	2,985 *	0,491 *	0,185 *	0,290 *	0,719 *	0,204 *
21	0,862 *	0,355 *	0,396 *	1,118 *	0,426 *	2,193 *	3,205 *	0,457 *	0,185 *	0,396 *	0,677 *	0,186 *
22	0,567 *	0,355 *	0,314 *	0,959 *	0,441 *	1,914 *	13,243 *	0,457 *	0,168 *	0,743 *	0,657 *	0,129 *
23	0,457 *	0,300 *	0,314 *	1,119 *	0,368 *	1,608 *	32,108 *	0,597 *	0,168 *	1,118 *	0,636 *	0,094 *
24	0,457 *	0,214 *	0,314 *	0,987 *	0,314 *	1,432 *	6,088 *	0,579 *	0,168 *	1,118 *	0,617 *	0,094 *
25	0,321 *	0,259 *	0,580 *	0,657 *	0,314 *	1,090 *	6,085 *	0,524 *	0,160 *	4,000 *	0,491 *	0,065 *
26	0,185 *	0,259 *	0,617 *	0,588 *	0,314 *	1,493 *	6,822 *	0,640 *	0,152 *	3,235 *	0,282 *	0,065 *
27	0,168 *	0,302 *	0,636 *	0,657 *	2,340 *	1,142 *	3,939 *	0,698 *	0,152 *	2,181 *	0,327 *	0,065 *
28	0,168 *	0,290 *	0,727 *	0,636 *	1,322 *	2,910 *	3,495 *	0,719 *	0,152 *	1,896 *	0,302 *	0,049 *
29			1,952 *	0,636 *	0,856 *	2,829 *	2,939 *	0,560 *	0,152 *	1,828 *	0,247 *	0,049 *
30			2,153 *	0,636 *	0,832 *	2,780 *	2,030 *	0,636 *	0,152 *	1,493 *	0,204 *	0,091 *
31			1,896 *		1,085 *		2,030 *	0,741 *		1,016 *		0,129 *
Caudal Max.		2,202 *	2,985 *	3,800 *	3,094 *	3,435 *	34,836 *	2,673 *	0,763 *	6,882 *	5,350 *	0,560 *
Día		11	1	10	5	28	23	5	11	25	4	7
Hora		17	7	17	7	17	17	7	17	17	17	7
Caudal Mín.		0,122 *	0,314 *	0,457 *	0,314 *	0,719 *	1,062 *	0,457 *	0,151 *	0,065 *	0,204 *	0,048 *
Día		17	vv	26	vv	18	8	vv	26	15	29	28
Hora		17		17		17	17		7	7	17	17
Caudal Medio	0,521	0,472	0,930	1,142	1,094	1,527	4,559	0,930	0,260	0,765	1,016	0,164

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



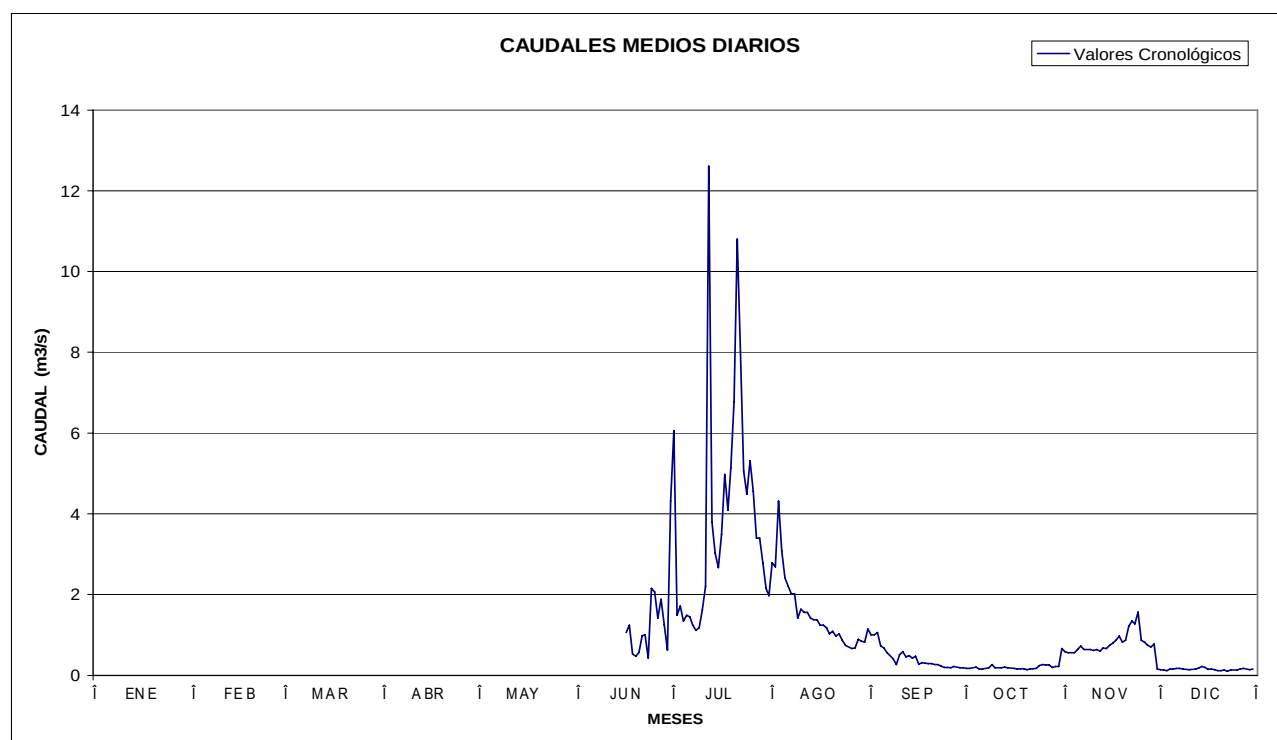
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H467	VENDELECHE EN HDA.LA CURIA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1							4,316 *	1,973 *	1,147 *	0,187 *	0,660 *	0,154 *
2							6,062 *	2,784 *	1,001 *	0,170 *	0,582 *	0,139 *
3							1,485 *	2,682 *	1,001 *	0,170 *	0,561 *	0,126 *
4							1,717 *	4,320 *	1,058 *	0,187 *	0,561 *	0,119 *
5							1,343 *	3,077 *	0,725 *	0,205 *	0,561 *	0,154 *
6							1,489 *	2,413 *	0,681 *	0,154 *	0,639 *	0,154 *
7							1,448 *	2,205 *	0,561 *	0,154 *	0,725 *	0,170 *
8							1,242 *	2,017 *	0,489 *	0,170 *	0,639 *	0,170 *
9							1,117 *	2,020 *	0,414 *	0,187 *	0,639 *	0,154 *
10							1,178 *	1,412 *	0,263 *	0,266 *	0,640 *	0,147 *
11							1,623 *	1,636 *	0,508 *	0,187 *	0,619 *	0,139 *
12							2,208 *	1,560 *	0,582 *	0,187 *	0,639 *	0,147 *
13							12,610 *	1,559 *	0,456 *	0,187 *	0,600 *	0,154 *
14							3,801 *	1,412 *	0,489 *	0,205 *	0,681 *	0,178 *
15							3,023 *	1,377 *	0,424 *	0,187 *	0,660 *	0,216 *
16							2,670 *	1,377 *	0,474 *	0,178 *	0,747 *	0,196 *
17						1,058 *	3,493 *	1,242 *	0,276 *	0,170 *	0,794 *	0,147 *
18						1,242 *	4,976 *	1,242 *	0,316 *	0,154 *	0,867 *	0,154 *
19						0,524 *	4,090 *	1,178 *	0,301 *	0,162 *	0,974 *	0,139 *
20						0,473 *	5,140 *	1,029 *	0,289 *	0,162 *	0,818 *	0,113 *
21						0,562 *	6,775 *	1,087 *	0,289 *	0,139 *	0,867 *	0,113 *
22						0,982 *	10,799 *	0,973 *	0,266 *	0,154 *	1,214 *	0,126 *
23						1,001 *	8,010 *	1,029 *	0,266 *	0,162 *	1,342 *	0,101 *
24						0,424 *	5,057 *	0,868 *	0,224 *	0,170 *	1,275 *	0,126 *
25						2,158 *	4,484 *	0,747 *	0,196 *	0,244 *	1,564 *	0,132 *
26						2,064 *	5,316 *	0,705 *	0,196 *	0,266 *	0,867 *	0,126 *
27						1,412 *	4,553 *	0,660 *	0,187 *	0,255 *	0,818 *	0,154 *
28						1,884 *	3,399 *	0,681 *	0,214 *	0,255 *	0,747 *	0,170 *
29						1,249 *	3,399 *	0,893 *	0,205 *	0,196 *	0,703 *	0,154 *
30						0,621 *	2,784 *	0,843 *	0,187 *	0,214 *	0,770 *	0,139 *
31							2,158 *	0,818 *		0,216 *		0,154 *
Caudal Max.							13,259 *	4,551 *	1,147 *	0,266 *	1,716 *	0,244 *
Día							13	4	1	vv	25	15
Hora							7	7	7		17	8
Caudal Mín.							1,087 *	0,639 *	0,187 *	0,139 *	0,524 *	0,090 *
Día							9	26	vv	21	2	23
Hora							7	16		17	17	8
Caudal Medio							3,928	1,542	0,456	0,190	0,792	0,147

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



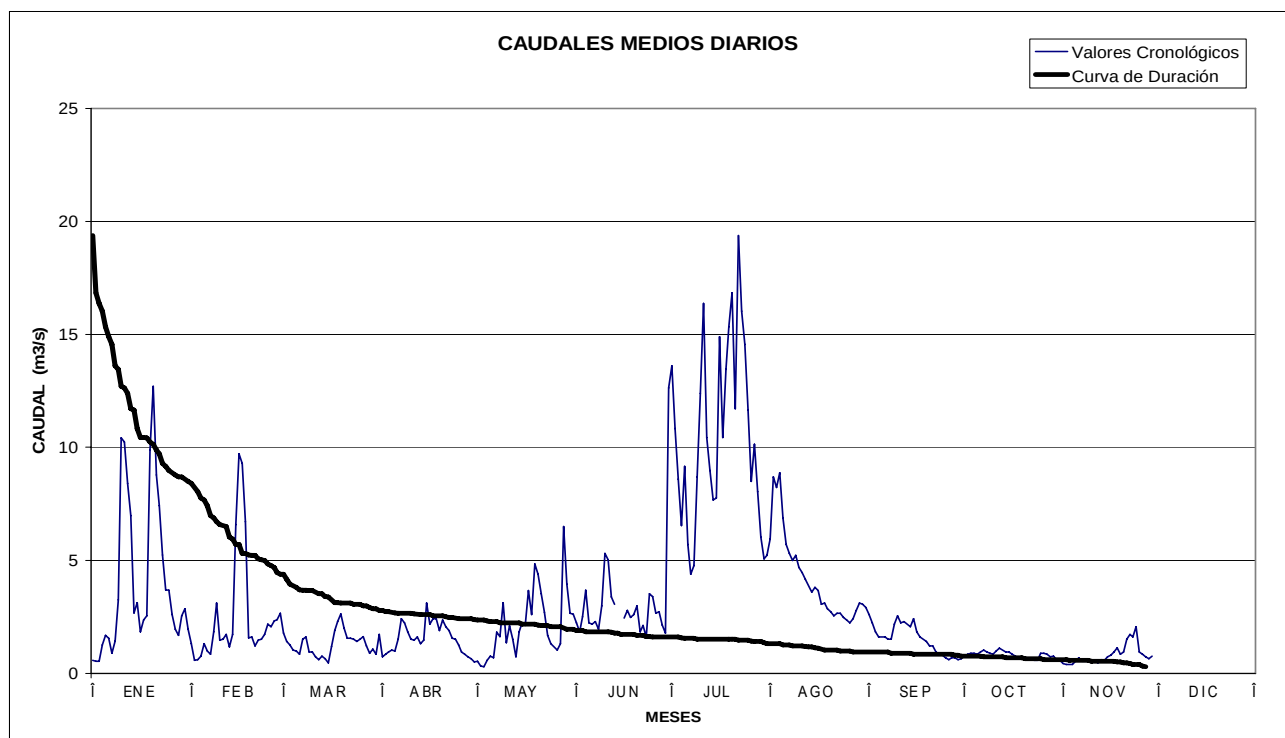
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H468	SAN PEDRO EN INGAIRCA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,567 *	1,310 *	2,663 *	1,723 *	0,495 *	2,611 *	12,634 *	5,225 *	2,917 *	0,644 *	0,567 *	
2	0,532 *	0,567 *	1,778 *	0,723 *	0,530 *	2,237 *	13,607 *	5,950 *	2,599 *	0,763 *	0,429 *	
3	0,532 *	0,605 *	1,413 *	0,847 *	0,328 *	1,833 *	10,838 *	8,688 *	2,234 *	0,847 *	0,392 *	
4	1,262 *	0,763 *	1,262 *	0,934 *	0,298 *	2,496 *	8,593 *	8,225 *	1,833 *	0,890 *	0,392 *	
5	1,672 *	1,308 *	1,025 *	1,023 *	0,567 *	3,670 *	6,544 *	8,880 *	1,616 *	0,890 *	0,392 *	
6	1,563 *	0,981 *	0,979 *	0,979 *	0,765 *	2,234 *	9,162 *	6,881 *	1,616 *	0,847 *	0,530 *	
7	0,890 *	0,847 *	0,847 *	1,511 *	0,682 *	2,185 *	5,705 *	5,705 *	1,616 *	0,935 *	0,682 *	
8	1,420 *	1,833 *	1,511 *	2,418 *	1,818 *	2,298 *	4,382 *	5,303 *	1,511 *	1,023 *	0,530 *	
9	3,253 *	3,114 *	1,616 *	2,234 *	1,617 *	1,945 *	4,761 *	4,989 *	1,511 *	0,934 *	0,530 *	
10	10,416 *	1,460 *	0,935 *	1,833 *	3,119 *	2,979 *	8,688 *	5,224 *	2,175 *	0,890 *	0,532 *	
11	10,234 *	1,512 *	0,934 *	1,511 *	1,358 *	5,308 *	12,386 *	4,683 *	2,538 *	0,847 *	0,495 *	
12	8,406 *	1,723 *	0,723 *	1,460 *	2,098 *	5,023 *	16,376 *	4,455 *	2,234 *	0,979 *	0,530 *	
13	6,982 *	1,163 *	0,606 *	1,616 *	1,511 *	3,382 *	10,437 *	4,159 *	2,294 *	1,116 *	0,461 *	
14	2,671 *	1,724 *	0,763 *	1,308 *	0,723 *	3,051 *	8,968 *	3,871 *	2,175 *	1,023 *	0,605 *	
15	3,119 *	6,590 *	0,647 *	1,460 *	1,833 *		7,675 *	3,589 *	2,063 *	0,934 *	0,567 *	
16	1,833 *	9,706 *	0,459 *	3,114 *	2,237 *		7,765 *	3,800 *	2,415 *	0,934 *	0,723 *	
17	2,354 *	9,297 *	1,182 *	2,175 *	2,117 *	2,440 *	14,902 *	3,659 *	1,833 *	0,847 *	0,805 *	
18	2,537 *	6,707 *	1,889 *	2,415 *	3,661 *	2,789 *	10,437 *	3,047 *	1,616 *	0,763 *	0,934 *	
19	9,878 *	1,566 *	2,294 *	2,415 *	2,601 *	2,476 *	13,452 *	3,114 *	1,511 *	0,682 *	1,117 *	
20	12,699 *	1,616 *	2,630 *	1,889 *	4,839 *	2,601 *	15,341 *	2,852 *	1,408 *	0,644 *	0,847 *	
21	8,781 *	1,211 *	2,004 *	2,354 *	4,382 *	2,982 *	16,848 *	2,725 *	1,211 *	0,605 *	0,934 *	
22	7,410 *	1,460 *	1,563 *	2,063 *	3,520 *	1,833 *	11,713 *	2,537 *	1,211 *	0,644 *	1,516 *	
23	5,231 *	1,511 *	1,563 *	1,889 *	2,711 *	2,117 *	19,377 *	2,661 *	0,934 *	0,605 *	1,723 *	
24	3,688 *	1,724 *	1,512 *	1,563 *	1,677 *	1,616 *	16,027 *	2,663 *	0,847 *	0,567 *	1,616 *	
25	3,670 *	2,175 *	1,408 *	1,512 *	1,310 *	3,522 *	14,556 *	2,476 *	0,805 *	0,567 *	2,063 *	
26	2,601 *	2,060 *	1,512 *	1,260 *	1,163 *	3,388 *	11,646 *	2,354 *	0,682 *	0,890 *	0,934 *	
27	1,945 *	2,311 *	1,617 *	0,934 *	1,025 *	2,651 *	8,499 *	2,234 *	0,605 *	0,890 *	0,847 *	
28	1,672 *	2,375 *	1,211 *	0,847 *	1,313 *	2,731 *	10,133 *	2,414 *	0,682 *	0,847 *	0,723 *	
29	2,550 *		0,890 *	0,723 *	6,496 *	2,130 *	8,039 *	2,789 *	0,682 *	0,723 *	0,644 *	
30	2,854 *		1,070 *	0,644 *	3,947 *	1,778 *	6,033 *	3,114 *	0,605 *	0,763 *	0,763 *	
31	1,946 *		0,847 *		2,663 *		5,068 *	3,047 *		0,605 *		
Caudal Max.	16,027 *	11,646 *	3,314 *	3,180 *	8,685 *		20,606 *	9,446 *	2,917 *	1,116 *	2,294 *	
Día	19	16	20	16	29		23	5	1	13	25	
Hora	17	17	8	18	10		17	7	7	7	17	
Caudal Mín.	0,459 *	0,530 *	0,459 *	0,605 *	0,268 *		4,159 *	2,175 *	0,605 *	0,530 *	0,328 *	
Día	3	2	16	30	4		8	27	vv	24	2	
Hora	8	6	17	17	17		16	16		16	17	
Caudal Medio	4,038	2,472	1,334	1,579	2,045	2,725	10,664	4,236	1,599	0,811	0,794	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



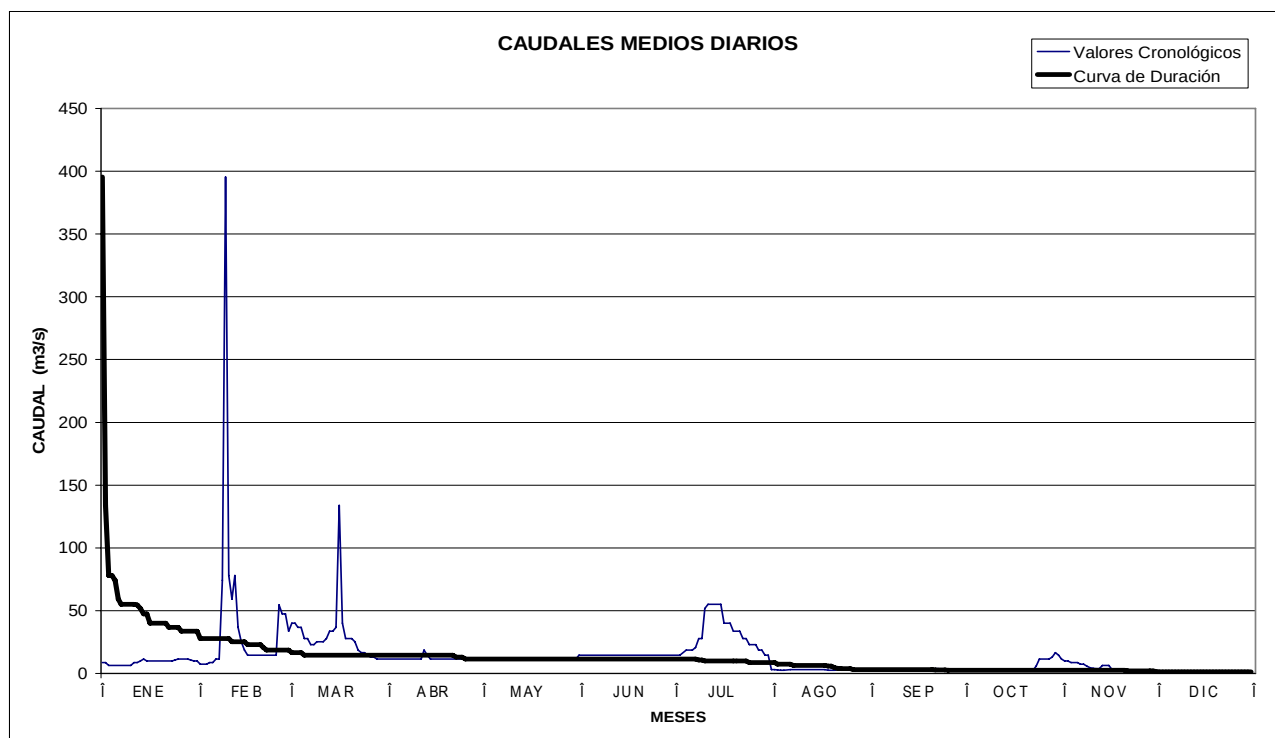
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H471	CAÑAR DJ RAURA												Area Drenaje:912 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	8,524 *	7,323 *	33,496 *	11,285 *	11,285 *	14,558 *	14,558 *	2,926 *	2,333 *	2,333 *	11,285 *	1,389 *	
2	8,524 *	7,323 *	39,868 *	11,285 *	11,285 *	14,558 *	14,558 *	2,926 *	2,333 *	2,333 *	9,843 *	1,028 *	
3	6,236 *	7,323 *	39,868 *	11,285 *	11,285 *	14,558 *	14,558 *	2,629 *	2,333 *	2,333 *	9,843 *	1,028 *	
4	6,236 *	8,524 *	36,594 *	11,285 *	11,285 *	14,558 *	16,469 *	2,333 *	2,333 *	2,333 *	8,524 *	1,028 *	
5	6,236 *	8,524 *	36,594 *	11,285 *	11,285 *	14,558 *	18,379 *	2,333 *	2,333 *	2,333 *	8,524 *	1,028 *	
6	6,236 *	11,285 *	27,813 *	11,285 *	11,285 *	14,558 *	18,379 *	2,629 *	2,333 *	2,333 *	8,524 *	1,028 *	
7	6,236 *	11,285 *	27,813 *	11,285 *	11,285 *	14,558 *	18,379 *	2,926 *	2,333 *	2,333 *	7,323 *	1,028 *	
8	6,236 *	74,117 *	22,786 *	11,285 *	11,285 *	14,558 *	20,583 *	2,926 *	2,333 *	2,333 *	7,323 *	1,028 *	
9	6,236 *	395,282 *	22,786 *	11,285 *	11,285 *	14,558 *	27,813 *	2,926 *	2,333 *	2,333 *	5,854 *	1,028 *	
10	6,236 *	78,082 *	25,300 *	11,285 *	11,285 *	14,558 *	27,813 *	2,926 *	2,333 *	2,333 *	4,384 *	1,028 *	
11	8,524 *	59,138 *	25,300 *	11,285 *	11,285 *	14,558 *	51,664 *	2,926 *	2,333 *	2,333 *	3,996 *	1,028 *	
12	8,524 *	78,082 *	25,300 *	11,285 *	11,285 *	14,558 *	54,817 *	2,926 *	2,333 *	2,333 *	3,608 *	1,028 *	
13	9,843 *	36,682 *	27,813 *	18,379 *	11,285 *	14,558 *	54,817 *	2,926 *	2,333 *	2,333 *	3,608 *	1,028 *	
14	11,285 *	25,300 *	33,496 *	14,558 *	11,285 *	14,558 *	54,817 *	2,926 *	2,333 *	2,333 *	6,236 *	1,028 *	
15	9,843 *	18,379 *	33,496 *	11,285 *	11,285 *	14,558 *	54,817 *	2,926 *	2,333 *	2,333 *	6,236 *	1,028 *	
16	9,843 *	14,558 *	36,682 *	11,285 *	11,285 *	14,558 *	54,817 *	2,926 *	2,333 *	2,333 *	6,236 *	1,028 *	
17	9,843 *	14,558 *	133,677 *	11,285 *	11,285 *	14,558 *	39,868 *	2,926 *	2,333 *	2,333 *	2,926 *	1,028 *	
18	9,843 *	14,558 *	39,868 *	11,285 *	11,285 *	14,558 *	39,868 *	2,926 *	2,333 *	2,333 *	2,926 *	1,028 *	
19	9,843 *	14,558 *	27,813 *	11,285 *	11,285 *	14,558 *	39,868 *	2,333 *	2,333 *	2,333 *	2,926 *	1,028 *	
20	9,843 *	14,558 *	27,813 *	11,285 *	11,285 *	14,558 *	33,496 *	2,333 *	2,333 *	2,333 *	2,333 *	1,028 *	
21	9,843 *	14,558 *	27,813 *	11,285 *	11,285 *	14,558 *	33,496 *	2,333 *	2,333 *	2,333 *	2,333 *	1,028 *	
22	9,843 *	14,558 *	25,300 *	11,285 *	11,285 *	14,558 *	33,496 *	2,926 *	3,608 *	2,333 *	2,333 *	1,028 *	
23	9,843 *	14,558 *	18,379 *	11,285 *	11,285 *	14,558 *	27,813 *	2,926 *	3,608 *	2,333 *	2,333 *	1,028 *	
24	10,564 *	14,558 *	16,469 *	11,285 *	11,285 *	14,558 *	27,813 *	2,926 *	2,629 *	5,747 *	2,333 *	1,028 *	
25	11,285 *	14,558 *	16,469 *	11,285 *	11,285 *	14,558 *	22,786 *	2,926 *	2,077 *	11,285 *	2,333 *	1,028 *	
26	11,285 *	54,501 *	14,558 *	11,285 *	11,285 *	14,558 *	22,786 *	2,926 *	1,822 *	11,285 *	2,333 *	1,028 *	
27	11,285 *	47,343 *	12,921 *	11,285 *	11,285 *	14,558 *	22,786 *	2,926 *	1,822 *	11,285 *	2,333 *	1,028 *	
28	11,285 *	47,343 *	12,921 *	11,285 *	11,285 *	14,558 *	18,379 *	2,926 *	1,822 *	11,285 *	1,822 *	1,028 *	
29	10,564 *		11,285 *	11,285 *	11,285 *	14,558 *	18,379 *	2,926 *	1,822 *	12,921 *	1,822 *	1,028 *	
30	9,843 *		11,285 *	11,285 *	11,285 *	14,558 *	14,558 *	2,926 *	1,822 *	16,398 *	1,822 *	1,028 *	
31	9,843 *		11,285 *		11,285 *		14,558 *	2,629 *		14,558 *		1,028 *	
Caudal Max.	11,285 *	550,402 *	133,677 *	18,379 *	11,285 *	14,558 *	63,459 *	2,926 *	3,608 *	16,398 *	11,285 *	1,389 *	
Día	vv	9	17	13	vv	vv	11	vv	vv	30	1	1	
Hora		6	6	6			17			6	6	6	
Caudal Mín.	6,236 *	7,323 *	11,285 *	11,285 *	11,285 *	14,558 *	14,558 *	2,332 *	1,822 *	2,332 *	1,822 *	1,028 *	
Día	vv	vv	vv	vv	vv	vv	vv	20	vv	10	vv	vv	
Hora								17		17			
Caudal Medio	9,021	40,050	29,125	11,630	11,285	14,558	29,909	2,802	2,334	4,787	4,808	1,039	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



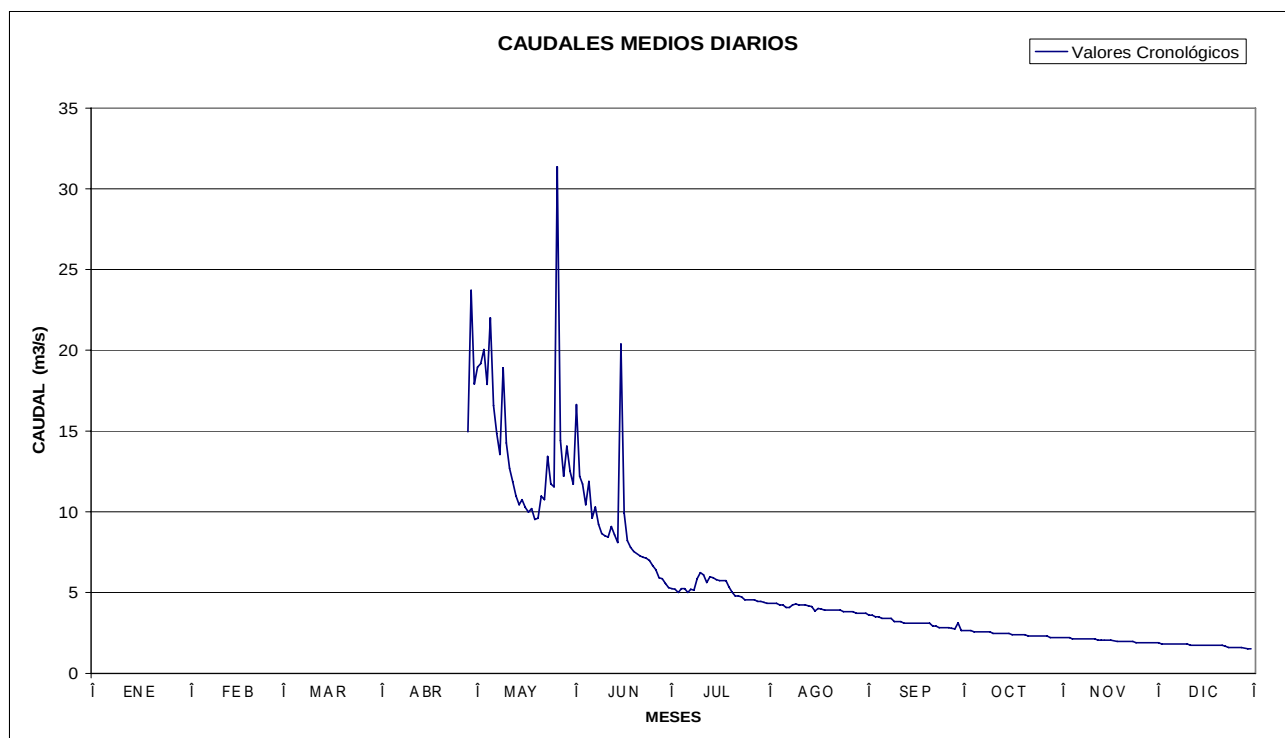
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H503	TENGUEL EN TENGUEL											Area Drenaje:161 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1					17,901 *	11,704 *	5,310 *	4,344 *	3,709 *	2,651 *	2,218 *	1,894 *
2					18,956 *	16,645 *	5,251 *	4,344 *	3,607 *	2,651 *	2,218 *	1,894 *
3					19,175 *	12,195 *	5,193 *	4,344 *	3,607 *	2,651 *	2,218 *	1,816 *
4					20,051 *	11,716 *	5,018 *	4,344 *	3,506 *	2,651 *	2,218 *	1,816 *
5					17,895 *	10,441 *	5,251 *	4,235 *	3,506 *	2,562 *	2,135 *	1,816 *
6					22,011 *	11,871 *	5,251 *	4,235 *	3,407 *	2,562 *	2,135 *	1,816 *
7					16,575 *	9,606 *	5,018 *	4,076 *	3,407 *	2,562 *	2,135 *	1,816 *
8					14,851 *	10,302 *	5,193 *	4,076 *	3,407 *	2,562 *	2,135 *	1,816 *
9					13,537 *	9,232 *	5,134 *	4,235 *	3,407 *	2,562 *	2,135 *	1,816 *
10					18,917 *	8,651 *	5,853 *	4,290 *	3,211 *	2,562 *	2,135 *	1,816 *
11					14,249 *	8,508 *	6,228 *	4,235 *	3,211 *	2,474 *	2,135 *	1,816 *
12					12,692 *	8,437 *	6,101 *	4,235 *	3,211 *	2,474 *	2,135 *	1,739 *
13					11,867 *	9,086 *	5,613 *	4,235 *	3,114 *	2,474 *	2,053 *	1,739 *
14					10,995 *	8,580 *	5,976 *	4,182 *	3,114 *	2,474 *	2,053 *	1,739 *
15					10,439 *	8,087 *	5,914 *	4,128 *	3,114 *	2,474 *	2,053 *	1,739 *
16					10,750 *	20,383 *	5,791 *	3,865 *	3,114 *	2,474 *	2,053 *	1,739 *
17					10,286 *	9,910 *	5,730 *	4,021 *	3,114 *	2,387 *	2,053 *	1,739 *
18					9,980 *	8,227 *	5,730 *	3,969 *	3,114 *	2,387 *	2,013 *	1,739 *
19					10,209 *	7,808 *	5,730 *	3,916 *	3,114 *	2,387 *	1,973 *	1,739 *
20					9,536 *	7,536 *	5,370 *	3,916 *	3,114 *	2,387 *	1,973 *	1,739 *
21					9,604 *	7,399 *	5,020 *	3,916 *	3,114 *	2,387 *	1,973 *	1,739 *
22					10,986 *	7,264 *	4,789 *	3,916 *	2,926 *	2,302 *	1,973 *	1,739 *
23					10,750 *	7,199 *	4,789 *	3,916 *	2,926 *	2,302 *	1,973 *	1,665 *
24					13,428 *	7,131 *	4,733 *	3,916 *	2,833 *	2,302 *	1,973 *	1,590 *
25					11,712 *	6,999 *	4,564 *	3,812 *	2,833 *	2,302 *	1,894 *	1,590 *
26					11,544 *	6,672 *	4,564 *	3,812 *	2,833 *	2,302 *	1,894 *	1,590 *
27					31,374 *	6,417 *	4,564 *	3,812 *	2,833 *	2,302 *	1,894 *	1,590 *
28					14,419 *	5,914 *	4,564 *	3,812 *	2,787 *	2,302 *	1,894 *	1,590 *
29				14,969 *	12,205 *	5,852 *	4,454 *	3,709 *	2,741 *	2,218 *	1,894 *	1,554 *
30				23,731 *	14,061 *	5,550 *	4,454 *	3,709 *	3,124 *	2,218 *	1,894 *	1,518 *
31					12,524 *		4,399 *	3,709 *		2,218 *		1,518 *
Caudal Max.					31,494 *	25,294 *	6,479 *	4,344 *	3,709 *	2,651 *	2,218 *	1,894 *
Día					27	16	11	vv	1	vv	vv	vv
Hora					7	7	7		7			
Caudal Mín.					8,940 *	5,369 *	4,344 *	3,709 *	2,741 *	2,218 *	1,894 *	1,518 *
Día					20	30	31	vv	29	vv	vv	vv
Hora					17	17	17		7			
Caudal Medio					14,306	9,177	5,211	4,041	3,169	2,436	2,048	1,725

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

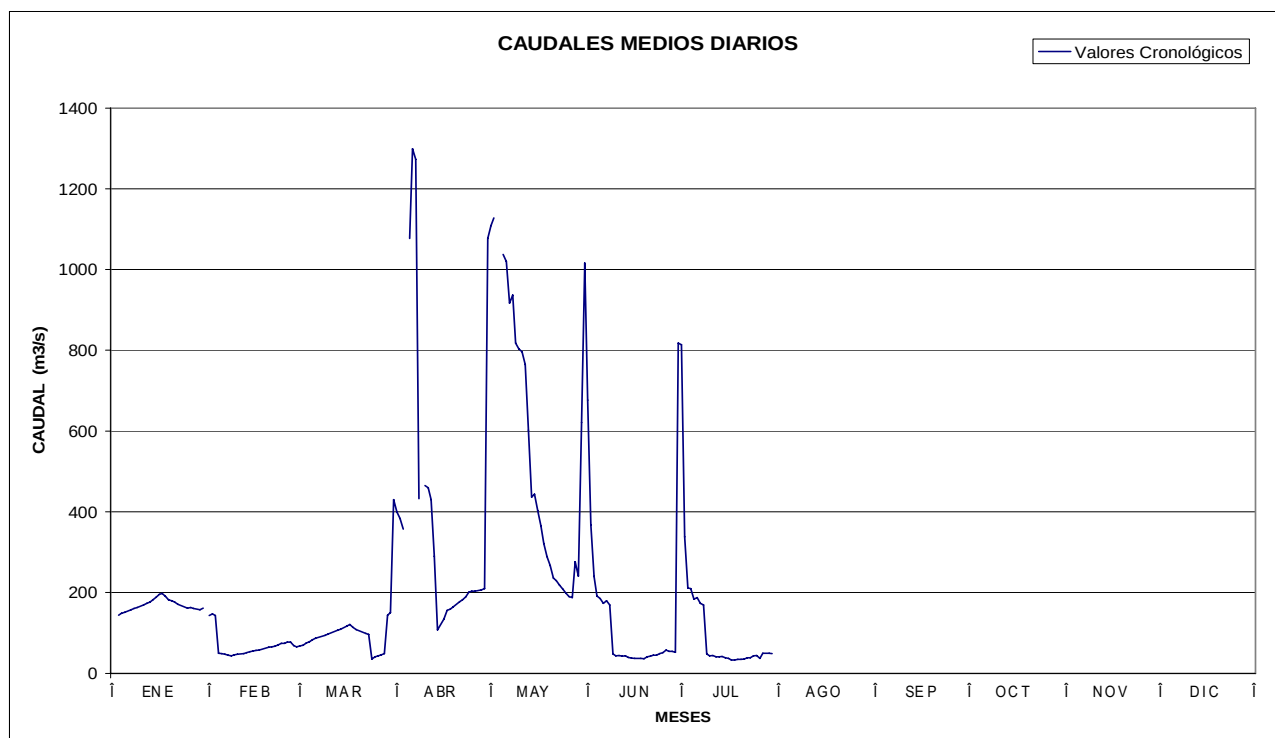


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H529	JUBONES DJ S.FRANCISCO											Area Drenaje:3320 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		143,091 *	65,687 *	430,167 *	1077,155 *	1016,185 *	817,988 *					
2		147,265 *	67,680 *	400,141 *	1108,861 *	676,979 *	814,389 *					
3	143,789 *	143,091 *	69,699 *	383,174 *	1127,308 *	367,173 *	338,268 *					
4	148,669 *	49,356 *	74,863 *	357,245 *		239,952 *	211,301 *					
5	151,495 *	48,920 *	78,563 *			191,723 *	210,019 *					
6	154,344 *	47,189 *	82,891 *	1077,155 *	1037,360 *	184,852 *	183,312 *					
7	157,216 *	44,644 *	86,757 *	1298,869 *	1020,046 *	172,997 *	187,285 *					
8	160,111 *	43,809 *	89,001 *	1273,261 *	916,851 *	179,482 *	173,417 *					
9	163,028 *	45,486 *	91,844 *	432,442 *	936,745 *	169,719 *	168,931 *					
10	165,968 *	47,189 *	94,144 *		817,988 *	48,058 *	48,051 *					
11	168,931 *	48,051 *	97,639 *	464,565 *	803,541 *	43,815 *	43,396 *					
12	173,417 *	48,920 *	100,592 *	459,853 *	796,463 *	44,238 *	44,228 *					
13	176,435 *	51,124 *	103,586 *	430,167 *	764,838 *	42,166 *	41,344 *					
14	182,540 *	53,364 *	106,614 *	290,053 *	601,727 *	43,049 *	41,344 *					
15	188,056 *	55,188 *	109,066 *	107,272 *	436,833 *	39,368 *	41,750 *					
16	194,904 *	57,038 *	112,787 *	120,451 *	443,658 *	37,794 *	38,942 *					
17	197,360 *	57,973 *	116,563 *	134,282 *	403,364 *	36,608 *	37,375 *					
18	190,489 *	59,863 *	120,392 *	155,777 *	365,155 *	36,601 *	33,211 *					
19	182,540 *	62,264 *	114,040 *	159,387 *	321,426 *	36,643 *	33,211 *					
20	179,477 *	64,700 *	108,453 *	164,501 *	289,366 *	35,835 *	34,324 *					
21	176,435 *	65,687 *	105,398 *	171,169 *	267,064 *	40,557 *	34,702 *					
22	171,169 *	66,687 *	101,784 *	177,196 *	235,735 *	42,180 *	35,457 *					
23	167,446 *	70,210 *	98,816 *	182,540 *	229,238 *	45,117 *	38,560 *					
24	164,495 *	73,812 *	95,882 *	189,267 *	218,384 *	45,076 *	38,162 *					
25	161,566 *	73,819 *	35,468 *	201,097 *	209,004 *	48,960 *	42,987 *					
26	163,034 *	76,964 *	40,942 *	203,648 *	198,604 *	51,633 *	44,228 *					
27	160,116 *	77,497 *	42,980 *	203,612 *	189,639 *	57,980 *	37,375 *					
28	158,661 *	68,686 *	45,486 *	204,870 *	187,893 *	54,273 *	49,360 *					
29	157,216 *		48,920 *	206,139 *	276,432 *	54,339 *	50,238 *					
30	161,566 *		143,789 *	209,995 *	240,761 *	52,042 *	49,802 *					
31			150,085 *		621,179 *		48,488 *					
Caudal Max.		147,965 *	152,205 *			1050,485 *	825,261 *					
Día		2	31			1	1					
Hora		18	18			18	7					
Caudal Mín.		43,393 *	33,949 *			33,949 *	32,473 *					
Día		8	25			19	18					
Hora		18	7			7	18					
Caudal Medio	168,588	67,567	90,336	360,296	556,642	137,846	129,401					

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

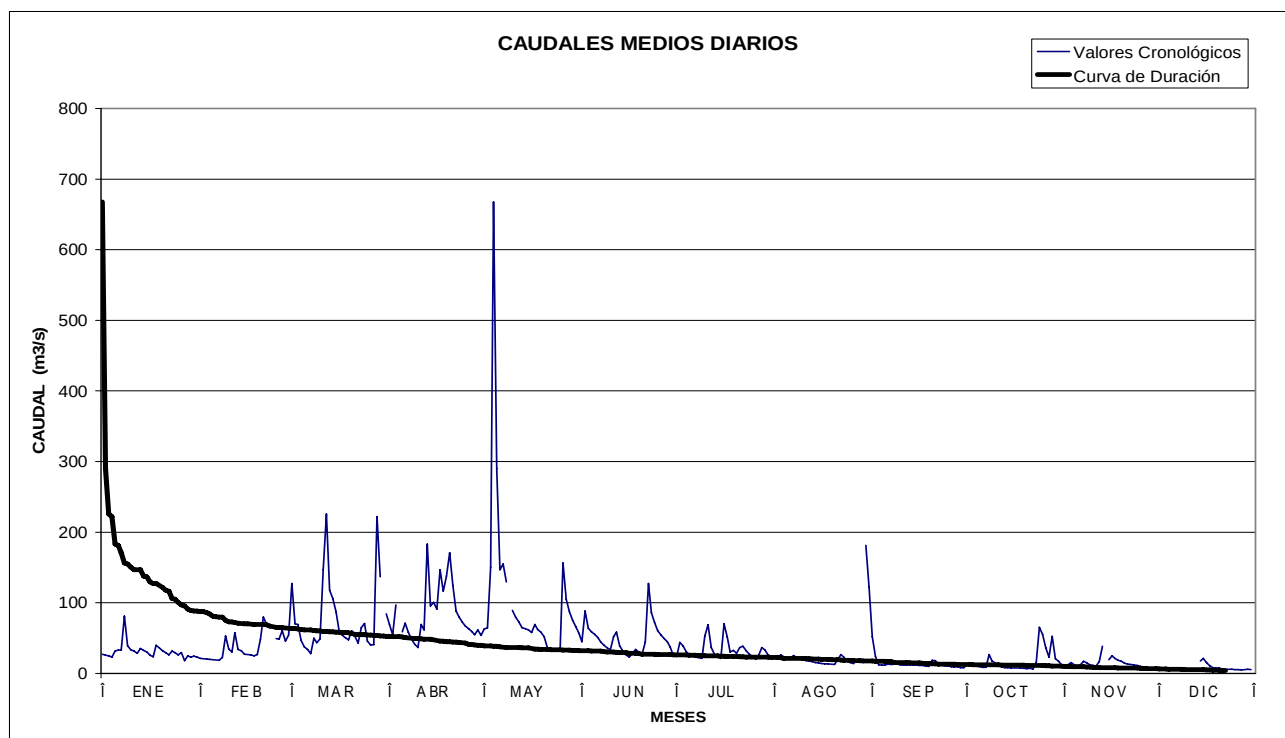


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H530	JUBONES EN USHCURRUMI											Area Drenaje:3580 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	26,895 *	21,355 *	54,248 *	83,986 *	53,416 *	56,439 *	25,045 *	24,274 *	121,674 *	7,764 *	12,127 *	6,615 *
2	25,826 *	20,436 *	127,351 *	69,229 *	62,764 *	44,681 *	23,771 *	22,545 *	51,982 *	12,624 *	9,179 *	6,506 *
3	24,784 *	20,209 *	69,980 *	54,686 *	64,186 *	88,029 *	43,619 *	20,892 *	23,861 *	11,972 *	12,171 *	6,293 *
4	23,028 *	19,762 *	69,229 *	96,827 *	150,132 *	63,716 *	38,593 *	26,093 *	12,127 *	11,031 *	15,115 *	5,780 *
5	31,466 *	19,322 *	46,548 *		667,580 *	58,633 *	30,885 *	23,524 *	11,807 *	10,434 *	11,972 *	5,294 *
6	32,984 *	18,888 *	37,185 *	58,633 *	289,958 *	55,111 *	26,364 *	20,212 *	11,492 *	9,443 *	11,031 *	5,108 *
7	32,696 *	18,250 *	33,618 *	71,153 *	146,698 *	50,502 *	23,771 *	20,238 *	12,953 *	8,386 *	11,967 *	4,926 *
8	80,842 *	22,541 *	27,715 *	57,806 *	154,822 *	43,883 *	22,784 *	25,309 *	12,290 *	8,527 *	17,216 *	4,661 *
9	38,919 *	52,834 *	49,810 *	48,485 *	129,429 *	39,551 *	21,825 *	22,541 *	13,293 *	26,462 *	14,896 *	4,405 *
10	33,299 *	34,247 *	43,143 *	40,991 *		36,171 *	20,892 *	21,355 *	12,784 *	17,483 *	12,130 *	4,322 *
11	31,459 *	30,281 *	48,905 *	36,831 *	89,193 *	33,299 *	52,808 *	19,775 *	11,967 *	14,530 *	11,337 *	4,240 *
12	28,559 *	57,346 *	146,640 *	69,060 *	79,547 *	52,146 *	68,619 *	18,040 *	11,649 *	13,124 *	10,290 *	4,000 *
13	35,200 *	33,618 *	225,782 *	61,364 *	72,626 *	58,209 *	36,306 *	17,421 *	11,492 *	9,443 *	16,442 *	3,921 *
14	32,369 *	31,818 *	117,830 *	182,988 *	64,660 *	38,856 *	26,902 *	16,616 *	12,127 *	8,257 *	38,129 *	
15	29,985 *	27,166 *	106,055 *	95,345 *	63,233 *	31,773 *	23,031 *	15,454 *	11,807 *	7,764 *		17,595 *
16	25,576 *	26,624 *	87,479 *	100,602 *	61,369 *	26,093 *	21,355 *	14,527 *	11,492 *	7,406 *	19,325 *	21,152 *
17	23,274 *	26,089 *	59,134 *	91,054 *	57,740 *	22,791 *	70,107 *	13,990 *	11,337 *	7,406 *	24,805 *	15,373 *
18	39,547 *	24,791 *	53,403 *	146,534 *	69,079 *	28,559 *	51,655 *	13,464 *	10,879 *	7,174 *	21,355 *	10,583 *
19	35,849 *	26,357 *	50,090 *	116,269 *	61,838 *	33,618 *	29,985 *	13,464 *	10,290 *	7,174 *	18,464 *	8,134 *
20	32,062 *	48,321 *	47,308 *	137,743 *	58,182 *	29,700 *	32,369 *	13,121 *	9,718 *	6,947 *	16,817 *	7,643 *
21	29,408 *	79,547 *	60,042 *	170,621 *	52,193 *	26,902 *	28,559 *	12,290 *	18,578 *	6,615 *	14,347 *	7,176 *
22	26,093 *	69,591 *	52,557 *	124,487 *	36,831 *	44,014 *	36,651 *	19,325 *	18,058 *	6,949 *	13,293 *	6,188 *
23	31,762 *		42,842 *	88,029 *	34,551 *	127,351 *	38,235 *	26,624 *	12,464 *	6,293 *	12,618 *	5,880 *
24	29,419 *		64,425 *	80,107 *	33,291 *	85,710 *	32,070 *	23,028 *	11,492 *	14,660 *	11,649 *	5,680 *
25	26,089 *	49,296 *	70,769 *	72,616 *	32,062 *	71,646 *	27,169 *	17,219 *	10,730 *	65,434 *	11,337 *	5,485 *
26	29,126 *	48,632 *	45,762 *	67,081 *	33,337 *	60,042 *	23,778 *	15,268 *	10,003 *	54,809 *	9,864 *	5,201 *
27	17,904 *	60,484 *	40,251 *	63,238 *	156,349 *	54,252 *	19,775 *	13,815 *	9,305 *	35,826 *	8,771 *	4,926 *
28	25,041 *	45,408 *	40,769 *	59,089 *	105,001 *	49,283 *	25,322 *	17,637 *	8,771 *	23,058 *	7,887 *	4,748 *
29	22,791 *		221,884 *	54,686 *	87,439 *	44,631 *	36,831 *	15,460 *	9,657 *	52,452 *	7,290 *	5,294 *
30	24,281 *		136,455 *	61,369 *	75,245 *	36,863 *	32,696 *		8,132 *	20,442 *	6,835 *	5,680 *
31	22,784 *				66,110 *		25,565 *	181,053 *		17,216 *		5,201 *
Caudal Max.	94,603 *					137,743 *	79,527 *		142,487 *	73,132 *		
Día	8					23	11		1	25		
Hora	7					7	18		7	18		
Caudal Mín.	9,718 *					22,062 *	18,888 *		8,132 *	6,293 *		
Día	27					17	27		29	23		
Hora	18					18	18		18	7		
Caudal Medio	30,623	35,893	75,907	84,859	103,629	49,748	32,817	24,153	17,140	16,681	14,092	6,934

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



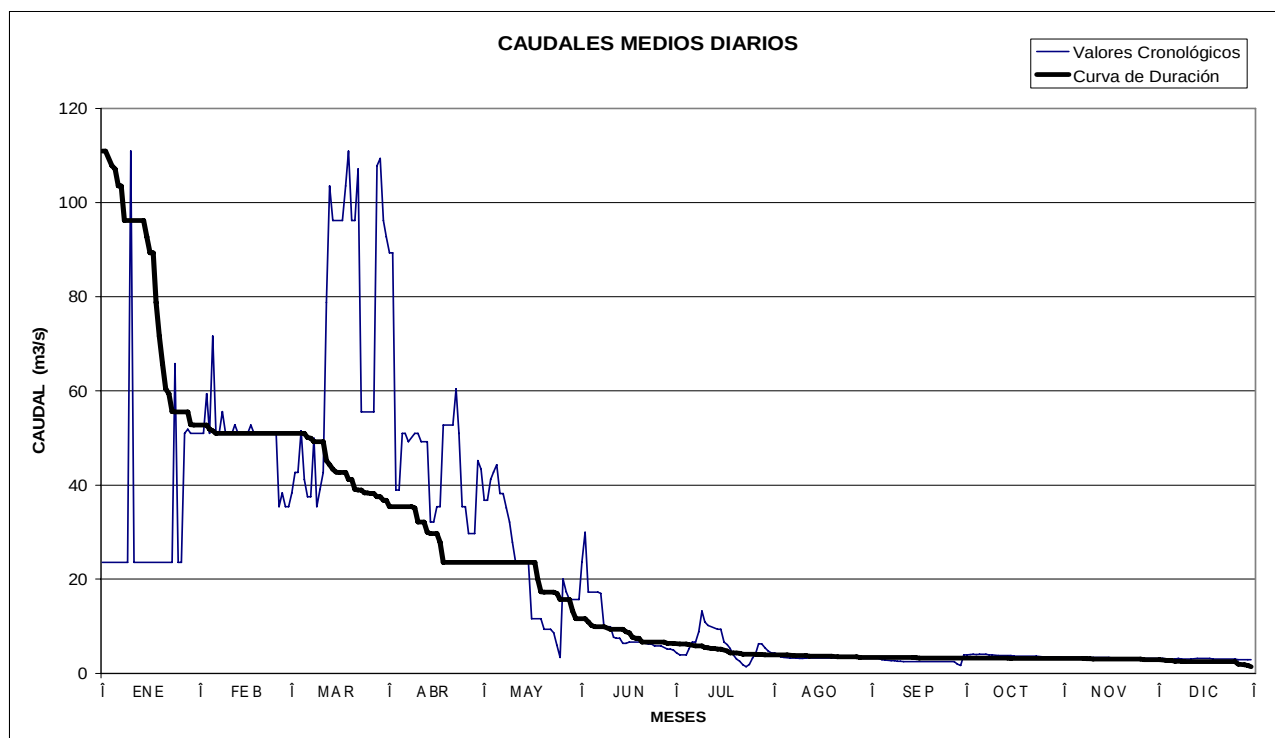
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H574	ARENILLAS EN ARENILLAS												Area Drenaje:520 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	23,602 *	50,994 *	35,412 *	92,767 *	43,370 *	15,683 *	4,960 *	4,332 *	3,136 *	3,902 *	3,378 *	3,136 *	
2	23,602 *	50,994 *	38,284 *	89,361 *	36,790 *	23,602 *	4,349 *	4,332 *	3,136 *	3,902 *	3,378 *	3,136 *	
3	23,602 *	59,418 *	42,691 *	89,361 *	36,790 *	29,968 *	3,902 *	4,042 *	3,136 *	3,972 *	3,378 *	3,136 *	
4	23,602 *	50,994 *	42,691 *	38,929 *	41,156 *	17,245 *	3,902 *	3,505 *	3,136 *	4,042 *	3,378 *	3,078 *	
5	23,602 *	71,655 *	51,548 *	38,929 *	42,712 *	17,245 *	3,902 *	3,378 *	2,906 *	3,972 *	3,378 *	3,019 *	
6	23,602 *	50,994 *	41,156 *	50,994 *	44,267 *	17,245 *	5,251 *	3,316 *	2,851 *	4,042 *	3,378 *	3,019 *	
7	23,602 *	50,994 *	37,493 *	50,994 *	38,206 *	17,245 *	6,600 *	3,255 *	2,796 *	4,042 *	3,378 *	3,019 *	
8	23,602 *	55,608 *	37,493 *	49,248 *	38,206 *	16,929 *	6,600 *	3,255 *	2,689 *	4,042 *	3,378 *	3,136 *	
9	23,602 *	50,994 *	49,961 *	50,121 *	35,169 *	9,890 *	8,807 *	3,255 *	2,689 *	3,902 *	3,378 *	3,019 *	
10	110,912 *	50,994 *	35,412 *	50,994 *	32,131 *	9,890 *	13,203 *	3,136 *	2,585 *	3,902 *	3,378 *	3,019 *	
11	23,602 *	50,994 *	39,052 *	50,994 *	27,867 *	9,890 *	10,886 *	3,195 *	2,535 *	3,834 *	3,378 *	3,019 *	
12	23,602 *	52,808 *	42,691 *	49,248 *	23,602 *	7,666 *	10,162 *	3,255 *	2,484 *	3,766 *	3,378 *	3,019 *	
13	23,602 *	50,994 *	78,811 *	49,248 *	23,602 *	7,443 *	9,892 *	3,255 *	2,484 *	3,766 *	3,378 *	3,078 *	
14	23,602 *	50,994 *	103,542 *	49,248 *	23,602 *	7,443 *	9,622 *	3,255 *	2,484 *	3,766 *	3,378 *	3,136 *	
15	23,602 *	50,994 *	96,173 *	32,131 *	23,602 *	6,401 *	9,360 *	3,255 *	2,484 *	3,766 *	3,378 *	3,136 *	
16	23,602 *	50,994 *	96,173 *	32,131 *	23,602 *	6,401 *	9,360 *	3,255 *	2,484 *	3,766 *	3,378 *	3,136 *	
17	23,602 *	52,785 *	96,173 *	35,412 *	11,609 *	6,600 *	6,600 *	3,255 *	2,484 *	3,633 *	3,255 *	3,136 *	
18	23,602 *	50,994 *	96,173 *	35,412 *	11,609 *	6,600 *	6,110 *	3,255 *	2,484 *	3,633 *	3,255 *	3,136 *	
19	23,602 *	50,994 *	103,542 *	52,785 *	11,609 *	6,600 *	5,249 *	3,255 *	2,484 *	3,633 *	3,255 *	3,019 *	
20	23,602 *	50,994 *	110,912 *	52,785 *	11,609 *	6,600 *	3,930 *	3,255 *	2,484 *	3,633 *	3,255 *	3,019 *	
21	23,602 *	50,994 *	96,173 *	52,785 *	9,360 *	6,600 *	3,019 *	3,255 *	2,484 *	3,633 *	3,255 *	3,019 *	
22	23,602 *	50,994 *	96,173 *	52,785 *	9,360 *	6,403 *	2,564 *	3,255 *	2,484 *	3,633 *	3,255 *	3,019 *	
23	23,602 *	50,994 *	107,132 *	60,406 *	9,360 *	6,205 *	1,796 *	3,255 *	2,484 *	3,633 *	3,255 *	3,019 *	
24	65,793 *	50,994 *	55,556 *	50,994 *	8,604 *	6,205 *	1,415 *	3,255 *	2,484 *	3,633 *	3,136 *	3,019 *	
25	23,602 *	50,994 *	55,556 *	35,412 *	5,991 *	5,828 *	1,853 *	3,255 *	2,484 *	3,568 *	3,136 *	3,019 *	
26	23,602 *	35,412 *	55,556 *	35,412 *	3,378 *	5,828 *	3,257 *	3,255 *	2,484 *	3,504 *	3,136 *	3,019 *	
27	50,994 *	38,284 *	55,556 *	29,669 *	20,026 *	5,828 *	4,262 *	3,255 *	2,484 *	3,504 *	3,136 *	2,906 *	
28	51,890 *	35,412 *	55,556 *	29,669 *	17,299 *	5,476 *	6,303 *	3,255 *	2,484 *	3,504 *	3,136 *	2,906 *	
29	50,994 *		107,842 *	29,669 *	15,683 *	5,124 *	6,205 *	3,255 *	1,982 *	3,504 *	3,136 *	2,906 *	
30	50,994 *		109,377 *	45,202 *	15,683 *	5,124 *	5,385 *	3,136 *	1,662 *	3,504 *	3,136 *	2,906 *	
31	50,994 *		96,173 *		15,683 *		4,728 *	3,136 *		3,504 *		2,906 *	
Caudal Max.	110,912 *	82,905 *	110,912 *	96,173 *	49,248 *	42,691 *	13,536 *	4,332 *	3,136 *	4,042 *	3,378 *	3,136 *	
Día	10	5	20	1	1	3	10	vv	vv	vv	vv	vv	
Hora	7	7	7	7	7	7	7						
Caudal Mín.	23,602 *	35,412 *	35,412 *	29,669 *	3,378 *	5,124 *	1,415 *	3,136 *	1,624 *	3,504 *	3,136 *	2,906 *	
Día	vv	vv	vv	vv	25	vv	24	vv	30	vv	vv	vv	
Hora					17		17		17				
Caudal Medio	32,227	50,759	69,872	48,770	22,953	10,173	5,917	3,350	2,582	3,743	3,293	3,039	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



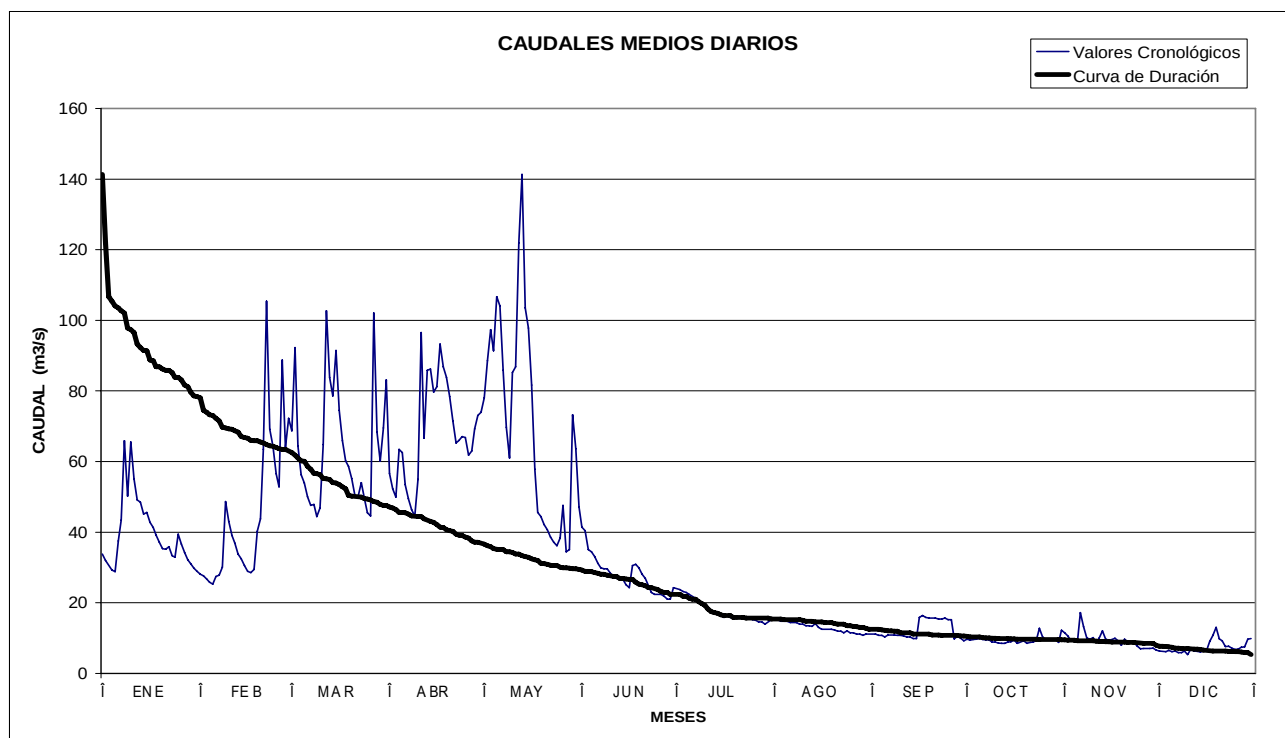
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H587	PINDO AJ AMARILLO											Area Drenaje:543 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	33,772	28,007	72,217	83,162	73,932 *	47,140 *	24,269 *	15,210 *	11,088 *	9,270	12,244	6,593
2	31,961	27,560	68,658	56,599	78,044 *	41,439 *	23,989 *	15,210 *	11,088 *	9,621	11,435	6,315
3	30,582	26,718	92,207	52,282	88,539 *	40,345 *	23,713 *	15,210 *	11,088 *	9,343	10,518	6,236
4	29,220	25,855	64,459	49,937	97,302 *	35,096 *	23,161 *	14,769 *	10,711 *	9,554	9,197	6,097
5	28,749	25,271	56,221	63,487	91,340 *	34,424 *	22,892 *	14,769 *	10,711 *	9,633	9,509	6,526
6	37,523	27,389	53,913	62,508	106,682 *	33,099 *	22,350 *	14,769 *	10,341 *	9,785	9,102	6,087
7	43,400	27,825	50,004	53,432	104,050 *	31,160 *	21,814 *	14,334 *	10,900 *	9,521	17,221	6,353
8	65,898	30,042	47,518	49,459	85,822 *	29,900 *	21,285 *	14,334 *	10,900 *	9,494	13,182	5,906
9	50,218	48,600	47,818	46,352	69,692 *	29,588 *	20,239 *	14,334 *	10,900 *	9,496	10,055	5,810
10	65,464	43,068	44,324	44,478	60,936 *	29,588 *	19,729 *	13,905 *	10,711 *	8,868	9,644	6,280
11	55,047	39,074	46,819	54,926	85,236 *	28,360 *	19,226 *	13,905 *	10,711 *	8,797	10,105	5,245
12	49,120	36,859	64,783	96,505	86,800 *	27,458 *	18,239 *	13,483 *	10,526 *	8,563	8,763	6,831
13	48,512	33,824	102,642	66,616	121,924 *	26,863 *	17,515 *	13,483 *	10,341 *	8,516	10,039	6,354
14	45,056	32,438	83,871	85,843	141,274 *	26,568 *	17,041 *	13,275 *	10,341 *	8,480	12,025	6,229
15	45,517	30,474	78,594	86,211	103,549 *	26,568 *	16,574 *	14,139 *	9,799 *	8,870	9,697	6,009
16	42,788	28,907	91,443	79,685	97,750 *	25,119 *	16,343 *	13,068 *	9,799 *	8,947	9,347	6,334
17	41,285	28,517	74,487	81,194	81,651 *	24,269 *	15,885 *	12,457 *	15,885 *	9,427	9,584	6,380
18	39,118	29,451	65,864	93,275	57,779 *	30,533 *	16,343 *	12,457 *	16,343 *	8,495	9,963	9,019
19	37,086	40,218	60,135	86,852	45,574 *	30,842 *	15,885 *	12,457 *	15,885 *	8,827	9,244	10,705
20	35,330	43,724	58,629	83,887	44,428 *	29,900 *	15,658 *	12,457 *	15,658 *	9,167	7,917	12,997
21	35,177	63,424	55,236	78,373	42,177 *	28,058 *	15,658 *	12,256 *	15,658 *	8,450	9,653	9,769
22	35,881	105,374	50,374	71,500	40,709 *	26,863 *	15,661 *	11,860 *	15,661 *	8,749	8,953	9,277
23	33,372	69,163	50,144	65,270	38,555 *	24,837 *	15,434 *	11,860 *	15,434 *	8,790	9,052	7,596
24	32,929	64,326	54,043	65,906	37,152 *	22,885 *	15,434 *	11,471 *	15,434 *	9,238	8,669	7,688
25	39,430	56,553	49,332	67,058	36,119 *	22,343 *	15,658 *	12,065 *	15,658 *	12,769	7,616	7,100
26	36,625	52,828	45,469	66,800	38,282 *	22,343 *	15,210 *	11,471 *	15,210 *	10,273	6,967	6,810
27	34,214	88,715	44,570	61,775	47,540 *	22,343 *	14,989 *	11,471 *	15,210 *	9,557	6,999	6,881
28	32,204	63,947	102,013	63,028	34,424 *	21,807 *	14,551 *	11,088 *	9,771	9,670	6,999	7,392
29	31,045		68,357	69,257	35,103 *	21,015 *	14,551 *	11,088 *	10,461	9,507	6,999	7,492
30	29,801		60,088	73,057 *	73,228 *	21,015 *	13,908 *	10,711 *	9,986	9,610	7,136	9,618
31	28,888		69,528	63,573 *			14,551 *	11,088 *		8,741		9,875
Caudal Max.	148,049	197,246	296,781	240,072	148,049 *	48,706 *	24,269 *	15,210 *	16,573 *	15,658	22,074	20,495
Día	10	27	28	5	14	1	1	vv	18	25	7	17
Hora	16			23	7	7	7		7	8	23	23
Caudal Mín.	27,159	24,834	42,547	44,048	34,089 *	21,015 *	13,483 *	10,711 *	9,270	7,934	6,701	4,794
Día	31	6	27	10	29	vv	30	30	28	23	30	11
Hora	22	13	15	21	7		17	7	16	20	17	14
Caudal Medio	39,523	43,505	63,670	68,624	71,263	28,726	17,992	13,047	12,407	9,291	9,595	7,348

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



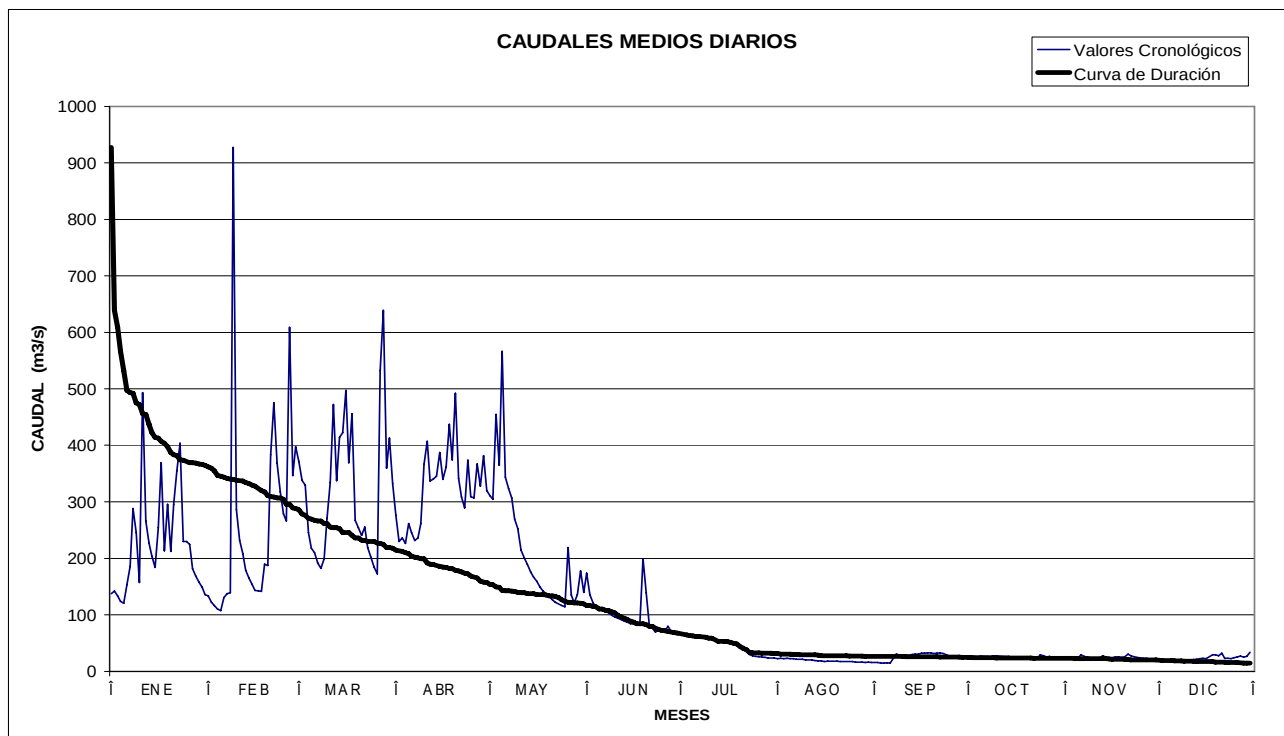
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H591	PUYANGO EN CPTO.MILITAR (PTE.CARRETERA)												Area Drenaje:2790 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC		
1	137,264 *	133,594 *	397,791 *	332,443 *	319,734 *	139,658 *	66,400	23,842	15,461	26,979	23,593 *	22,933 *		
2	141,907 *	121,848 *	371,547 *	276,423 *	310,734 *	173,645 *	68,218	22,365	15,416	25,966	25,643 *	20,487 *		
3	133,467 *	116,288 *	338,265 *	229,791 *	304,443 *	135,727 *	65,444	22,747	15,461	26,439	24,095 *	19,810 *		
4	123,983 *	110,234 *	329,790 *	235,733 *	454,769 *	121,151 *	64,378	22,365	14,342	26,439	24,095 *	19,810 *		
5	120,520 *	107,596 *	245,507 *	226,231 *	364,714 *	114,939 *	63,308	22,812	14,191	26,048	23,343 *	19,587 *		
6	153,473 *	130,542 *	218,053 *	261,683 *	566,700 *	110,224 *	62,809	22,283	15,076	26,934	22,851 *	20,260 *		
7	185,397 *	137,264 *	209,996 *	245,638 *	343,893 *	108,253 *	61,671	22,315	14,220	26,509	29,147 *	19,810 *		
8	288,352 *	139,143 *	191,600 *	231,462 *	323,721 *	105,009 *	60,815	21,516	22,687	26,439	26,173 *	19,810 *		
9	245,774 *	927,638 *	182,285 *	235,980 *	306,914 *	103,730 *	61,706	20,947	30,365	25,906	25,120 *	19,366 *		
10	157,223 *	285,948 *	199,384 *	261,228 *	269,440 *	98,712 *	60,479	20,947	29,489	26,979	24,095 *	18,929 *		
11	493,261 *	231,903 *	270,437 *	366,076 *	252,287 *	96,263 *	58,993	20,487	25,826	27,488	23,097 *	18,712 *		
12	266,402 *	208,012 *	333,853 *	407,257 *	214,927 *	93,851 *	58,669	20,379	27,851	26,979	23,593 *	18,929 *		
13	227,083 *	178,679 *	472,256 *	337,098 *	201,079 *	91,479 *	55,869	19,919	28,822	26,769	24,095 *	20,516 *		
14	203,990 *	165,529 *	337,274 *	340,482 *	188,748 *	89,145 *	52,959	19,146	29,783	26,680	27,540 *	20,950 *		
15	184,111 *	153,843 *	413,744 *	345,501 *	175,989 *	86,849 *	52,131	18,712	30,365	26,521	25,383 *	22,378 *		
16	254,529 *	143,401 *	422,687 *	387,581 *	167,230 *	84,590 *	52,959	18,712	30,657	23,842 *	24,095 *	22,608 *		
17	369,363 *	142,668 *	497,661 *	339,587 *	159,595 *	84,035 *	52,959	17,523	31,785	23,846 *	24,348 *	22,378 *		
18	213,243 *	141,200 *	369,372 *	361,816 *	149,754 *	84,590 *	51,389	17,862	31,885	23,593 *	25,380 *	25,643 *		
19	295,693 *	189,670 *	456,323 *	437,317 *	142,625 *	82,370 *	49,695	17,901	32,498	23,097 *	25,643 *	29,382 *		
20	212,046 *	187,015 *	266,925 *	374,556 *	137,232 *	199,136 *	48,705	17,849	32,411	23,097 *	24,604 *	29,212 *		
21	295,693 *	383,536 *	254,397 *	492,272 *	131,994 *	139,040 *	40,145	17,701	31,551	22,365 *	25,664 *	27,824 *		
22	354,803 *	475,400 *	240,475 *	341,269 *	126,845 *	79,649 *	44,246	17,468	31,961	22,365 *	30,096 *	32,055 *		
23	403,534 *	368,733 *	255,132 *	308,216 *	121,848 *	75,929 *	38,347	17,037	32,576	22,365 *	27,253 *	22,904 *		
24	230,024 *	317,563 *	219,414 *	289,520 *	119,043 *	69,433 *	29,783	17,082	31,500	23,097 *	25,910 *	22,608 *		
25	229,791 *	278,682 *	202,041 *	373,724 *	116,288 *	73,865 *	27,483	17,037	29,077	29,265 *	24,604 *	22,378 *		
26	225,000 *	265,824 *	184,180 *	309,505 *	114,252 *	72,328 *	26,608	17,297	26,486	27,810 *	23,593 *	24,102 *		
27	181,467 *	609,010 *	172,446 *	306,934 *	219,389 *	71,350	25,497	16,161	27,526	25,380 *	23,097 *	25,120 *		
28	168,960 *	346,435 *	532,607 *	366,831 *	135,301 *	80,020	25,380	16,187	26,439	26,443 *	22,608 *	27,066 *		
29	157,927 *		638,994 *	327,486 *	121,151 *	70,313	24,765	16,237	27,223	24,102 *	21,885 *	25,120 *		
30	148,945 *		359,894 *	381,723 *	135,940 *	68,055	23,842	15,652	26,095	23,842 *	21,413 *	26,494 *		
31	135,748 *		413,070 *		177,766 *		23,842	16,102		23,846 *		33,770 *		
Caudal Max.	817,569 *	1364,934 *	880,186 *	511,038 *	692,458 *	200,099 *	68,339	23,842	33,383	31,551 *	35,929 *	36,584 *		
Día	11	9	28	21	6	20	2	1	23	25	7	22		
Hora	7	7	17	7	7	7	10	12	15	17	17	7		
Caudal Mín.	114,919 *	106,944 *	172,446 *	211,897 *	112,220 *	64,496 *	23,842	15,461	13,980	22,365 *	21,413 *	18,712 *		
Día	5	5	27	3	26	30	vv	30	8	vv	30	10		
Hora	7	7	7	17	17	17		1	4		7	7		
Caudal Medio	223,838	249,900	322,497	324,379	221,753	100,111	48,371	19,180	25,967	25,401	24,735	23,256		

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



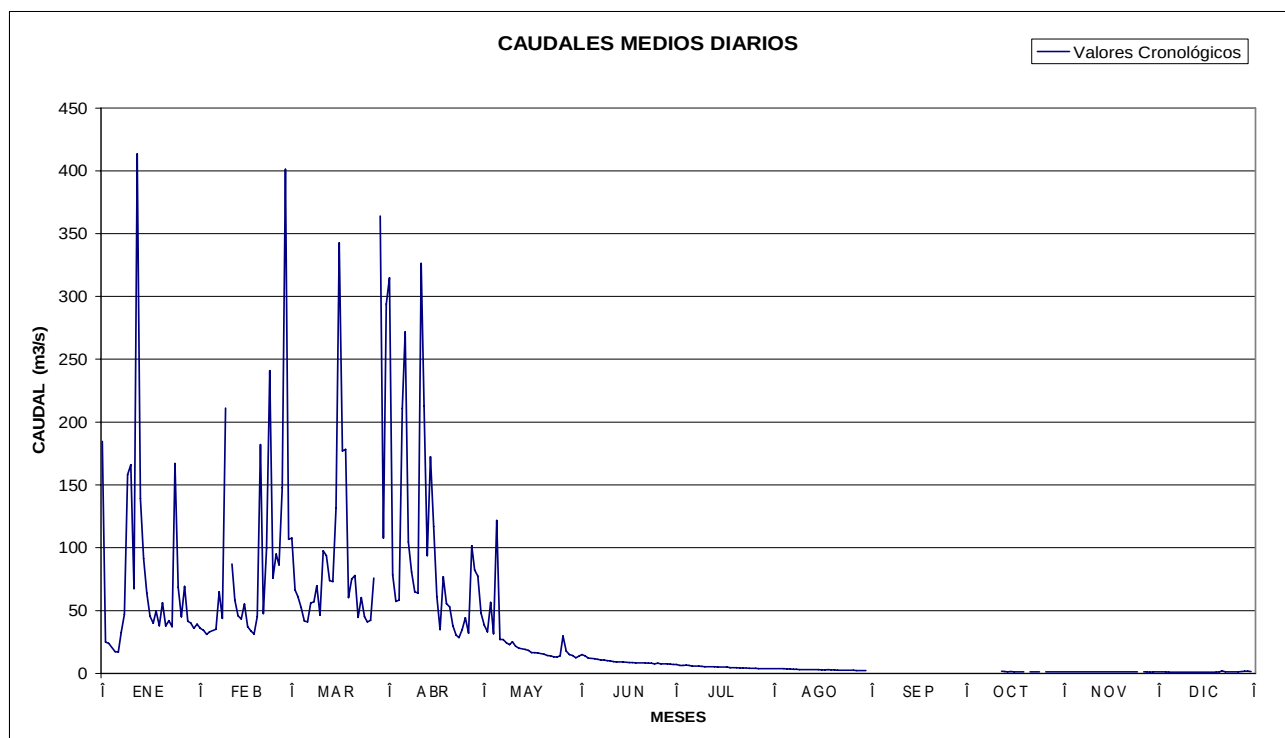
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H616	ALAMOR EN SAUCILLO(DJ CELICA)											Area Drenaje:575 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	184,628	35,882	106,693	294,086	47,668 *	13,634 *	6,910 *	3,698 *			1,214 *	1,031 *
2	24,917	34,339	107,756	314,923	38,423 *	14,739 *	6,910 *	3,698 *			1,315 *	1,031 *
3	24,007	30,829	66,272	78,451	33,085 *	13,832 *	6,281 *	3,698 *			1,214 *	1,031 *
4	20,525	33,082	61,070	57,197	56,500 *	12,141 *	6,281 *	3,698 *			1,214 *	1,031 *
5	17,120	34,105	52,328	58,118	31,446 *	11,782 *	6,487 *	3,575 *			1,214 *	0,911 *
6	16,936	34,936	41,538	210,852	121,714 *	11,609 *	6,086 *	3,452 *			1,214 *	0,949 *
7	32,510	64,883	41,032	271,865	26,845 *	11,096 *	5,901 *	3,452 *			1,166 *	0,873 *
8	47,190	43,881	55,929	104,613	26,818 *	10,764 *	5,707 *	3,219 *			1,119 *	0,873 *
9	158,242	211,113	56,986	80,674	24,461 *	10,609 *	5,891 *	3,110 *			1,119 *	0,873 *
10	166,088		69,726	64,862	22,902 *	10,123 *	5,522 *	3,000 *			1,315 *	0,873 *
11	67,426	87,037	46,325	64,002	25,188 *	9,813 *	5,348 *	3,000 *			1,166 *	0,873 *
12	413,422	58,109	97,472	326,318	21,614 *	9,362 *	5,173 *	3,000 *			1,119 *	0,873 *
13	139,269	45,627	93,559	212,556	19,968 *	9,214 *	5,173 *	2,794 *		1,601 *	1,166 *	0,873 *
14	91,439	43,310	73,872	93,739	19,572 *	9,217 *	5,173 *	2,794 *		1,481 *	1,166 *	0,873 *
15	63,806	55,159	72,875	172,415	18,986 *	9,069 *	5,008 *	2,897 *		1,315 *	1,214 *	0,873 *
16	45,413	37,140	131,700	116,890	18,224 *	8,784 *	4,844 *	3,000 *		1,369 *	1,166 *	0,873 *
17	39,932	33,644	342,485	60,975	16,409 *	8,642 *	4,844 *	2,697 *		1,264 *	1,119 *	0,873 *
18	49,471	31,299	177,029	34,787 *	16,409 *	8,504 *	4,844 *	2,600 *		1,264 *	1,119 *	0,838 *
19	37,824	45,152	178,202	76,823 *	16,235 *	8,367 *	4,532 *	2,794 *		1,214 *	1,119 *	0,952 *
20	56,189	182,030	60,236	55,527 *	15,718 *	8,232 *	4,532 *	2,697 *		1,315 *	1,119 *	0,949 *
21	37,578	47,518	75,231	52,716 *	15,213 *	8,367 *	4,532 *	2,600 *			1,119 *	1,034 *
22	41,918	99,203	77,822	37,839 *	14,231 *	8,367 *	4,238 *	2,509 *		1,214 *	1,166 *	1,955 *
23	37,070	241,123	44,449	30,561 *	13,832 *	8,097 *	4,238 *	2,418 *		1,214 *	1,166 *	1,264 *
24	167,010	75,972	60,188	28,303 *	13,248 *	8,070 *	4,099 *	2,418 *		1,214 *	1,119 *	1,264 *
25	68,441	94,995	45,124	34,787 *	12,874 *	7,586 *	3,960 *	2,333 *		1,214 *	1,031 *	1,264 *
26	44,926	86,340	40,829	44,193 *	14,029 *	8,026 *	3,960 *	2,418 *				1,214 *
27	69,115	147,672	42,278	31,980 *	29,624 *	7,586 *	3,960 *	2,333 *		1,214 *	1,119 *	1,264 *
28	41,451	401,316	75,711	101,507 *	17,851 *	7,586 *	3,698 *	2,247 *		1,214 *	1,031 *	1,427 *
29	40,203			82,221 *	15,046 *	7,586 *	3,698 *	2,247 *		1,214 *	0,990 *	1,601 *
30	35,823		363,996	77,287 *	14,231 *	7,357 *	3,698 *	2,167 *		1,214 *	1,031 *	1,729 *
31	39,047		107,577		12,499 *		3,698 *	2,247 *		1,214 *		1,481 *
Caudal Max.	682,123			1632,118	213,063 *	15,046 *	7,127 *	3,698 *				2,247 *
Día	12			2	6	2	2	vv				22
Hora	2			6	7	7	7					7
Caudal Mín.	16,409			26,335 *	12,499 *	7,127 *	3,698 *	2,086 *				0,802 *
Día	6			23	25	26	vv	30				18
Hora	17			17	6	18		18				7
Caudal Medio	74,804	86,507	95,543	109,036	25,512	9,605	5,007	2,865			1,150	1,091

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



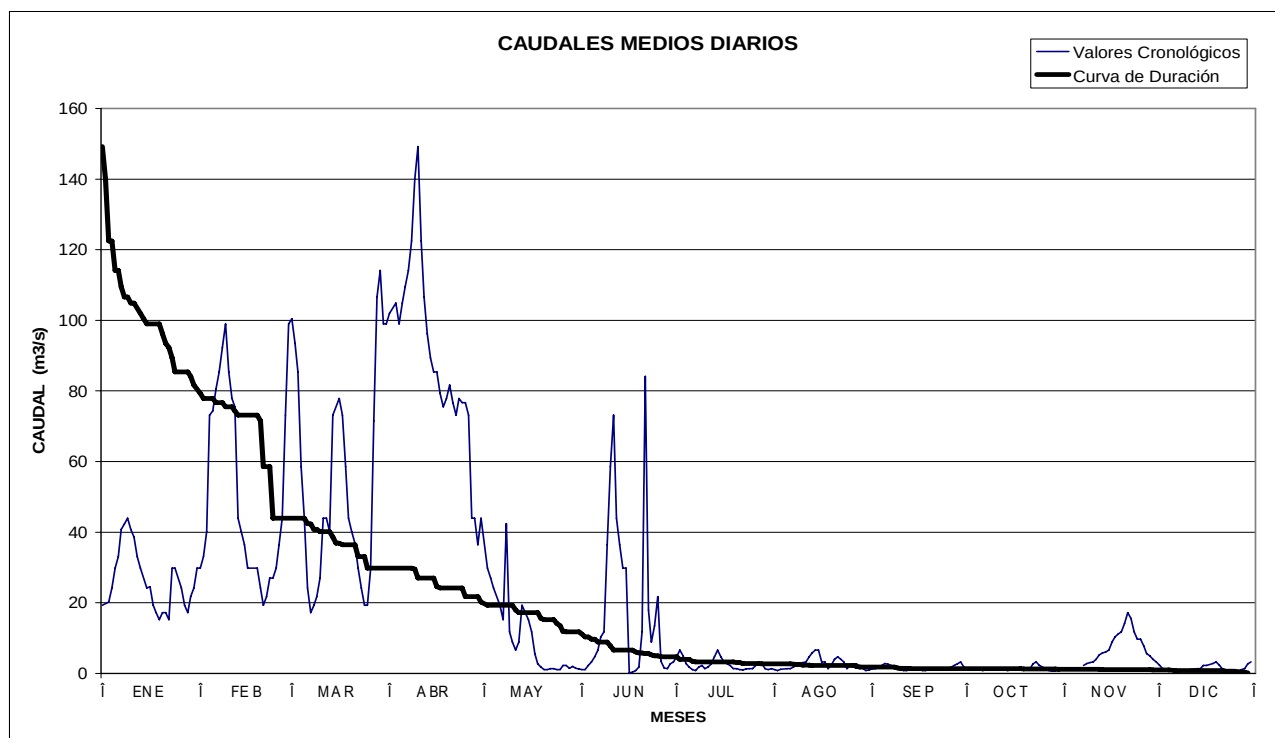
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H617	ARENAL EN PTE. BOQUERON											Area Drenaje: 1130 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	19,292 *	29,822 *	99,017 *	99,017 *	43,918 *	1,234 *	3,261 *	1,360 *	0,952 *	1,762 *	1,360 *	3,261 *
2	19,747 *	33,104 *	100,468 *	101,918 *	36,870 *	1,078 *	4,705 *	1,078 *	1,234 *	1,360 *	1,078 *	2,310 *
3	20,202 *	40,151 *	93,392 *	103,399 *	29,822 *	1,078 *	6,556 *	0,795 *	1,360 *	1,295 *	0,952 *	1,360 *
4	24,150 *	73,149 *	85,386 *	104,880 *	26,986 *	2,164 *	4,908 *	1,108 *	1,762 *	1,229 *	1,108 *	1,234 *
5	29,822 *	74,319 *	58,533 *	99,017 *	24,150 *	3,261 *	2,713 *	1,234 *	2,164 *	1,169 *	1,360 *	1,108 *
6	33,104 *	80,438 *	43,918 *	104,880 *	21,721 *	4,705 *	1,762 *	1,360 *	2,784 *	1,108 *	1,387 *	0,795 *
7	40,783 *	85,386 *	24,150 *	109,506 *	19,292 *	6,556 *	1,078 *	1,360 *	2,565 *	0,795 *		0,609 *
8	42,350 *	92,202 *	17,233 *	114,132 *	15,174 *	10,299 *	0,795 *	1,762 *	2,164 *	0,952 *	2,164 *	0,422 *
9	43,918 *	99,017 *	19,292 *	122,477 *	42,437 *	11,725 *	1,762 *	2,474 *	1,762 *	1,108 *	2,784 *	0,891 *
10	40,783 *	85,386 *	21,721 *	140,003 *	11,725 *	36,385 *	2,164 *	2,784 *	1,360 *	1,360 *	3,022 *	0,795 *
11	38,584 *	77,882 *	26,986 *	149,184 *	8,874 *	58,533 *	1,360 *	3,022 *	1,078 *	1,360 *	3,261 *	0,795 *
12	33,104 *	75,489 *	43,918 *	122,477 *	6,556 *	73,149 *	1,762 *	3,261 *	0,795 *	1,229 *	3,983 *	1,108 *
13	29,822 *	43,918 *	43,918 *	106,574 *	8,874 *	43,918 *	2,713 *	4,705 *	0,795 *	1,169 *	5,234 *	1,108 *
14	26,986 *	40,151 *	40,151 *	96,204 *	19,292 *	36,385 *	4,705 *	5,763 *	1,108 *	0,952 *	5,763 *	1,360 *
15	24,150 *	36,385 *	73,149 *	89,389 *	17,233 *	29,822 *	6,556 *	6,556 *	1,360 *	0,795 *	5,975 *	1,360 *
16	24,557 *	29,822 *	75,489 *	85,386 *	15,174 *	29,822 *	4,705 *	6,556 *	1,360 *	0,952 *	6,556 *	2,164 *
17	19,292 *	29,822 *	77,882 *	85,386 *	11,725 *	0,194 *	3,261 *	3,261 *	1,178 *	1,108 *	8,874 *	2,164 *
18	17,233 *	29,822 *	73,149 *	79,267 *	5,631 *	0,270 *	2,713 *	3,261 *	0,795 *	1,234 *	10,232 *	2,474 *
19	15,174 *	29,822 *	58,533 *	75,515 *	2,713 *	0,777 *	2,164 *	1,360 *	0,795 *	1,234 *	11,121 *	2,784 *
20	17,233 *	24,150 *	43,918 *	77,882 *	1,762 *	1,762 *	1,360 *	2,310 *	1,108 *	1,052 *	11,725 *	3,261 *
21	17,233 *	19,292 *	40,151 *	81,634 *	1,078 *	11,839 *	1,360 *	3,983 *	1,108 *	1,234 *	14,101 *	2,310 *
22	15,174 *	21,721 *	36,870 *	76,679 *	1,078 *	84,108 *	1,078 *	4,705 *	1,234 *	1,360 *	17,233 *	1,360 *
23	29,822 *	26,986 *	29,822 *	73,149 *	1,360 *	17,937 *	0,952 *	3,983 *	1,360 *	2,713 *	15,508 *	1,078 *
24	29,822 *	26,986 *	24,150 *	77,882 *	1,360 *	8,874 *	1,234 *	3,261 *	1,360 *	3,261 *	11,725 *	0,795 *
25	26,986 *	29,822 *	19,292 *	76,686 *	1,078 *	13,449 *	1,360 *	1,360 *	1,295 *	2,164 *	9,695 *	0,795 *
26	24,150 *	36,385 *	19,292 *	76,686 *	1,078 *	21,721 *	1,360 *	2,164 *	1,295 *	1,762 *	9,695 *	0,422 *
27	19,292 *	43,918 *	29,546 *	73,149 *	2,164 *	3,435 *	2,164 *	2,713 *	1,762 *	1,360 *	7,715 *	0,609 *
28	17,233 *	73,149 *	71,467 *	43,918 *	2,188 *	1,480 *	2,784 *	2,713 *	2,164 *	0,795 *	5,631 *	1,078 *
29	21,721 *		106,574 *	43,918 *	1,389 *	1,360 *	2,784 *	1,762 *	2,713 *	0,609 *	4,908 *	1,360 *
30	24,150 *		114,132 *	36,385 *	1,987 *	2,713 *	1,360 *	1,360 *	3,261 *	0,609 *	3,983 *	2,713 *
31	29,822 *		99,017 *		1,389 *		1,078 *	0,795 *		1,078 *		3,261 *
Caudal Max.	43,917 *	99,017 *	114,132 *	149,184 *	73,149 *	85,386 *	6,556 *	6,556 *	3,261 *	3,261 *		3,261 *
Día	9	9	30	11	9	22	vv	vv	30	24		vv
Hora	8	8	8	8	8	8			7	7		
Caudal Mín.	15,174 *	19,292 *	15,174 *	36,385 *	0,795 *	0,194 *	0,795 *	0,795 *	0,795 *	0,422 *		0,422 *
Día	vv	21	8	30	21	17	22	vv	vv	29		vv
Hora		17	8	17	17	17	17			17		
Caudal Medio	26,312	49,589	55,178	90,886	12,454	17,334	2,533	2,715	1,534	1,296	6,487	1,521

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



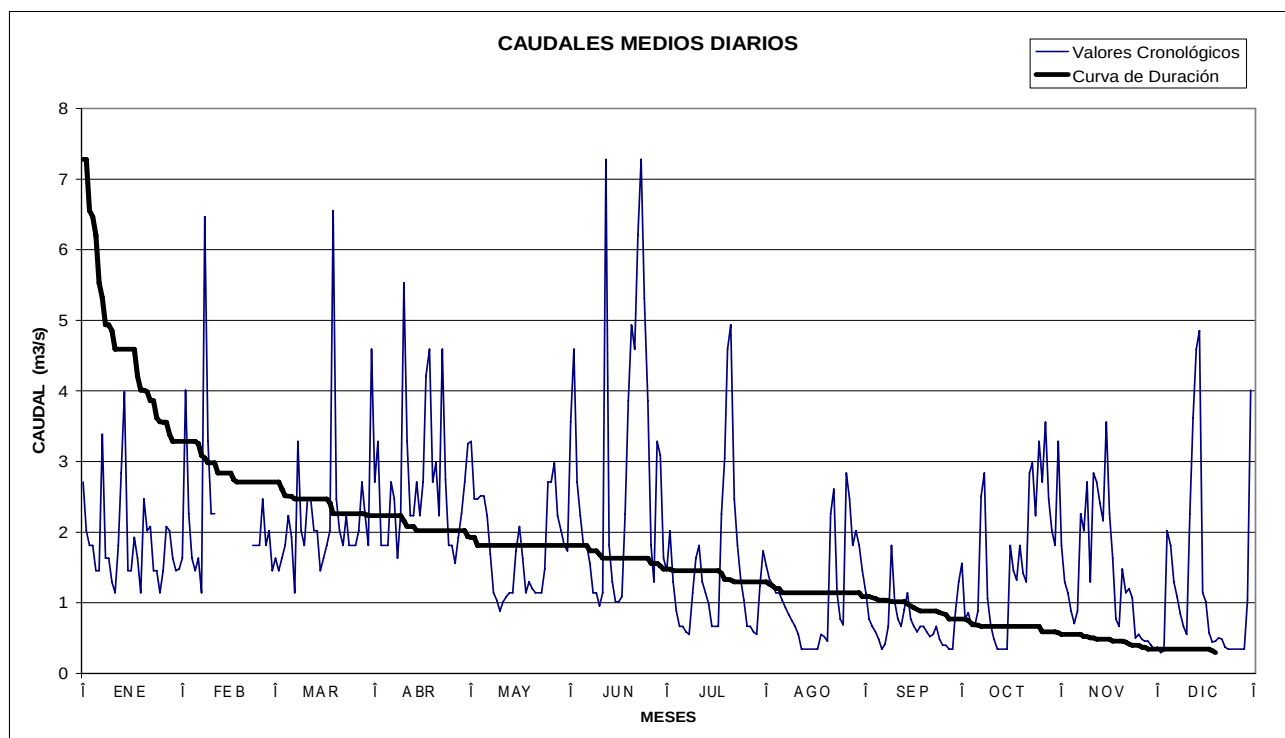
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H627	UCHIMA AJ CHAMBA											Area Drenaje:48 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2,708 *	1,631 *	1,451 *	4,590 *	3,252 *	1,736 *	1,631 *	1,736 *	1,451 *	1,296 *	3,286 *	0,343 *
2	2,021 *	4,012 *	1,631 *	2,708 *	3,286 *	3,564 *	1,451 *	1,519 *	1,142 *	1,556 *	1,812 *	0,369 *
3	1,812 *	2,260 *	1,451 *	3,286 *	2,469 *	4,590 *	2,021 *	1,330 *	0,772 *	0,772 *	1,296 *	0,295 *
4	1,812 *	1,631 *	1,631 *	1,812 *	2,469 *	2,708 *	1,296 *	1,263 *	0,663 *	0,857 *	1,142 *	0,319 *
5	1,451 *	1,451 *	1,812 *	1,812 *	2,514 *	2,230 *	0,880 *	1,142 *	0,587 *	0,663 *	0,881 *	2,021 *
6	1,451 *	1,631 *	2,230 *	1,812 *	2,509 *	1,812 *	0,663 *	1,142 *	0,486 *	0,663 *	0,704 *	1,812 *
7	3,383 *	1,142 *	1,934 *	2,708 *	2,230 *	1,812 *	0,663 *	1,032 *	0,343 *	0,880 *	0,880 *	1,296 *
8	1,631 *	6,466 *	1,142 *	2,469 *	1,686 *	1,556 *	0,587 *	0,929 *	0,414 *	2,503 *	2,260 *	1,087 *
9	1,631 *	3,286 *	3,286 *	1,631 *	1,142 *	1,142 *	0,552 *	0,833 *	0,663 *	2,838 *	2,021 *	0,847 *
10	1,296 *	2,260 *	2,021 *	2,260 *	1,035 *	1,142 *	1,142 *	0,745 *	1,812 *	1,057 *	2,708 *	0,663 *
11	1,142 *	2,260 *	1,812 *	5,528 *	0,880 *	0,956 *	1,631 *	0,663 *	1,011 *	0,683 *	1,296 *	0,552 *
12	1,812 *		2,469 *	3,286 *	1,011 *	1,142 *	1,812 *	0,552 *	0,772 *	0,485 *	2,838 *	2,260 *
13	2,838 *		2,469 *	2,230 *	1,087 *	7,279 *	1,296 *	0,343 *	0,663 *	0,343 *	2,708 *	3,616 *
14	3,987 *		2,021 *	2,230 *	1,142 *	1,812 *	1,142 *	0,343 *	0,902 *	0,343 *	2,415 *	4,590 *
15	1,451 *		2,021 *	2,708 *	1,142 *	1,296 *	0,980 *	0,343 *	1,142 *	0,343 *	2,161 *	4,854 *
16	1,451 *		1,451 *	2,230 *	1,731 *	1,011 *	0,663 *	0,343 *	0,772 *	0,343 *	3,558 *	1,142 *
17	1,925 *		1,631 *	2,708 *	2,079 *	1,011 *	0,663 *	0,343 *	0,663 *	1,812 *	2,260 *	1,011 *
18	1,631 *		1,812 *	4,208 *	1,631 *	1,087 *	0,663 *	0,343 *	0,587 *	1,451 *	1,631 *	0,574 *
19	1,142 *		2,021 *	4,590 *	1,142 *	2,255 *	2,260 *	0,552 *	0,663 *	1,322 *	0,772 *	0,440 *
20	2,469 *		6,554 *	2,708 *	1,296 *	3,864 *	3,047 *	0,518 *	0,663 *	1,812 *	0,663 *	0,454 *
21	2,021 *		2,469 *	2,980 *	1,200 *	4,933 *	4,590 *	0,454 *	0,587 *	1,418 *	1,477 *	0,501 *
22	2,079 *		2,021 *	2,230 *	1,142 *	4,590 *	4,933 *	2,260 *	0,518 *	1,296 *	1,142 *	0,485 *
23	1,451 *	1,812 *	1,812 *	4,590 *	1,142 *	6,206 *	2,469 *	2,609 *	0,552 *	2,838 *	1,200 *	0,369 *
24	1,451 *	1,812 *	2,230 *	2,741 *	1,142 *	7,279 *	1,812 *	1,142 *	0,663 *	2,980 *	1,070 *	0,343 *
25	1,142 *	1,812 *	1,812 *	1,812 *	1,477 *	5,316 *	1,330 *	0,772 *	0,485 *	2,230 *	0,503 *	0,343 *
26	1,451 *	2,469 *	1,812 *	1,812 *	2,708 *	3,864 *	1,035 *	0,687 *	0,396 *	3,286 *	0,552 *	0,343 *
27	2,079 *	1,812 *	1,812 *	1,556 *	2,708 *	1,812 *	0,663 *	2,838 *	0,396 *	2,708 *	0,486 *	0,343 *
28	2,021 *	2,021 *	2,021 *	1,925 *	2,980 *	1,296 *	0,663 *	2,469 *	0,343 *	3,558 *	0,454 *	0,343 *
29	1,631 *		2,708 *	2,260 *	2,230 *	3,286 *	0,587 *	1,812 *	0,343 *	2,469 *	0,454 *	0,343 *
30	1,451 *		2,230 *	2,708 *	2,021 *	3,084 *	0,552 *	2,021 *	0,880 *	2,021 *	0,396 *	1,035 *
31	1,477 *		1,812 *		1,812 *		1,237 *	1,812 *		1,812 *		4,012 *
Caudal Max.	6,163 *		9,243 *	9,243 *	3,864 *	9,243 *	5,316 *	3,864 *	1,812 *	3,864 *	3,864 *	5,316 *
Día	14		20	11	2	13	21	27	10	8	1	14
Hora	7		7	18	7	18	18	18	7	18	7	17
Caudal Mín.	1,141 *		1,141 *	1,141 *	0,880 *	0,880 *	0,518 *	0,343 *	0,343 *	0,343 *	0,343 *	0,295 *
Día	19		8	28	11	17	9	vv	vv	vv	25	4
Hora	17		17	7	18	7	7				7	7
Caudal Medio	1,848		2,116	2,737	1,816	2,856	1,449	1,125	0,711	1,569	1,501	1,194

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



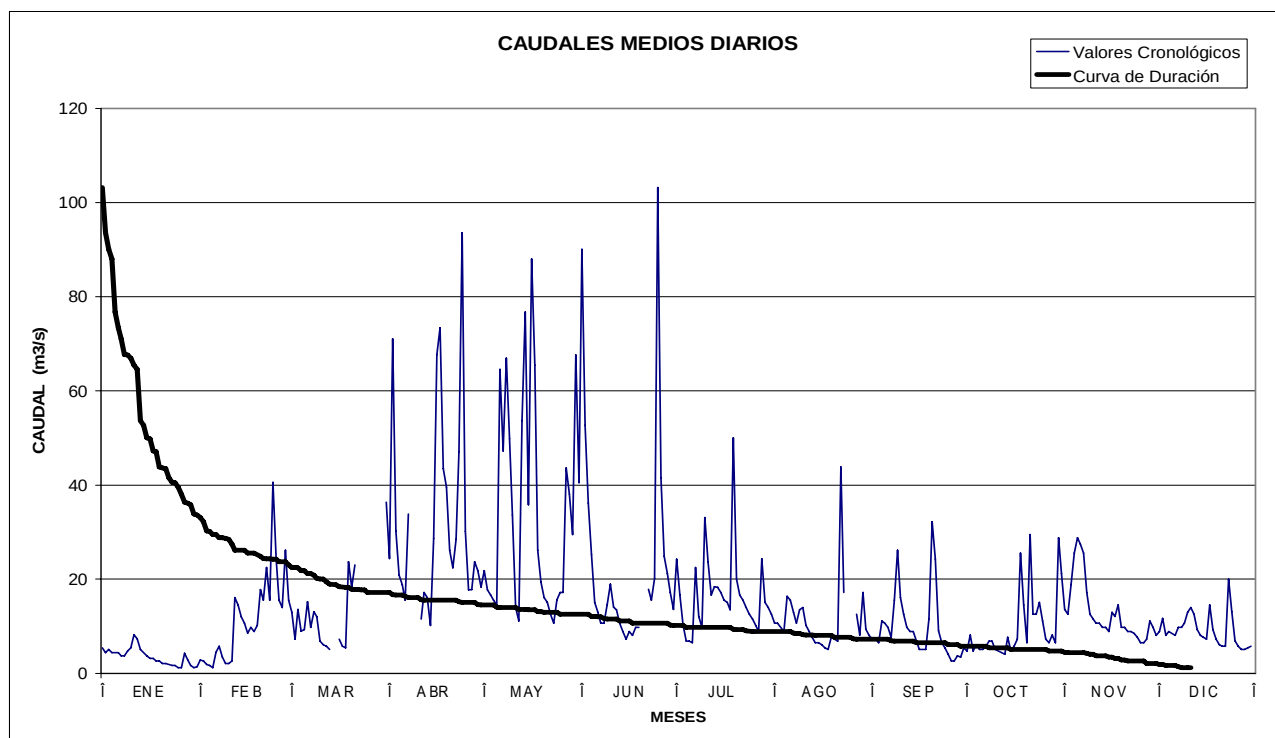
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H720	MISAHUALLI EN COTUNDO											Area Drenaje:116 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	5,384 *	2,880 *	15,560 *	36,351 *	18,318 *	40,546 *	13,518 *	12,518 *	8,039 *	5,384 *	21,182 *	8,039 *
2	4,370 *	2,605 *	13,011 *	24,394 *	21,784 *	90,108 *	24,237 *	10,635 *	7,237 *	4,702 *	13,561 *	8,889 *
3	5,034 *	1,866 *	7,254 *	71,020 *	17,728 *	52,660 *	16,685 *	10,635 *	7,237 *	8,103 *	12,576 *	11,695 *
4	4,370 *	1,634 *	13,561 *	30,244 *	16,631 *	36,169 *	10,278 *	9,738 *	6,469 *	4,702 *	18,867 *	8,039 *
5	4,370 *	1,217 *	8,936 *	20,855 *	15,560 *	25,194 *	6,853 *	8,873 *	11,098 *	6,101 *	25,535 *	8,873 *
6	4,370 *	4,444 *	9,306 *	18,853 *	14,532 *	15,039 *	6,853 *	16,368 *	10,635 *	5,034 *	28,795 *	8,456 *
7	3,743 *	5,751 *	15,207 *	15,560 *	64,574 *	13,011 *	6,469 *	15,560 *	9,738 *	5,034 *	27,454 *	8,039 *
8	3,743 *	3,448 *	9,754 *	33,860 *	47,249 *	10,635 *	22,501 *	13,011 *	7,671 *	5,751 *	25,535 *	9,738 *
9	4,738 *	2,098 *	13,097 *		66,955 *	10,635 *	12,069 *	10,635 *	15,560 *	6,853 *	17,207 *	9,738 *
10	5,384 *	2,098 *	12,040 *		49,838 *	14,574 *	9,738 *	13,503 *	26,162 *	6,853 *	12,532 *	10,635 *
11	8,184 *	2,605 *	6,853 *		33,626 *	18,906 *	33,102 *	14,011 *	16,095 *	5,034 *	11,561 *	13,011 *
12	7,303 *	16,095 *	6,101 *	11,561 *	14,011 *	14,039 *	23,729 *	10,187 *	12,532 *	4,702 *	10,635 *	14,011 *
13	5,034 *	14,532 *	5,734 *	17,207 *	11,098 *	13,503 *	16,631 *	8,873 *	9,738 *	4,370 *	10,635 *	12,576 *
14	4,370 *	12,040 *	5,034 *	16,095 *	53,705 *	10,635 *	18,371 *	7,638 *	8,873 *	4,056 *	9,738 *	9,306 *
15	3,743 *	10,635 *		10,187 *	76,761 *	8,873 *	18,291 *	6,469 *	8,889 *	7,671 *	9,738 *	8,039 *
16	3,154 *	8,552 *		28,682 *	35,797 *	7,237 *	17,180 *	6,469 *	6,853 *	4,702 *	8,873 *	7,638 *
17	3,154 *	9,738 *	7,237 *	67,712 *	88,043 *	8,873 *	15,560 *	6,101 *	5,034 *	5,751 *	13,011 *	7,237 *
18	2,605 *	8,873 *	5,734 *	73,394 *	65,486 *	8,039 *	15,039 *	5,384 *	5,034 *	7,254 *	12,069 *	14,532 *
19	2,605 *	10,187 *	5,384 *	43,464 *	26,162 *	9,754 *	13,503 *	5,034 *	5,034 *	25,535 *	14,532 *	9,306 *
20	2,098 *	17,782 *	23,729 *	39,575 *	19,429 *	9,738 *	49,972 *	7,638 *	11,576 *	14,532 *	9,738 *	7,237 *
21	2,098 *	15,560 *	18,291 *	26,162 *	16,095 *		20,057 *	7,237 *	32,213 *	6,469 *	9,738 *	6,101 *
22	1,866 *	22,501 *	23,026 *	22,399 *	15,039 *		16,644 *	6,853 *	24,237 *	29,483 *	8,873 *	5,734 *
23	1,634 *	15,560 *		28,484 *	12,532 *	17,850 *	15,560 *	43,807 *	9,015 *	12,576 *	8,873 *	5,751 *
24	1,634 *	40,583 *		47,086 *	10,635 *	15,574 *	14,011 *	17,207 *	6,469 *	12,576 *	8,456 *	20,018 *
25	1,217 *	24,318 *		93,595 *	15,616 *	20,172 *	12,518 *		5,384 *	15,039 *	7,638 *	13,097 *
26	1,217 *	15,560 *		30,184 *	17,180 *	103,183 *	11,561 *		4,094 *	11,098 *	6,469 *	6,886 *
27	4,227 *	14,011 *		17,742 *	17,207 *	41,505 *	10,187 *		2,605 *	7,254 *	6,469 *	5,734 *
28	2,880 *	26,162 *		17,782 *	43,641 *	24,882 *	8,873 *	12,532 *	2,626 *	6,469 *	7,237 *	5,034 *
29	1,634 *			23,729 *	38,071 *	21,182 *	24,318 *	8,103 *	3,743 *	8,103 *	11,098 *	5,034 *
30	1,217 *			21,784 *	29,483 *	17,207 *	15,039 *	17,207 *	3,448 *	6,469 *	9,754 *	5,384 *
31	1,425 *				67,622 *		14,011 *	9,337 *		28,795 *		5,734 *
Caudal Max.	10,635 *	65,606 *			108,625 *		65,606 *		32,914 *	31,513 *	30,136 *	21,182 *
Día	11	24			17		20		21	22	6	24
Hora	16	16			16		7		16	16	16	16
Caudal Mín.	1,217 *	1,217 *			10,635 *		6,469 *		2,098 *	3,743 *	6,469 *	5,034 *
Día	vv	5			13		5		28	14	vv	vv
Hora		7			16		16		7	16		
Caudal Medio	3,510	11,190	11,242	32,887	33,562	24,276	16,560	11,484	9,778	9,240	13,279	9,017

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

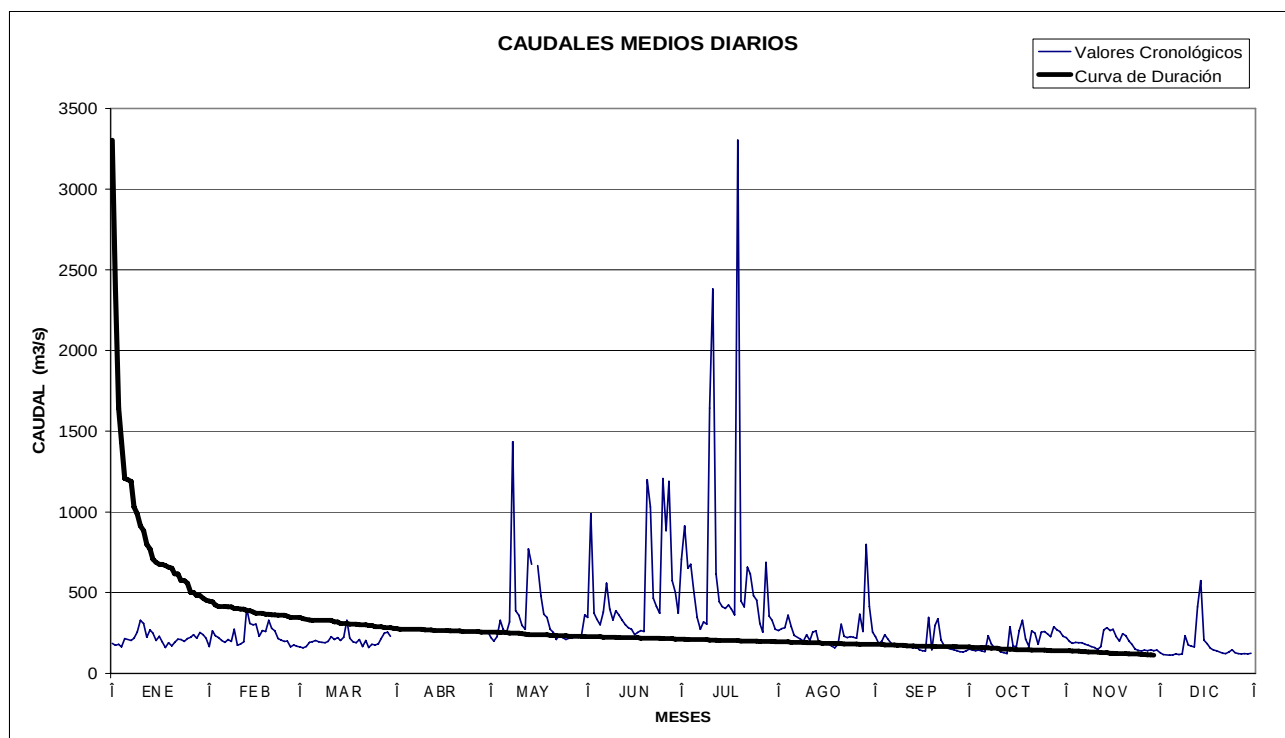


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H721	JATUNYACU DJ ILOCULIN												Area Drenaje:3390 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC		
1	186,464 *	165,657 *	168,172 *		258,701 *	363,045 *	371,378 *	272,240 *	255,385 *	139,568 *	229,834 *	144,099 *		
2	173,275 *	262,044 *	163,166 *		220,693 *	346,740 *	706,321 *	265,415 *	226,760 *	151,072 *	220,693 *	128,640 *		
3	178,476 *	232,934 *	158,257 *		200,278 *	989,750 *	913,120 *	275,694 *	186,464 *	144,099 *	197,464 *	116,270 *		
4	163,166 *	220,693 *	165,657 *		226,760 *	371,378 *	650,776 *	282,686 *	200,278 *	139,568 *	186,464 *	114,286 *		
5	214,730 *	203,117 *	191,913 *		327,028 *	334,824 *	675,103 *	358,924 *	239,214 *	144,099 *	191,913 *	112,323 *		
6	208,872 *	191,913 *	194,676 *		272,240 *	300,660 *	501,145 *	289,790 *	211,788 *	137,336 *	189,176 *	114,286 *		
7	203,117 *	208,872 *	203,117 *		248,835 *	379,833 *	346,740 *	236,060 *	186,464 *	135,128 *	189,176 *	120,305 *		
8	217,699 *	197,464 *	194,676 *		319,349 *	559,094 *	272,240 *	223,714 *	170,711 *	232,934 *	178,476 *	116,270 *		
9	255,385 *	272,240 *	191,913 *		1434,641 *	397,109 *	319,349 *	211,788 *	181,114 *	181,114 *	173,275 *	120,305 *		
10	327,028 *	173,275 *	189,176 *		388,409 *	330,911 *	304,340 *	200,278 *	175,863 *	160,700 *	165,657 *	232,934 *		
11	308,049 *	181,114 *	197,464 *		358,924 *	388,409 *	1643,045 *	239,214 *	178,476 *	151,072 *	160,700 *	175,863 *		
12	223,714 *	194,676 *	226,760 *		297,008 *	358,924 *	2381,590 *	203,117 *	168,172 *	132,943 *	148,724 *	168,172 *		
13	268,814 *	401,506 *	208,872 *		272,240 *	327,028 *	615,349 *	255,385 *	163,166 *	128,640 *	165,657 *	163,166 *		
14	248,835 *	308,049 *	220,693 *		771,495 *	300,660 *	442,480 *	262,044 *	155,838 *	122,355 *	268,814 *	410,391 *		
15	203,117 *	300,660 *	203,117 *		675,103 *	282,686 *	414,881 *	181,114 *	165,657 *	289,790 *	282,686 *	575,609 *		
16	229,834 *	304,340 *	223,714 *			272,240 *	401,506 *	186,464 *	146,400 *	168,172 *	265,415 *	205,981 *		
17	194,676 *	229,834 *	327,028 *		668,967 *	239,214 *	423,955 *	183,776 *	139,568 *	165,657 *	272,240 *	183,776 *		
18	160,700 *	265,415 *	217,699 *		481,069 *	252,096 *	397,109 *	178,476 *	137,336 *	265,415 *	226,760 *	155,838 *		
19	189,176 *	258,701 *	194,676 *		367,196 *	265,415 *	363,045 *	168,172 *	346,740 *	327,028 *	200,278 *	144,099 *		
20	170,711 *	327,028 *	189,176 *		346,740 *	258,701 *	3304,236 *	158,257 *	146,400 *	211,788 *	245,601 *	139,568 *		
21	191,913 *	279,176 *	208,872 *		272,240 *	1199,012 *	447,191 *	178,476 *	297,008 *	168,172 *	232,934 *	132,943 *		
22	211,788 *	262,044 *	165,657 *		252,096 *	1029,559 *	410,391 *	304,340 *	338,766 *	262,044 *	200,278 *	124,428 *		
23	208,872 *	214,730 *	203,117 *		208,872 *	466,356 *	656,804 *	229,834 *	205,981 *	248,835 *	178,476 *	122,355 *		
24	197,464 *	205,981 *	160,700 *		239,214 *	414,881 *	615,349 *	220,693 *	170,711 *	178,476 *	151,072 *	132,943 *		
25	214,730 *	197,464 *	178,476 *		220,693 *	371,378 *	481,069 *	226,760 *	155,838 *	255,385 *	141,822 *	146,400 *		
26	223,714 *	200,278 *	175,863 *		208,872 *	1207,921 *	451,934 *	223,714 *	151,072 *	258,701 *	137,336 *	128,640 *		
27	239,214 *	163,166 *	181,114 *		217,699 *	883,567 *	308,049 *	217,699 *	146,400 *	242,394 *	144,099 *	122,355 *		
28	217,699 *	175,863 *	214,730 *		217,699 *	1190,144 *	255,385 *	367,196 *	139,568 *	226,760 *	139,568 *	120,305 *		
29	252,096 *		248,835 *		236,060 *	575,609 *	687,482 *	258,701 *	135,128 *	289,790 *	146,400 *	122,355 *		
30	239,214 *		255,385 *		220,693 *	501,145 *	354,832 *	798,604 *	130,780 *	268,814 *	139,568 *	120,305 *		
31	217,699 *		229,834 *		239,214 *		327,028 *	414,881 *		258,701 *		124,428 *		
Caudal Max.	327,028 *	401,505 *	327,028 *			1207,921 *	3304,236 *	798,604 *	346,740 *	327,028 *	282,686 *	575,609 *		
Día	10	13	17			26	20	30	19	19	15	15		
Hora	17	8	16			18	15	15	13	13	17	16		
Caudal Mín.	160,700 *	163,166 *	158,257 *			239,214 *	255,385 *	158,257 *	130,780 *	122,355 *	137,336 *	112,323 *		
Día	18	27	3			17	28	20	30	14	26	5		
Hora	13	16	16			16	16	9	17	17	17	14		
Caudal Medio	217,427	235,651	201,694		355,634	505,276	659,459	260,436	188,435	199,566	192,352	162,569		

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



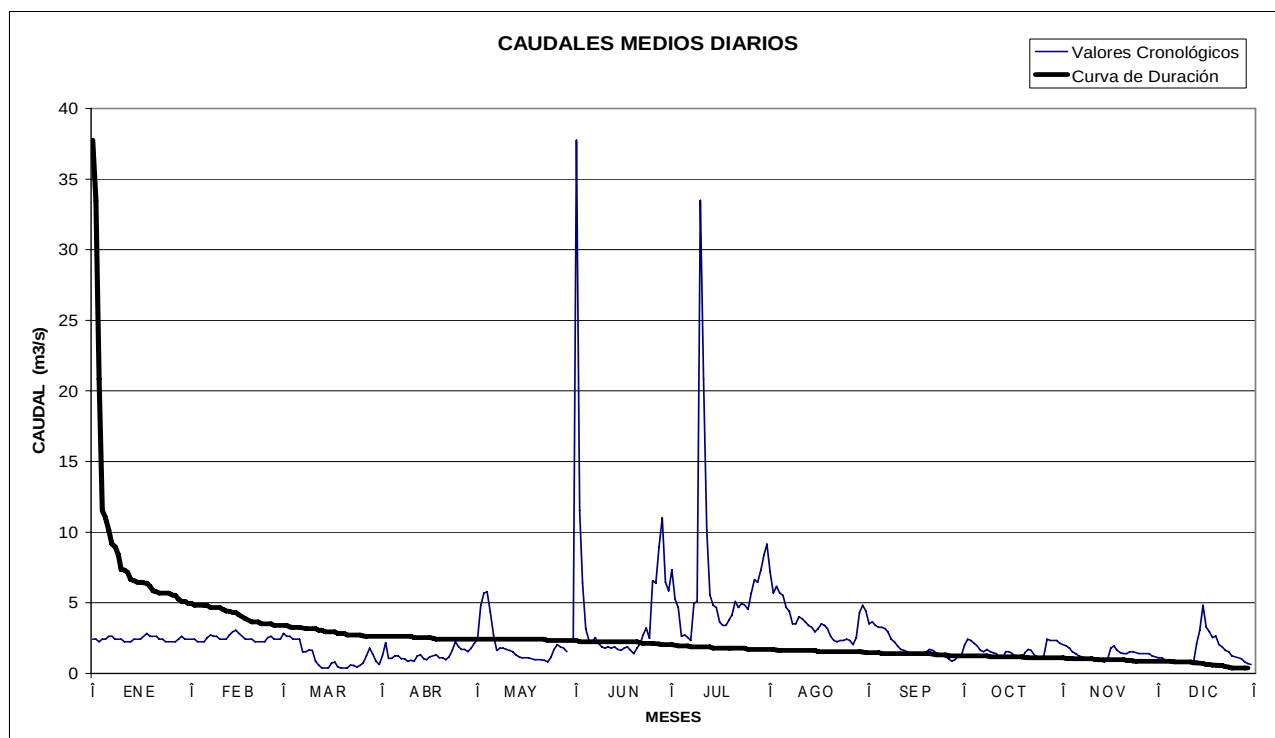
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H722	YANAHURCO DJ VALLE											Area Drenaje:75 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2,417 *	2,417 *	2,417 *	0,637 *	2,131 *	2,417 *	5,833 *	9,150 *	4,401 *	1,237 *	2,131 *	1,169 *
2	2,417 *	2,417 *	2,828 *	1,237 *	2,417 *	37,760 *	7,324 *	7,161 *	3,510 *	1,975 *	2,039 *	1,101 *
3	2,224 *	2,224 *	2,618 *	2,179 *	4,788 *	11,537 *	5,240 *	5,683 *	3,627 *	2,417 *	1,951 *	1,101 *
4	2,417 *	2,224 *	2,618 *	1,045 *	5,683 *	6,410 *	4,664 *	6,146 *	3,389 *	2,321 *	1,778 *	0,973 *
5	2,417 *	2,224 *	2,417 *	1,045 *	5,758 *	3,167 *	2,618 *	5,679 *	3,272 *	2,131 *	1,533 *	0,853 *
6	2,618 *	2,518 *	2,417 *	1,237 *	4,327 *	2,321 *	2,723 *	5,528 *	3,272 *	1,951 *	1,381 *	0,797 *
7	2,618 *	2,723 *	2,417 *	1,237 *	2,721 *	2,224 *	2,518 *	4,664 *	3,159 *	1,613 *	1,237 *	0,882 *
8	2,417 *	2,618 *	1,495 *	1,037 *	1,613 *	2,518 *	2,321 *	4,392 *	2,937 *	1,533 *	1,169 *	0,853 *
9	2,417 *	2,618 *	1,533 *	1,037 *	1,778 *	2,131 *	4,944 *	3,510 *	2,417 *	1,694 *	1,101 *	0,853 *
10	2,417 *	2,417 *	1,653 *	0,853 *	1,778 *	1,862 *	5,090 *	3,506 *	2,224 *	1,533 *	1,101 *	0,853 *
11	2,224 *	2,417 *	1,613 *	0,913 *	1,694 *	1,778 *	33,477 *	4,004 *	1,951 *	1,457 *	0,973 *	0,797 *
12	2,224 *	2,417 *	0,853 *	0,853 *	1,613 *	1,862 *	20,844 *	3,874 *	1,694 *	1,381 *	0,973 *	0,741 *
13	2,224 *	2,723 *	0,588 *	1,237 *	1,533 *	1,778 *	10,153 *	3,627 *	1,613 *	1,169 *	0,853 *	0,853 *
14	2,417 *	2,937 *	0,373 *	1,309 *	1,309 *	1,862 *	5,537 *	3,389 *	1,533 *	1,101 *	0,853 *	2,076 *
15	2,417 *	3,046 *	0,373 *	1,037 *	1,169 *	1,694 *	4,802 *	3,272 *	1,381 *	1,537 *	0,797 *	3,062 *
16	2,417 *	2,828 *	0,373 *	0,973 *	1,101 *	1,613 *	4,664 *	2,937 *	1,381 *	1,537 *	0,977 *	4,806 *
17	2,618 *	2,618 *	0,720 *	1,169 *	1,101 *	1,778 *	3,627 *	3,159 *	1,381 *	1,381 *	1,786 *	3,276 *
18	2,828 *	2,417 *	0,796 *	1,237 *	1,101 *	1,862 *	3,389 *	3,506 *	1,381 *	1,237 *	1,951 *	2,937 *
19	2,618 *	2,417 *	0,480 *	1,309 *	1,037 *	1,613 *	3,389 *	3,389 *	1,381 *	1,169 *	1,613 *	2,518 *
20	2,618 *	2,417 *	0,373 *	1,101 *	0,973 *	1,381 *	3,749 *	3,159 *	1,537 *	1,037 *	1,457 *	2,655 *
21	2,618 *	2,224 *	0,373 *	1,101 *	0,973 *	1,778 *	4,129 *	2,623 *	1,694 *	1,465 *	1,381 *	2,039 *
22	2,417 *	2,224 *	0,373 *	0,973 *	0,973 *	2,104 *	5,090 *	2,321 *	1,613 *	1,694 *	1,381 *	1,862 *
23	2,417 *	2,224 *	0,588 *	1,177 *	0,913 *	2,721 *	4,664 *	2,224 *	1,457 *	1,613 *	1,533 *	1,613 *
24	2,224 *	2,224 *	0,541 *	1,613 *	0,797 *	3,208 *	4,944 *	2,321 *	1,381 *	1,309 *	1,533 *	1,533 *
25	2,224 *	2,518 *	0,453 *	2,224 *	1,117 *	2,483 *	4,806 *	2,321 *	1,237 *	1,169 *	1,457 *	1,241 *
26	2,224 *	2,618 *	0,564 *	1,862 *	1,698 *	6,573 *	4,530 *	2,417 *	1,169 *	1,101 *	1,381 *	1,169 *
27	2,224 *	2,417 *	0,745 *	1,694 *	2,039 *	6,383 *	5,683 *	2,321 *	1,037 *	1,241 *	1,381 *	1,101 *
28	2,417 *	2,417 *	1,241 *	1,694 *	1,862 *	8,962 *	6,635 *	2,039 *	0,853 *	2,421 *	1,381 *	1,037 *
29	2,618 *		1,778 *	1,533 *	1,778 *	11,007 *	6,468 *	2,526 *	0,973 *	2,321 *	1,381 *	0,797 *
30	2,417 *		1,357 *	1,778 *	1,533 *	6,468 *	7,312 *	4,296 *	1,169 *	2,321 *	1,237 *	0,689 *
31	2,417 *		0,853 *				8,389 *	4,806 *		2,321 *		0,637 *
Caudal Max.	2,828 *	3,046 *	2,828 *	2,319 *		53,404 *	37,612 *	9,539 *	4,802 *	2,618 *	2,224 *	5,086 *
Día	18	14	2	3		2	11	1	1	28	1	16
Hora	6	18	6	18		18	18	6	6	18	6	18
Caudal Mín.	2,224 *	2,224 *	0,373 *	0,637 *		1,381 *	2,224 *	2,039 *	0,853 *	0,973 *	0,741 *	0,637 *
Día	vv	vv	vv	1		22	8	28	28	20	15	31
Hora				6		6	18	6	6	18	18	6
Caudal Medio	2,426	2,482	1,220	1,277	1,977	4,708	6,437	3,869	2,001	1,625	1,390	1,512

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



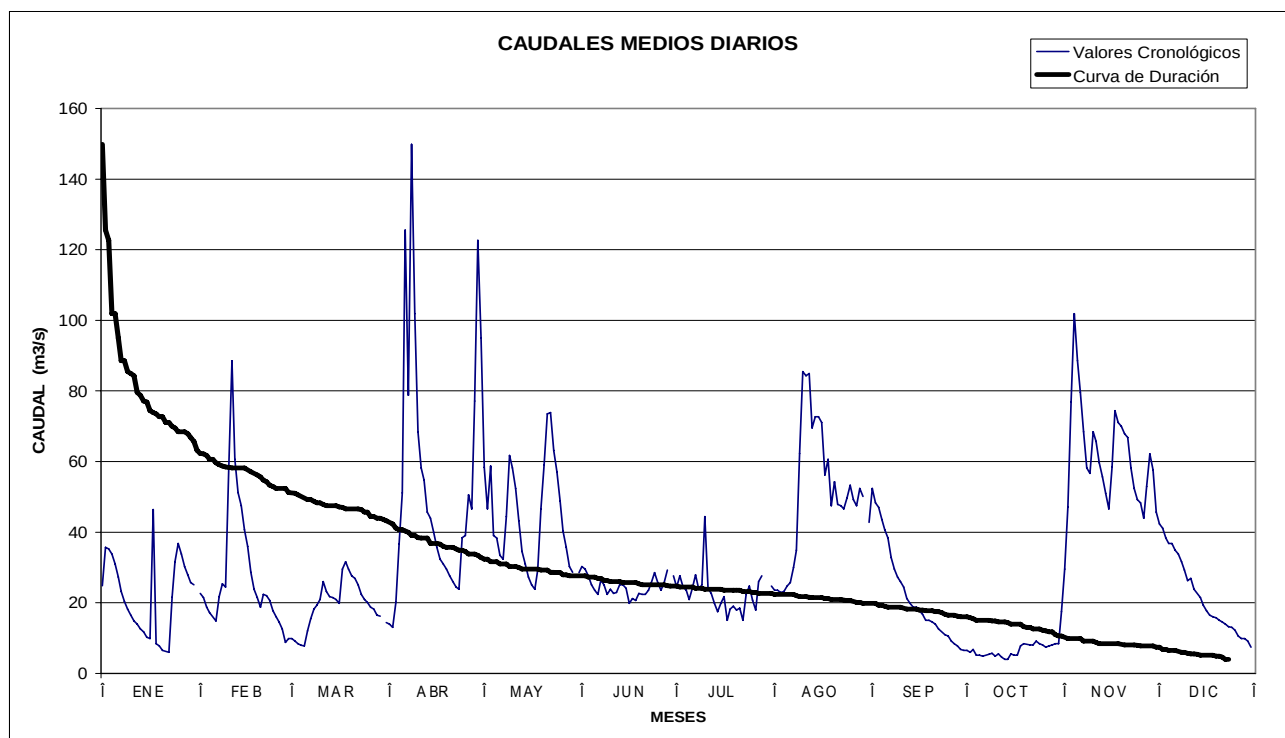
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H731	COSANGA AJ QUIJOS											Area Drenaje:469 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	24,752 *	22,634 *	9,804 *	14,333 *	94,973 *	28,558 *	27,575 *	24,727 *	42,732 *	6,491 *	17,477 *	45,679 *
2	35,632 *	21,478 *	9,804 *	13,879 *	58,348 *	30,247 *	24,420 *	23,517 *	52,372 *	6,491 *	29,464 *	42,309 *
3	35,248 *	18,743 *	9,081 *	13,001 *	46,539 *	29,562 *	27,575 *	23,517 *	48,311 *	5,918 *	47,109 *	41,084 *
4	33,775 *	17,203 *	8,389 *	20,111 *	58,766 *	27,575 *	24,420 *	22,924 *	46,975 *	6,794 *	76,778 *	38,299 *
5	30,932 *	15,969 *	7,890 *	36,620 *	39,088 *	25,038 *	23,517 *	23,223 *	43,564 *	5,112 *	101,874 *	36,756 *
6	27,255 *	14,787 *	7,727 *	51,104 *	38,299 *	23,517 *	20,915 *	24,727 *	40,678 *	5,112 *	88,553 *	36,756 *
7	23,235 *	21,764 *	12,028 *	125,521 *	33,422 *	22,348 *	24,118 *	25,672 *	38,299 *	4,857 *	79,575 *	34,878 *
8	20,364 *	25,353 *	15,499 *	78,770 *	32,354 *	26,323 *	27,907 *	29,911 *	32,720 *	5,112 *	68,385 *	33,775 *
9	18,224 *	24,420 *	18,224 *	149,858 *	44,424 *	25,038 *	23,815 *	34,878 *	29,562 *	5,373 *	58,120 *	31,634 *
10	16,456 *	58,120 *	19,278 *	101,874 *	61,653 *	22,348 *	25,038 *	62,275 *	27,247 *	5,642 *	56,635 *	29,251 *
11	14,787 *	88,553 *	20,919 *	68,385 *	58,120 *	23,819 *	44,399 *	85,492 *	25,970 *	4,857 *	68,385 *	26,285 *
12	13,879 *	60,686 *	25,995 *	58,120 *	52,381 *	22,647 *	24,118 *	84,284 *	24,420 *	5,515 *	65,704 *	26,924 *
13	12,578 *	51,211 *	23,218 *	54,719 *	43,208 *	22,924 *	22,634 *	84,891 *	21,197 *	4,610 *	59,578 *	23,819 *
14	11,748 *	47,416 *	21,764 *	45,679 *	34,508 *	25,038 *	19,829 *	69,490 *	19,816 *	3,911 *	55,668 *	22,634 *
15	10,180 *	40,683 *	21,478 *	43,978 *	30,932 *	25,038 *	17,452 *	72,721 *	18,743 *	3,911 *	50,991 *	21,478 *
16	9,804 *	36,002 *	20,915 *	39,894 *	27,247 *	24,118 *	19,829 *	72,721 *	18,743 *	5,515 *	46,539 *	19,278 *
17	46,382 *	28,566 *	19,812 *	35,632 *	25,038 *	19,812 *	21,764 *	71,071 *	17,706 *	5,112 *	58,493 *	17,706 *
18	8,389 *	23,819 *	29,464 *	32,337 *	23,819 *	21,197 *	15,042 *	56,150 *	16,705 *	5,112 *	74,395 *	16,456 *
19	7,727 *	21,478 *	31,634 *	30,932 *	29,251 *	20,637 *	18,220 *	60,577 *	15,021 *	7,727 *	71,071 *	15,969 *
20	6,491 *	18,743 *	29,562 *	29,562 *	46,556 *	22,634 *	19,008 *	47,416 *	15,021 *	8,389 *	69,975 *	15,728 *
21	6,205 *	22,348 *	27,570 *	27,570 *	59,087 *	22,340 *	17,963 *	54,243 *	14,558 *	8,229 *	67,821 *	15,021 *
22	5,918 *	22,050 *	26,924 *	25,970 *	73,504 *	22,340 *	18,481 *	47,852 *	13,879 *	8,054 *	66,763 *	14,558 *
23	21,581 *	20,637 *	25,038 *	24,420 *	73,864 *	23,517 *	15,042 *	47,411 *	12,578 *	8,054 *	58,120 *	13,879 *
24	31,634 *	17,706 *	22,348 *	23,819 *	63,138 *	25,672 *	22,348 *	46,507 *	11,748 *	9,081 *	52,381 *	13,219 *
25	36,774 *	15,969 *	20,919 *	38,408 *	57,126 *	28,558 *	24,727 *	49,687 *	10,945 *	8,389 *	49,183 *	13,001 *
26	33,780 *	14,566 *	20,086 *	39,088 *	48,765 *	25,672 *	20,760 *	53,303 *	10,557 *	8,054 *	48,311 *	12,155 *
27	30,247 *	12,578 *	18,743 *	50,537 *	40,304 *	23,517 *	17,963 *	49,188 *	9,081 *	7,407 *	43,978 *	10,572 *
28	27,898 *	8,765 *	18,224 *	46,539 *	35,632 *	25,672 *	25,995 *	47,416 *	8,389 *	7,727 *	52,948 *	9,804 *
29	25,655 *		16,456 *	77,128 *	30,247 *	29,226 *	27,575 *	52,381 *	7,727 *	8,054 *	62,098 *	9,804 *
30	25,038 *		16,210 *	122,583 *	28,566 *			50,101 *	6,793 *	8,389 *	57,621 *	9,081 *
31										8,389 *		7,410 *
Caudal Max.		88,552 *		162,489 *					52,835 *	9,081 *	115,195 *	46,539 *
Día		11		7					2	24	5	1
Hora		6		17					6	6	17	7
Caudal Mín.		7,727 *		13,001 *					6,491 *	3,911 *	16,210 *	7,094 *
Día		28		3					30	vv	1	31
Hora		17		6					6		6	17
Caudal Medio	21,752	28,295	19,167	50,679	46,305	24,653	22,843	49,942	23,402	6,496	60,133	22,748

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



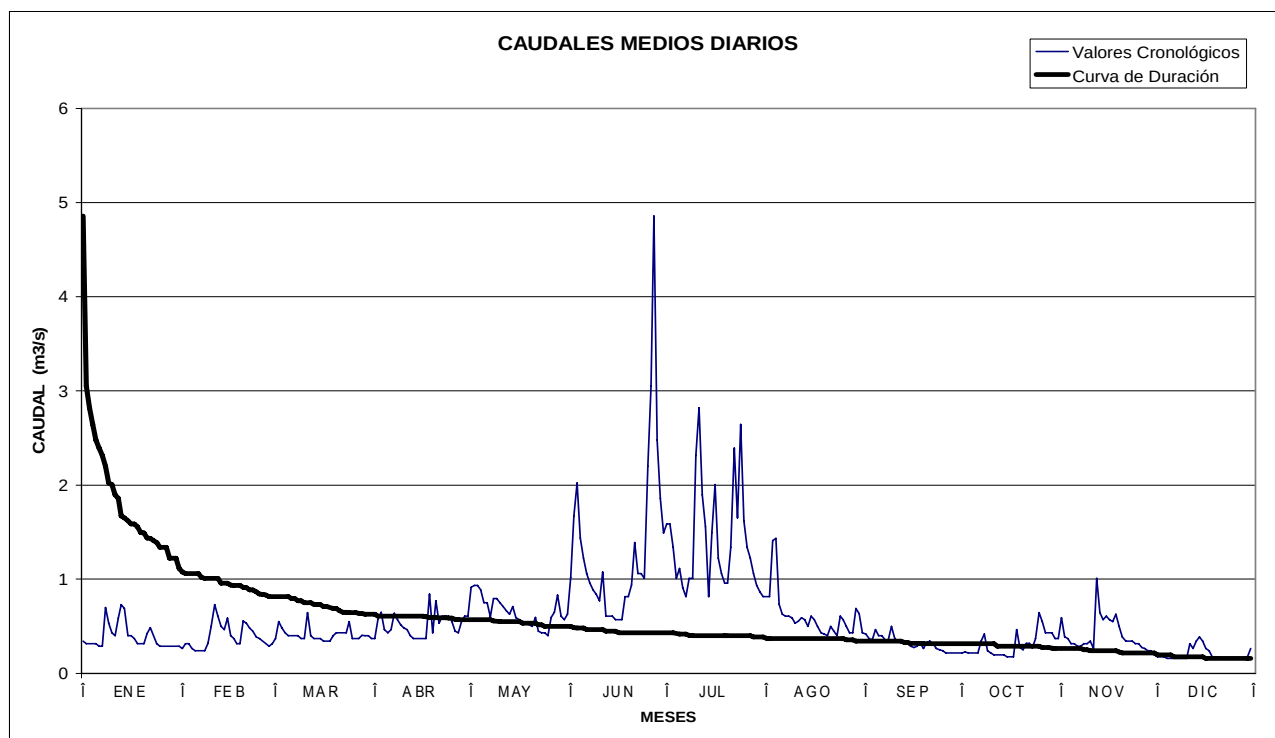
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H763	QDA.MULA CORRAL AJ CALAMACA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,342 *	0,263 *	0,314 *	0,370 *	0,607 *	0,627 *	1,491 *	0,816 *	0,432 *	0,217 *	0,370 *	0,196 *
2	0,314 *	0,314 *	0,370 *	0,370 *	0,915 *	1,019 *	1,587 *	0,816 *	0,416 *	0,217 *	0,588 *	0,176 *
3	0,314 *	0,314 *	0,551 *	0,572 *	0,934 *	1,671 *	1,587 *	0,816 *	0,370 *	0,228 *	0,385 *	0,176 *
4	0,314 *	0,263 *	0,481 *	0,647 *	0,934 *	2,022 *	1,338 *	1,410 *	0,356 *	0,217 *	0,370 *	0,176 *
5	0,314 *	0,240 *	0,432 *	0,465 *	0,886 *	1,437 *	1,008 *	1,433 *	0,465 *	0,217 *	0,314 *	0,157 *
6	0,288 *	0,240 *	0,400 *	0,432 *	0,750 *	1,222 *	1,112 *	0,731 *	0,400 *	0,217 *	0,314 *	0,157 *
7	0,288 *	0,240 *	0,400 *	0,464 *	0,750 *	1,060 *	0,909 *	0,627 *	0,400 *	0,217 *	0,288 *	0,157 *
8	0,700 *	0,240 *	0,400 *	0,640 *	0,602 *	0,958 *	0,816 *	0,607 *	0,356 *	0,342 *	0,288 *	0,157 *
9	0,534 *	0,320 *	0,400 *	0,570 *	0,794 *	0,886 *	1,008 *	0,607 *	0,356 *	0,416 *	0,314 *	0,157 *
10	0,432 *	0,498 *	0,370 *	0,516 *	0,794 *	0,839 *	1,008 *	0,588 *	0,498 *	0,240 *	0,314 *	0,157 *
11	0,400 *	0,729 *	0,370 *	0,481 *	0,750 *	0,772 *	2,312 *	0,534 *	0,373 *	0,217 *	0,342 *	0,157 *
12	0,586 *	0,607 *	0,646 *	0,464 *	0,708 *	1,077 *	2,819 *	0,553 *	0,328 *	0,196 *	0,263 *	0,314 *
13	0,729 *	0,498 *	0,400 *	0,400 *	0,667 *	0,607 *	1,896 *	0,588 *	0,342 *	0,196 *	1,008 *	0,263 *
14	0,687 *	0,464 *	0,370 *	0,370 *	0,627 *	0,607 *	1,555 *	0,570 *	0,342 *	0,196 *	0,646 *	0,342 *
15	0,400 *	0,586 *	0,370 *	0,370 *	0,708 *	0,607 *	0,816 *	0,498 *	0,315 *	0,196 *	0,570 *	0,387 *
16	0,400 *	0,400 *	0,370 *	0,370 *	0,588 *	0,570 *	1,495 *	0,608 *	0,289 *	0,176 *	0,607 *	0,342 *
17	0,370 *	0,370 *	0,342 *	0,370 *	0,570 *	0,570 *	2,004 *	0,570 *	0,276 *	0,176 *	0,570 *	0,263 *
18	0,314 *	0,314 *	0,342 *	0,370 *	0,551 *	0,570 *	1,222 *	0,498 *	0,289 *	0,176 *	0,551 *	0,240 *
19	0,314 *	0,314 *	0,342 *	0,841 *	0,533 *	0,816 *	1,060 *	0,432 *	0,317 *	0,464 *	0,627 *	0,176 *
20	0,314 *	0,555 *	0,400 *	0,432 *	0,516 *	0,816 *	0,958 *	0,416 *	0,263 *	0,276 *	0,498 *	0,176 *
21	0,424 *	0,534 *	0,432 *	0,772 *	0,498 *	0,938 *	0,958 *	0,400 *	0,328 *	0,251 *	0,385 *	0,176 *
22	0,485 *	0,481 *	0,432 *	0,534 *	0,596 *	1,390 *	1,338 *	0,498 *	0,342 *	0,320 *	0,342 *	0,157 *
23	0,400 *	0,448 *	0,432 *	0,607 *	0,448 *	1,060 *	2,392 *	0,448 *	0,314 *	0,320 *	0,342 *	0,157 *
24	0,314 *	0,385 *	0,432 *	0,607 *	0,432 *	1,060 *	1,653 *	0,400 *	0,263 *	0,266 *	0,342 *	0,157 *
25	0,288 *	0,370 *	0,550 *	0,607 *	0,432 *	1,008 *	2,644 *	0,608 *	0,251 *	0,370 *	0,314 *	0,157 *
26	0,288 *	0,342 *	0,370 *	0,551 *	0,400 *	2,198 *	1,620 *	0,570 *	0,240 *	0,646 *	0,314 *	0,157 *
27	0,288 *	0,314 *	0,370 *	0,448 *	0,593 *	3,052 *	1,338 *	0,498 *	0,217 *	0,550 *	0,276 *	0,157 *
28	0,288 *	0,288 *	0,370 *	0,432 *	0,649 *	4,859 *	1,222 *	0,432 *	0,217 *	0,432 *	0,263 *	0,157 *
29	0,288 *		0,401 *	0,551 *	0,833 *	2,478 *	1,060 *	0,432 *	0,217 *	0,432 *	0,240 *	0,157 *
30	0,288 *		0,400 *	0,607 *	0,607 *	1,859 *	0,934 *	0,687 *	0,217 *	0,432 *	0,240 *	0,176 *
31	0,288 *		0,400 *		0,570 *		0,863 *	0,635 *		0,370 *		0,263 *
Caudal Max.	1,112 *	0,772 *	0,729 *	0,909 *	1,222 *	4,919 *	2,819 *	2,004 *	0,498 *	0,729 *	1,008 *	0,432 *
Día	8	15	2	19	2	28	12	4	5	27	13	15
Hora	17	7	7	7	17	7	7	17	17	17	7	17
Caudal Mín.	0,288 *	0,240 *	0,314 *	0,370 *	0,370 *	0,569 *	0,816 *	0,400 *	0,217 *	0,176 *	0,240 *	0,157 *
Día	vv	vv	1	vv	27	17	vv	vv	vv	vv	vv	vv
Hora			17		17	17						
Caudal Medio	0,387	0,390	0,408	0,508	0,653	1,288	1,420	0,623	0,326	0,296	0,410	0,200

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



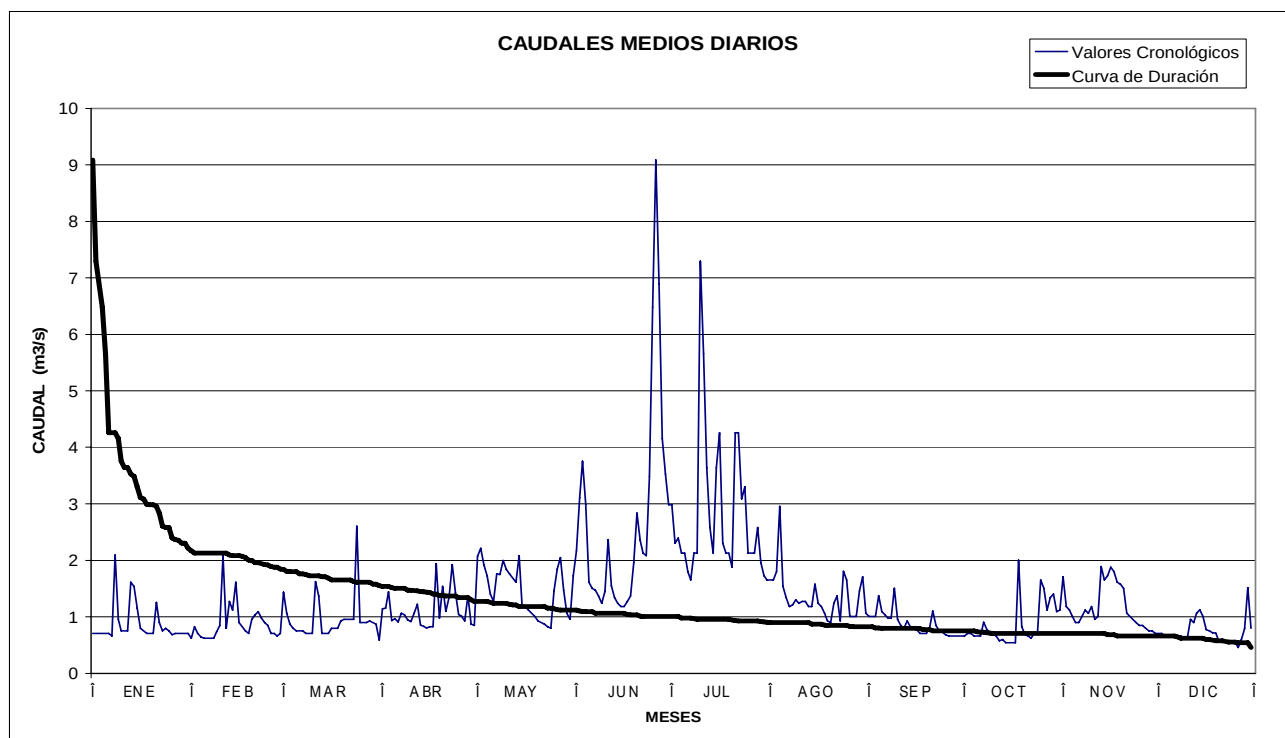
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H764	CALAMACA DJ Q.HUARCUSACHA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,706 *	0,620 *	0,706 *	0,586 *	0,848 *	1,724 *	2,981 *	1,649 *	1,063 *	0,662 *	1,120 *	0,706 *
2	0,706 *	0,824 *	1,437 *	1,142 *	2,076 *	2,170 *	2,981 *	1,649 *	1,006 *	0,662 *	1,706 *	0,706 *
3	0,706 *	0,707 *	1,063 *	1,155 *	2,214 *	3,112 *	2,302 *	1,649 *	1,006 *	0,706 *	1,180 *	0,706 *
4	0,706 *	0,641 *	0,874 *	1,445 *	1,919 *	3,755 *	2,394 *	1,801 *	1,006 *	0,706 *	1,120 *	0,662 *
5	0,706 *	0,620 *	0,799 *	0,931 *	1,725 *	2,992 *	2,127 *	2,954 *	1,373 *	0,662 *	1,006 *	0,662 *
6	0,706 *	0,620 *	0,752 *	0,966 *	1,403 *	1,615 *	2,127 *	1,543 *	1,091 *	0,662 *	0,899 *	0,662 *
7	0,662 *	0,620 *	0,752 *	0,907 *	1,273 *	1,506 *	1,801 *	1,339 *	1,034 *	0,662 *	0,899 *	0,662 *
8	2,095 *	0,620 *	0,752 *	1,061 *	1,762 *	1,471 *	1,649 *	1,180 *	0,979 *	0,903 *	1,006 *	0,662 *
9	0,953 *	0,734 *	0,706 *	1,038 *	1,748 *	1,371 *	2,127 *	1,212 *	0,979 *	0,776 *	1,120 *	0,662 *
10	0,752 *	0,848 *	0,706 *	0,943 *	2,001 *	1,242 *	2,127 *	1,304 *	1,506 *	0,729 *	1,062 *	0,620 *
11	0,752 *	2,085 *	0,706 *	0,913 *	1,840 *	1,452 *	7,299 *	1,242 *	0,953 *	0,706 *	1,180 *	0,620 *
12	0,752 *	0,799 *	1,623 *	1,063 *	1,762 *	2,367 *	5,660 *	1,275 *	0,849 *	0,662 *	0,953 *	0,952 *
13	1,613 *	1,273 *	1,371 *	1,221 *	1,687 *	1,547 *	3,645 *	1,275 *	0,799 *	0,579 *	1,006 *	0,899 *
14	1,541 *	1,121 *	0,706 *	0,856 *	1,613 *	1,339 *	2,580 *	1,180 *	0,925 *	0,599 *	1,888 *	1,062 *
15	1,152 *	1,613 *	0,706 *	0,829 *	2,085 *	1,242 *	2,127 *	1,180 *	0,824 *	0,540 *	1,649 *	1,124 *
16	0,799 *	0,899 *	0,706 *	0,803 *	1,210 *	1,180 *	3,645 *	1,576 *	0,799 *	0,540 *	1,724 *	1,006 *
17	0,752 *	0,824 *	0,799 *	0,824 *	1,180 *	1,180 *	4,259 *	1,241 *	0,776 *	0,540 *	1,879 *	0,776 *
18	0,706 *	0,752 *	0,799 *	0,824 *	1,120 *	1,275 *	2,302 *	1,180 *	0,706 *	0,540 *	1,801 *	0,752 *
19	0,706 *	0,706 *	0,799 *	1,942 *	1,062 *	1,370 *	2,127 *	1,063 *	0,706 *	2,003 *	1,613 *	0,720 *
20	0,706 *	0,952 *	0,925 *	0,979 *	1,007 *	1,960 *	2,127 *	0,925 *	0,706 *	0,824 *	1,576 *	0,710 *
21	1,253 *	1,034 *	0,952 *	1,539 *	0,925 *	2,833 *	1,879 *	0,899 *	0,803 *	0,684 *	1,506 *	0,564 *
22	0,900 *	1,091 *	0,952 *	1,096 *	0,899 *	2,353 *	4,259 *	1,241 *	1,102 *	0,662 *	1,062 *	0,576 *
23	0,752 *	0,979 *	0,952 *	1,338 *	0,874 *	2,127 *	4,259 *	1,370 *	0,848 *	0,620 *	1,006 *	0,552 *
24	0,799 *	0,899 *	0,952 *	1,925 *	0,824 *	2,085 *	3,086 *	0,925 *	0,752 *	0,706 *	0,952 *	0,550 *
25	0,752 *	0,849 *	2,606 *	1,429 *	0,799 *	3,486 *	3,303 *	1,804 *	0,729 *	0,706 *	0,899 *	0,579 *
26	0,684 *	0,706 *	0,899 *	1,039 *	1,463 *	6,479 *	2,127 *	1,649 *	0,684 *	1,649 *	0,848 *	0,553 *
27	0,706 *	0,706 *	0,899 *	1,010 *	1,842 *	9,087 *	2,127 *	1,006 *	0,662 *	1,506 *	0,848 *	0,457 *
28	0,706 *	0,662 *	0,899 *	0,925 *	2,046 *	6,889 *	2,127 *	1,006 *	0,662 *	1,120 *	0,799 *	0,598 *
29	0,706 *		0,925 *	1,376 *	1,471 *	4,160 *	2,580 *	1,006 *	0,662 *	1,337 *	0,752 *	0,792 *
30	0,706 *		0,899 *	0,874 *	1,062 *	3,529 *	1,960 *	1,460 *	0,662 *	1,403 *	0,752 *	1,513 *
31	0,706 *		0,874 *		0,952 *		1,724 *	1,706 *		1,091 *		0,797 *
Caudal Max.	3,528 *	2,127 *	3,086 *	3,086 *	3,303 *	9,187 *	7,299 *	4,259 *	1,506 *	2,127 *	2,127 *	4,007 *
Día	8	11	25	19	2	27	11	5	5	19	14	30
Hora	17	7	7	7	17	7	7	17	7	7	7	8
Caudal Mín.	0,662 *	0,620 *	0,706 *	0,466 *	0,799 *	1,180 *	1,649 *	0,899 *	0,662 *	0,540 *	0,752 *	0,432 *
Día	7	vv	vv	1	24	vv	8	21	vv	vv	vv	27
Hora	7			7	7		17	7				7
Caudal Medio	0,866	0,886	0,951	1,099	1,442	2,630	2,833	1,371	0,888	0,843	1,194	0,737

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



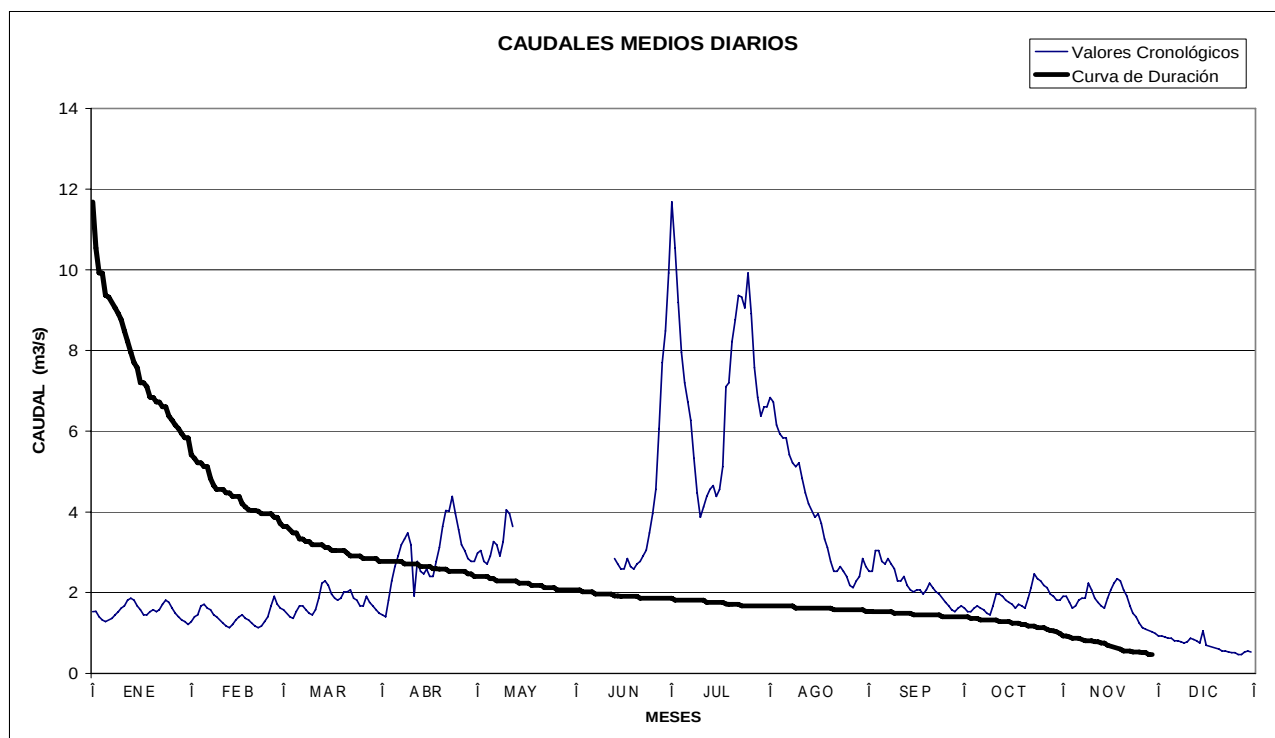
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H783	OZOGOCHE EN LOS LAGOS											Area Drenaje:66 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1,531 *	1,282 *	1,621 *	1,488 *	2,778 *		9,925 *	6,606 *	2,650 *	1,667 *	1,810 *	0,993 *
2	1,533 *	1,403 *	1,576 *	1,445 *	2,978 *		11,680 *	6,839 *	2,526 *	1,621 *	1,910 *	0,929 *
3	1,403 *	1,445 *	1,488 *	1,403 *	3,047 *		10,540 *	6,722 *	2,526 *	1,531 *	1,910 *	0,929 *
4	1,322 *	1,667 *	1,403 *	1,812 *	2,778 *		9,187 *	6,158 *	3,047 *	1,531 *	1,762 *	0,898 *
5	1,282 *	1,714 *	1,362 *	2,289 *	2,713 *		7,956 *	5,941 *	3,047 *	1,621 *	1,621 *	0,867 *
6	1,322 *	1,621 *	1,533 *	2,650 *	2,911 *		7,199 *	5,832 *	2,778 *	1,667 *	1,667 *	0,867 *
7	1,362 *	1,576 *	1,667 *	2,911 *	3,261 *		6,722 *	5,832 *	2,713 *	1,621 *	1,812 *	0,808 *
8	1,445 *	1,445 *	1,667 *	3,188 *	3,188 *		6,267 *	5,418 *	2,844 *	1,576 *	1,860 *	0,808 *
9	1,531 *	1,403 *	1,576 *	3,332 *	2,911 *		5,326 *	5,218 *	2,713 *	1,488 *	1,860 *	0,780 *
10	1,621 *	1,322 *	1,488 *	3,481 *	3,261 *		4,472 *	5,119 *	2,589 *	1,445 *	2,232 *	0,751 *
11	1,667 *	1,244 *	1,445 *	3,188 *	4,045 *		3,872 *	5,218 *	2,289 *	1,667 *	2,067 *	0,780 *
12	1,810 *	1,168 *	1,576 *	1,918 *	3,954 *		4,121 *	4,833 *	2,289 *	1,962 *	1,860 *	0,867 *
13	1,860 *	1,132 *	1,864 *	2,778 *	3,634 *		4,379 *	4,468 *	2,406 *	1,962 *	1,762 *	0,837 *
14	1,810 *	1,205 *	2,232 *	2,526 *		2,844 *	4,557 *	4,205 *	2,176 *	1,910 *	1,667 *	0,808 *
15	1,667 *	1,322 *	2,289 *	2,465 *		2,713 *	4,648 *	4,036 *	2,067 *	1,810 *	1,621 *	0,751 *
16	1,576 *	1,403 *	2,176 *	2,587 *		2,587 *	4,379 *	3,872 *	2,014 *	1,762 *	1,860 *	1,057 *
17	1,445 *	1,445 *	1,962 *	2,406 *		2,589 *	4,557 *	3,954 *	2,067 *	1,714 *	2,067 *	0,698 *
18	1,445 *	1,362 *	1,860 *	2,406 *		2,844 *	5,122 *	3,712 *	2,067 *	1,621 *	2,232 *	0,672 *
19	1,531 *	1,322 *	1,810 *	2,778 *		2,650 *	7,102 *	3,332 *	1,962 *	1,714 *	2,346 *	0,647 *
20	1,576 *	1,244 *	1,860 *	3,118 *		2,587 *	7,199 *	3,116 *	2,067 *	1,667 *	2,289 *	0,622 *
21	1,531 *	1,168 *	2,014 *	3,634 *		2,713 *	8,219 *	2,778 *	2,232 *	1,621 *	2,067 *	0,598 *
22	1,576 *	1,132 *	2,014 *	4,039 *		2,778 *	8,762 *	2,526 *	2,121 *	1,864 *	1,912 *	0,552 *
23	1,714 *	1,168 *	2,067 *	4,022 *		2,911 *	9,365 *	2,526 *	2,014 *	2,123 *	1,667 *	0,552 *
24	1,810 *	1,282 *	1,860 *	4,381 *		3,051 *	9,329 *	2,650 *	1,962 *	2,467 *	1,488 *	0,530 *
25	1,762 *	1,403 *	1,810 *	3,954 *		3,481 *	9,060 *	2,526 *	1,860 *	2,346 *	1,403 *	0,508 *
26	1,621 *	1,667 *	1,667 *	3,559 *		3,959 *	9,919 *	2,406 *	1,762 *	2,289 *	1,244 *	0,508 *
27	1,488 *	1,910 *	1,667 *	3,188 *		4,559 *	8,913 *	2,176 *	1,667 *	2,176 *	1,132 *	0,467 *
28	1,403 *	1,715 *	1,910 *	3,047 *		6,062 *	7,573 *	2,121 *	1,576 *	2,123 *	1,096 *	0,467 *
29	1,322 *		1,762 *	2,844 *		7,703 *	6,842 *	2,289 *	1,531 *	1,962 *	1,061 *	0,530 *
30	1,282 *		1,667 *	2,778 *		8,488 *	6,378 *	2,406 *	1,621 *	1,910 *	1,027 *	0,552 *
31	1,205 *		1,576 *				6,606 *	2,844 *		1,810 *		0,530 *
Caudal Max.	1,910 *	1,910 *	2,346 *	4,927 *			12,351 *	6,839 *	3,116 *	2,587 *	2,346 *	1,362 *
Día	13	27	15	23			2	2	5	24	19	16
Hora	6	7	6	18			17	17	6	18	7	18
Caudal Mín.	1,205 *	1,132 *	1,362 *	0,993 *			3,872 *	2,121 *	1,531 *	1,445 *	0,993 *	0,467 *
Día	31	vv	5	12			11	27	29	10	30	vv
Hora	17		17	6			7	18	7	6	18	
Caudal Medio	1,531	1,399	1,757	2,854			7,102	4,119	2,239	1,814	1,744	0,715

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



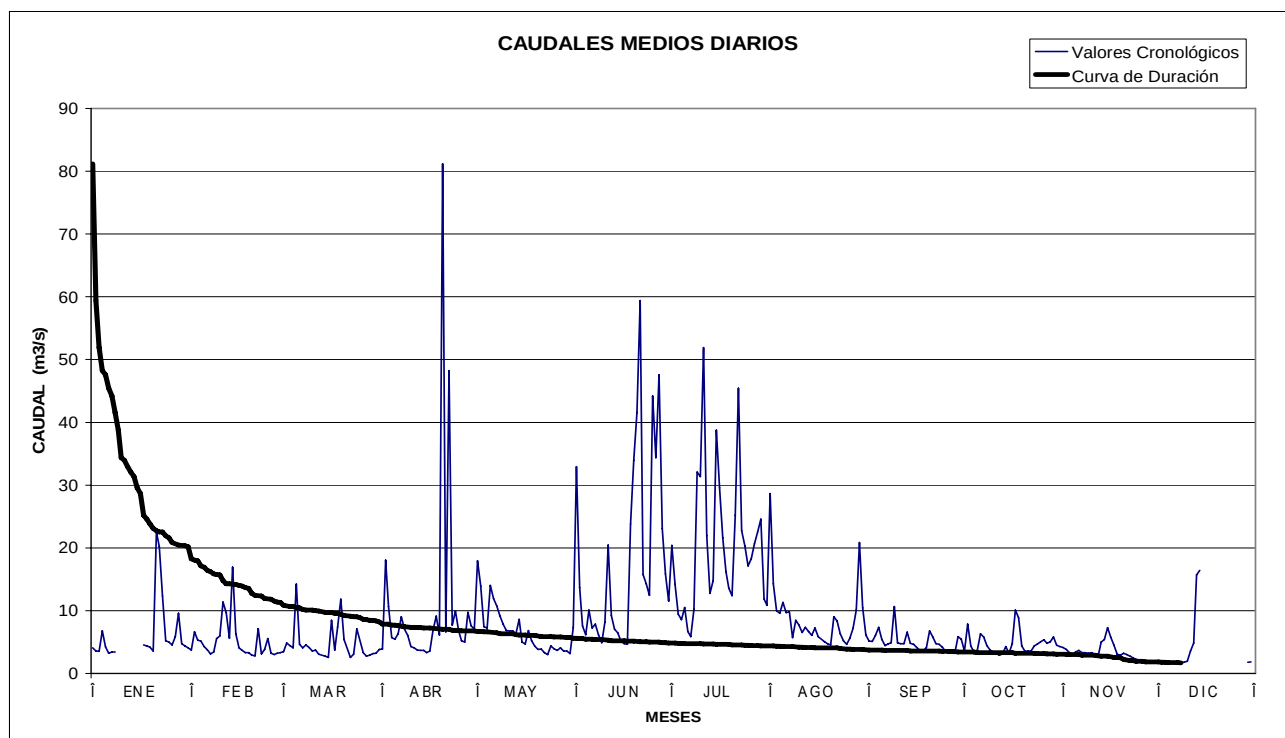
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H787	ALAO EN HDA.ALAO											Area Drenaje:108 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	4,031 *	3,715 *	3,321 *	3,827 *	7,047 *	7,289 *	11,521	10,839	6,086 *	5,431 *	4,251 *	1,815 *
2	3,566 *	6,604 *	3,424 *	3,873 *	17,921 *	32,927 *	20,372	28,679	5,143 *	3,518 *	4,085 *	1,815 *
3	3,514 *	5,283 *	4,837 *	18,040 *	13,901 *	13,631 *	14,148	14,251	5,080 *	7,848 *	3,819 *	1,815 *
4	6,768 *	5,096 *	4,420 *	10,633 *	7,440 *	7,528 *	9,415	10,004	6,013 *	4,274 *	3,275 *	1,720 *
5	4,200 *	4,251 *	4,031 *	5,666 *	7,227 *	6,150 *	8,560	9,579	7,362 *	3,417 *	2,953 *	1,629 *
6	3,185 *	3,767 *	14,185 *	5,467 *	14,013 *	10,060 *	10,478	11,282	5,407 *	3,670 *	3,416 *	1,816 *
7	3,416 *	3,098 *	4,595 *	6,294 *	11,880 *	7,209 *	6,668	9,635	4,420 *	6,304 *	3,614 *	1,720 *
8	3,417 *	3,417 *	4,031 *	9,008 *	10,717 *	7,846 *	5,870	9,821	4,653 *	5,759 *	3,320 *	1,689 *
9		5,545 *	4,536 *	7,047 *	9,169 *	6,086 *	10,166	5,666 *	4,894 *	4,420 *	3,320 *	1,689 *
10		5,942 *	4,143 *	6,010 *	7,865 *	4,844	32,033	8,432 *	10,633 *	3,719 *	3,180 *	1,751 *
11		11,346 *	3,566 *	4,259 *	6,819 *	8,160	31,354	7,691 *	4,837 *	3,465 *	3,273 *	1,881 *
12		9,641 *	3,719 *	4,031 *	6,736 *	20,438	51,908	6,513 *	4,714 *	3,133 *	3,043 *	3,566 *
13		5,603 *	3,043 *	3,716 *	6,740 *	9,200	21,878	7,358 *	4,714 *	2,867 *	2,657 *	4,837 *
14		16,946 *	2,867 *	3,614 *	6,294 *	7,036	12,738	6,663 *	6,547 *	3,098 *	4,965 *	15,712 *
15		6,294 *	2,697 *	3,614 *	8,589 *	6,446	14,789	6,019 *	4,775 *	4,259 *	5,407 *	16,391 *
16		4,064 *	2,534 *	3,320 *	4,956 *	5,128	38,718	7,209 *	4,594 *	3,135 *	7,267 *	
17	4,538 *	3,614 *	8,432 *	3,528 *	4,653 *	4,735	29,542	5,871 *	4,096 *	4,657 *	5,743 *	
18	4,364 *	3,321 *	3,716 *	6,845 *	6,806 *	4,617	21,593	5,470 *	3,614 *	10,099 *	4,478 *	
19	4,148 *	3,275 *	7,369 *	9,113 *	5,174 *	23,813	16,222	5,018 *	3,614 *	8,852 *	3,043 *	
20	3,566 *	2,867 *	11,839 *	6,086 *	4,308 *	33,963	13,568	4,714 *	4,034 *	4,378 *	2,867 *	
21	22,512 *	2,781 *	5,407 *	81,164 *	3,819 *	41,546	12,396	4,536 *	6,740 *	3,514 *	3,227 *	
22	20,177 *	7,082 *	3,957 *	6,604 *	3,871 *	59,409	25,152	9,025 *	5,814 *	3,566 *	2,953 *	
23	12,338 *	3,077 *	2,534 *	48,215 *	3,321 *	15,724	45,416	8,367 *	4,717 *	3,518 *	2,697 *	
24	5,164 *	3,819 *	3,050 *	7,686 *	2,998 *	14,252	22,690	6,320 *	4,594 *	4,376 *	2,456 *	
25	4,957 *	5,534 *	7,060 *	9,900 *	4,367 *	12,418	20,322	5,208 *	4,174 *	4,653 *	2,228 *	
26	4,536 *	3,227 *	5,208 *	6,776 *	3,923 *	44,210	17,139	4,595 *	3,515 *	5,018 *	2,119 *	
27	5,871 *	2,953 *	3,324 *	5,208 *	3,614 *	34,376	18,271	5,608 *	3,368 *	5,339 *	2,014 *	
28	9,585 *	3,227 *	2,739 *	4,957 *	4,031 *	47,541	20,614	7,200 *	3,320 *	4,779 *	1,880 *	
29	4,714 *		2,867 *	9,729 *	3,566 *	23,094	22,527	10,046 *	3,275 *	5,005 *	2,014 *	
30	4,364 *		3,134 *	7,602 *	3,564 *	15,856	24,564	20,842 *	5,865 *	5,808 *	1,880 *	1,752 *
31	4,031 *		3,185 *		3,137 *		11,871	10,442 *		4,479 *		1,816 *
Caudal Max.		18,182 *	24,553 *	116,448 *	22,843 *	159,330 *	72,307	73,017 *	11,444 *	12,999 *	9,821 *	
Día		14	6	21	2	20	16	5	10	18	16	
Hora		9	18	9	18	9		18	9	9	18	
Caudal Mín.		2,014 *	2,534 *	3,133 *	2,953 *	3,818 *	5,870	4,477 *	3,133 *	2,780 *	1,880 *	
Día		23	vv	17	31	13	8	21	29	14	vv	
Hora		9		9	9	9	19	18	9	18		
Caudal Medio	6,390	5,192	4,638	10,394	6,725	17,851	20,081	8,803	5,020	4,723	3,381	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

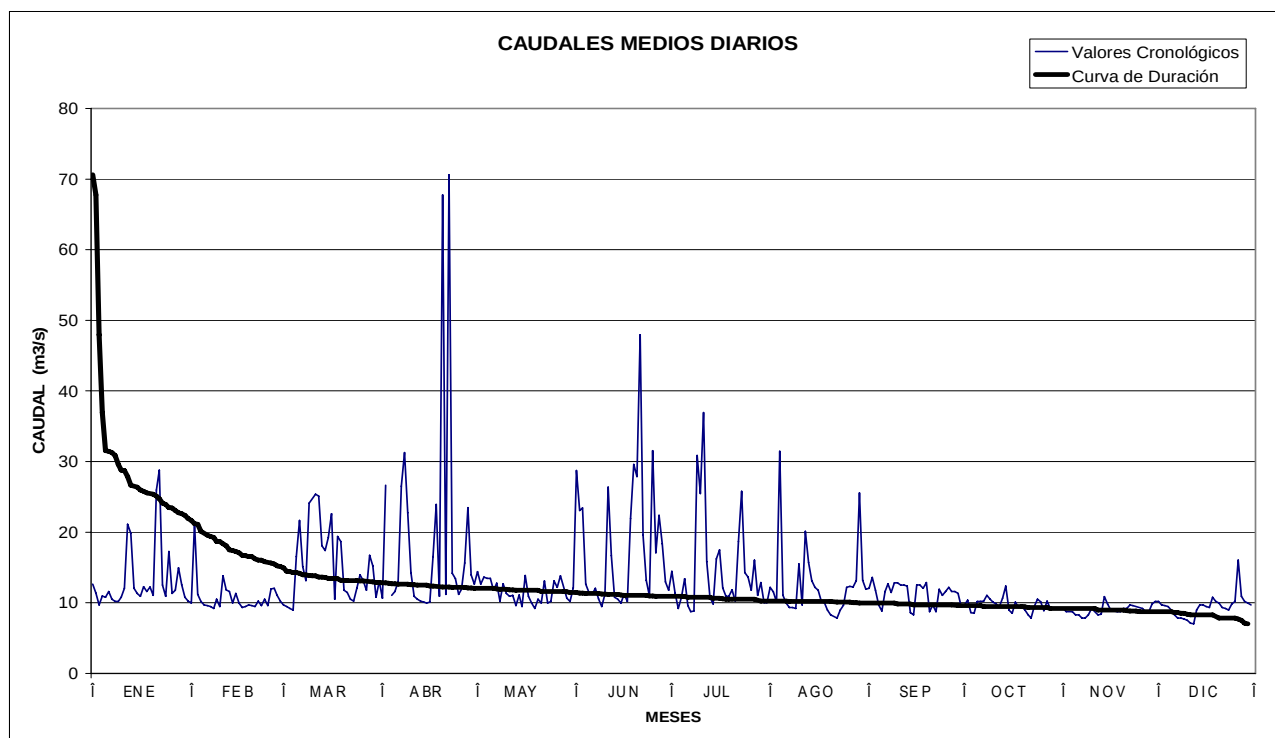


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H788	PUELA AJ CHAMBO											Area Drenaje:197 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	12,649 *	9,955 *	10,227 *	13,048 *	12,655 *	12,075 *	11,752 *	9,965 *	11,893 *	9,428 *	9,202 *	10,217 *
2	11,380 *	21,218 *	9,699 *	10,618 *	14,396 *	28,709 *	14,438 *	12,197 *	12,042 *	9,699 *	9,202 *	10,217 *
3	9,699 *	11,177 *	9,451 *	26,659 *	12,655 *	23,044 *	11,380 *	11,510 *	13,604 *	10,350 *	8,724 *	9,699 *
4	10,924 *	10,217 *	9,202 *		13,610 *	23,421 *	9,204 *	10,086 *	11,752 *	8,608 *	8,724 *	9,574 *
5	10,754 *	9,699 *	8,961 *	11,031 *	13,467 *	12,655 *	10,765 *	31,461 *	9,709 *	8,492 *	8,724 *	9,448 *
6	11,603 *	9,574 *	16,502 *	11,611 *	13,443 *	11,456 *	13,402 *	11,055 *	8,842 *	10,217 *	8,265 *	8,961 *
7	10,485 *	9,448 *	21,659 *	13,019 *	11,752 *	11,172 *	9,579 *	9,958 *	11,603 *	10,217 *	8,265 *	8,265 *
8	10,217 *	9,202 *	15,147 *	26,507 *	12,769 *	12,047 *	8,726 *	9,325 *	12,666 *	10,219 *	7,824 *	7,824 *
9	10,217 *	10,493 *	13,131 *	31,278 *	10,219 *	10,533 *	8,842 *	9,325 *	11,456 *	11,031 *	7,824 *	7,824 *
10	10,765 *	9,448 *	24,105 *	22,722 *	12,666 *	9,478 *	30,821 *	9,202 *	12,804 *	10,483 *	8,302 *	7,718 *
11	12,047 *	13,794 *	24,760 *	14,247 *	11,313 *	11,204 *	25,444 *	15,488 *	12,807 *	10,086 *	9,202 *	7,506 *
12	21,097 *	11,801 *	25,356 *	10,898 *	10,892 *	26,377 *	36,923 *	9,702 *	12,495 *	9,827 *	8,724 *	7,096 *
13	19,846 *	11,570 *	25,076 *	10,483 *	11,031 *	16,648 *	15,768 *	20,112 *	12,495 *	9,448 *	8,265 *	7,004 *
14	12,042 *	9,955 *	18,041 *	10,219 *	9,589 *	10,754 *	10,765 *	15,692 *	12,348 *	10,624 *	8,393 *	8,970 *
15	11,315 *	11,284 *	17,386 *	10,086 *	11,073 *	10,483 *	9,832 *	13,131 *	8,613 *	12,360 *	10,882 *	9,699 *
16	10,892 *	9,955 *	19,216 *	9,955 *	9,451 *	9,955 *	16,199 *	12,194 *	8,265 *	8,961 *	9,827 *	9,699 *
17	12,261 *	9,325 *	22,619 *	10,086 *	13,841 *	11,253 *	17,476 *	11,779 *	12,520 *	8,492 *	8,961 *	9,448 *
18	11,600 *	9,448 *	10,506 *	16,546 *	10,892 *	10,217 *	12,075 *	10,217 *	12,498 *	10,086 *	8,842 *	9,325 *
19	12,235 *	9,702 *	19,356 *	23,936 *	9,955 *	21,923 *	10,892 *	9,958 *	12,042 *	9,325 *	8,724 *	10,754 *
20	11,031 *	9,574 *	18,636 *	10,892 *	9,204 *	29,601 *	10,892 *	8,963 *	12,830 *	9,451 *	8,724 *	10,217 *
21	25,959 *	9,448 *	11,746 *	67,746 *	10,483 *	27,863 *	11,828 *	8,265 *	8,726 *	8,961 *	9,202 *	9,955 *
22	28,785 *	10,219 *	11,462 *	11,177 *	9,955 *	47,955 *	10,219 *	8,045 *	9,702 *	8,265 *	9,202 *	9,325 *
23	12,498 *	9,574 *	10,485 *	70,615 *	13,090 *	19,562 *	18,662 *	7,824 *	8,726 *	7,824 *	9,699 *	9,202 *
24	10,892 *	10,485 *	10,227 *	14,148 *	9,955 *	13,186 *	25,794 *	8,961 *	11,895 *	9,470 *	9,574 *	8,963 *
25	17,268 *	9,574 *	12,058 *	13,402 *	10,217 *	10,945 *	14,275 *	9,603 *	11,031 *	10,483 *	9,448 *	9,832 *
26	11,315 *	11,943 *	13,951 *	11,177 *	13,090 *	31,546 *	13,610 *	12,202 *	11,600 *	10,116 *	9,325 *	10,217 *
27	11,752 *	12,058 *	13,131 *	11,904 *	12,194 *	17,066 *	11,752 *	12,343 *	12,194 *	8,847 *	9,202 *	16,023 *
28	14,934 *	11,033 *	11,752 *	15,608 *	13,814 *	22,393 *	16,046 *	12,216 *	11,603 *	10,239 *	8,724 *	10,892 *
29	12,565 *		16,704 *	23,468 *	12,216 *	18,338 *	11,041 *	13,131 *	11,600 *	9,204 *	8,724 *	10,217 *
30	10,757 *		15,181 *	13,951 *	10,618 *	12,962 *	12,854 *	25,539 *	11,315 *	9,202 *	9,832 *	9,958 *
31	10,219 *		10,757 *		10,217 *		9,965 *	13,166 *		9,202 *		9,699 *
Caudal Max.	32,498 *	22,585 *	35,753 *		16,601 *	76,021 *	42,222 *	52,167 *	13,767 *	13,119 *	12,804 *	20,733 *
Día	22	2	11		2	20	10	5	3	15	15	27
Hora	7	18	18		18	10	7	18	18	18	18	18
Caudal Mín.	9,699 *	9,202 *	8,961 *		8,961 *	8,961 *	8,492 *	7,824 *	8,265 *	7,824 *	7,401 *	6,607 *
Día	3	8	5		20	10	8	22	16	1	10	13
Hora	7	7	7		7	7	18	18	7	7	7	18
Caudal Medio	13,226	10,756	15,371	18,863	11,636	17,827	14,556	12,342	11,389	9,652	8,951	9,476

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



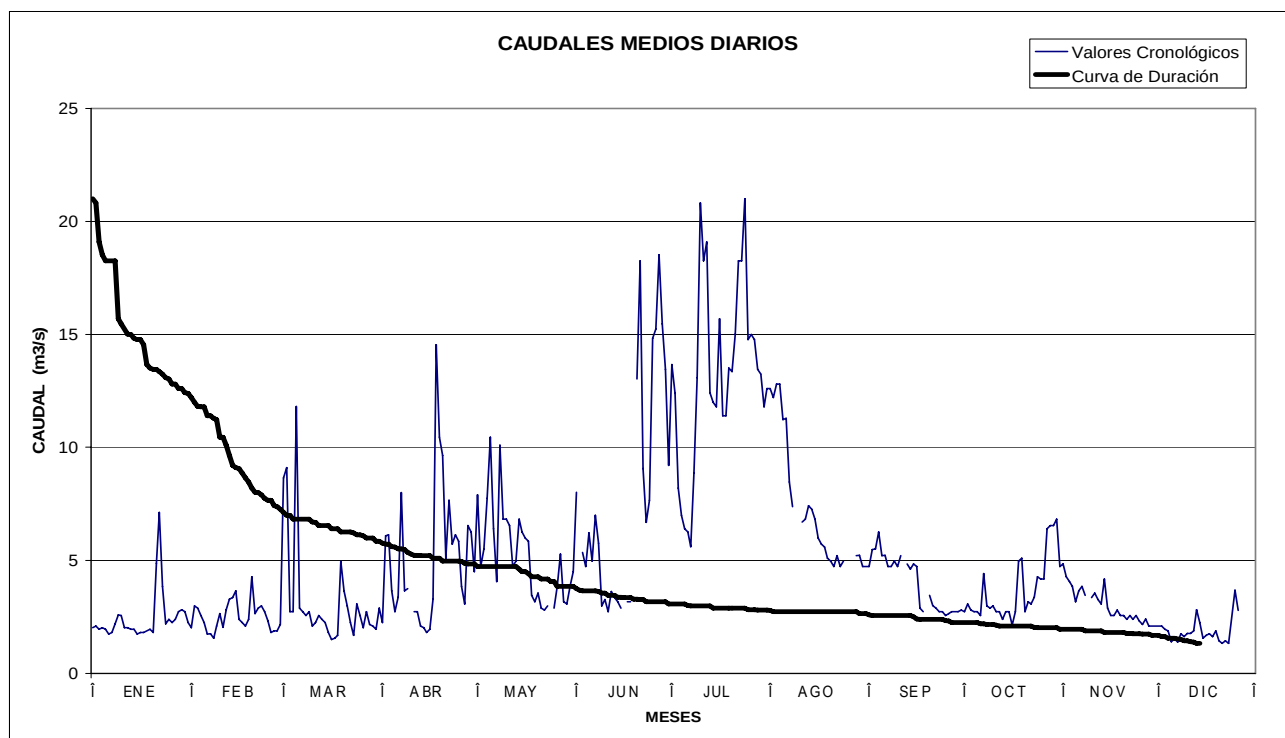
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H789	GUARGUALLA AJ CEBADAS											Area Drenaje:192 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2,020 *	2,020 *	2,165 *	2,883 *	4,501 *	4,501 *	9,209 *	12,605 *	4,732 *	2,806 *	4,732 *	2,093 *
2	2,093 *	2,985 *	8,654 *	2,241 *	7,892 *	8,005 *	13,661 *	12,605 *	4,732 *	2,721 *	4,848 *	2,093 *
3	1,950 *	2,894 *	9,099 *	6,088 *	4,732 *		12,384 *	12,210 *	5,484 *	3,072 *	4,278 *	2,093 *
4	2,020 *	2,555 *	2,721 *	6,119 *	5,504 *	5,350 *	8,199 *	12,810 *	5,505 *	2,806 *	4,061 *	1,950 *
5	1,950 *	2,241 *	2,721 *	3,646 *	7,743 *	4,732 *	6,998 *	12,810 *	6,257 *	2,721 *	3,850 *	1,880 *
6	1,747 *	1,747 *	11,808 *	2,721 *	10,446 *	6,207 *	6,398 *	11,226 *	5,213 *	2,721 *	3,166 *	1,404 *
7	1,814 *	1,750 *	2,894 *	3,364 *	6,398 *	4,969 *	6,257 *	11,280 *	5,219 *	2,555 *	3,646 *	1,522 *
8	2,192 *	1,558 *	2,721 *	8,000 *	4,061 *	6,998 *	5,594 *	8,469 *	4,732 *	4,418 *	3,850 *	1,383 *
9	2,592 *	2,093 *	2,555 *	3,646 *	10,102 *	5,763 *	8,857 *	7,373 *	4,732 *	2,981 *	3,448 *	1,750 *
10	2,555 *	2,637 *	2,721 *	3,746 *	6,821 *	2,981 *	13,082 *		4,969 *	2,894 *		1,622 *
11	2,020 *	2,037 *	2,093 *		6,821 *	3,264 *	20,809 *		4,732 *	2,985 *	3,351 *	1,758 *
12	2,020 *	2,809 *	2,247 *	2,721 *	6,536 *	2,721 *	18,251 *	6,691 *	5,213 *	2,721 *	3,546 *	1,758 *
13	1,950 *	3,276 *	2,555 *	2,721 *	4,732 *	3,626 *	19,090 *	6,821 *		2,721 *	3,264 *	1,883 *
14	1,950 *	3,354 *	2,395 *	2,093 *	4,969 *	3,351 *	12,420 *	7,414 *	4,848 *	2,395 *	3,072 *	2,813 *
15	1,747 *	3,646 *	2,241 *	2,020 *	6,821 *	3,166 *	11,991 *	7,262 *	4,615 *	2,727 *	4,181 *	2,239 *
16	1,814 *	2,395 *	1,814 *	1,814 *	6,257 *	2,894 *	11,794 *	6,821 *	4,848 *	2,721 *	2,894 *	1,558 *
17	1,814 *	2,241 *	1,497 *	1,950 *	5,985 *		15,693 *	5,985 *	4,732 *	2,128 *	2,555 *	1,683 *
18	1,880 *	2,093 *	1,558 *	3,276 *	5,855 *	3,163 *	11,396 *	5,721 *	2,894 *	2,721 *	2,555 *	1,750 *
19	1,950 *	2,395 *	1,683 *	14,544 *	3,448 *	3,166 *	11,396 *	5,590 *	2,721 *	4,969 *	2,806 *	1,622 *
20	1,814 *	4,278 *	4,948 *	10,446 *	3,166 *		13,508 *	5,092 *		5,092 *	2,555 *	1,883 *
21	4,865 *	2,637 *	3,646 *	9,636 *	3,549 *	13,023 *	13,351 *	4,969 *	3,455 *	2,721 *	2,555 *	1,438 *
22	7,114 *	2,894 *	2,985 *	5,089 *	2,894 *	18,251 *	15,006 *	4,732 *	2,994 *	3,166 *	2,395 *	1,330 *
23	3,850 *	2,985 *	2,241 *	7,657 *	2,806 *	9,069 *	18,251 *	5,213 *	2,894 *	3,072 *	2,555 *	1,444 *
24	2,192 *	2,721 *	1,683 *	5,721 *	2,981 *	6,677 *	18,251 *	4,732 *	2,721 *	3,364 *	2,395 *	1,330 *
25	2,395 *	2,328 *	3,072 *	6,119 *		7,657 *	21,006 *	4,969 *	2,721 *	4,278 *	2,555 *	2,501 *
26	2,241 *	1,814 *	2,555 *	5,851 *	2,894 *	14,834 *	14,769 *		2,555 *	4,167 *	2,319 *	3,669 *
27	2,395 *	1,880 *	2,020 *	3,850 *	3,850 *	15,231 *	14,998 *	5,985 *	2,637 *	4,171 *	2,168 *	2,783 *
28	2,721 *		2,721 *	3,079 *	5,274 *	18,530 *	14,773 *		2,721 *	6,398 *	2,401 *	
29	2,809 *		2,168 *	6,536 *	3,166 *	15,460 *	13,448 *	5,213 *	2,721 *	6,536 *	2,093 *	
30	2,721 *		2,093 *	6,257 *	3,072 *	13,448 *	13,232 *	5,219 *	2,721 *	6,536 *	2,093 *	
31	2,241 *		1,950 *		3,850 *		11,794 *	4,732 *		6,821 *		
Caudal Max.	7,566 *	4,388 *	20,809 *				26,785 *			6,966 *		
Día	21	20	6				13			31		
Hora	18	18	18				18			18		
Caudal Mín.	1,747 *	1,268 *	1,496 *				5,336 *			1,619 *		
Día	vv	11	17				8			17		
Hora		6	6				6			6		
Caudal Medio	2,433	2,505	3,168	4,960	5,237	7,668	13,092	7,576	4,083	3,616	3,110	1,897

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



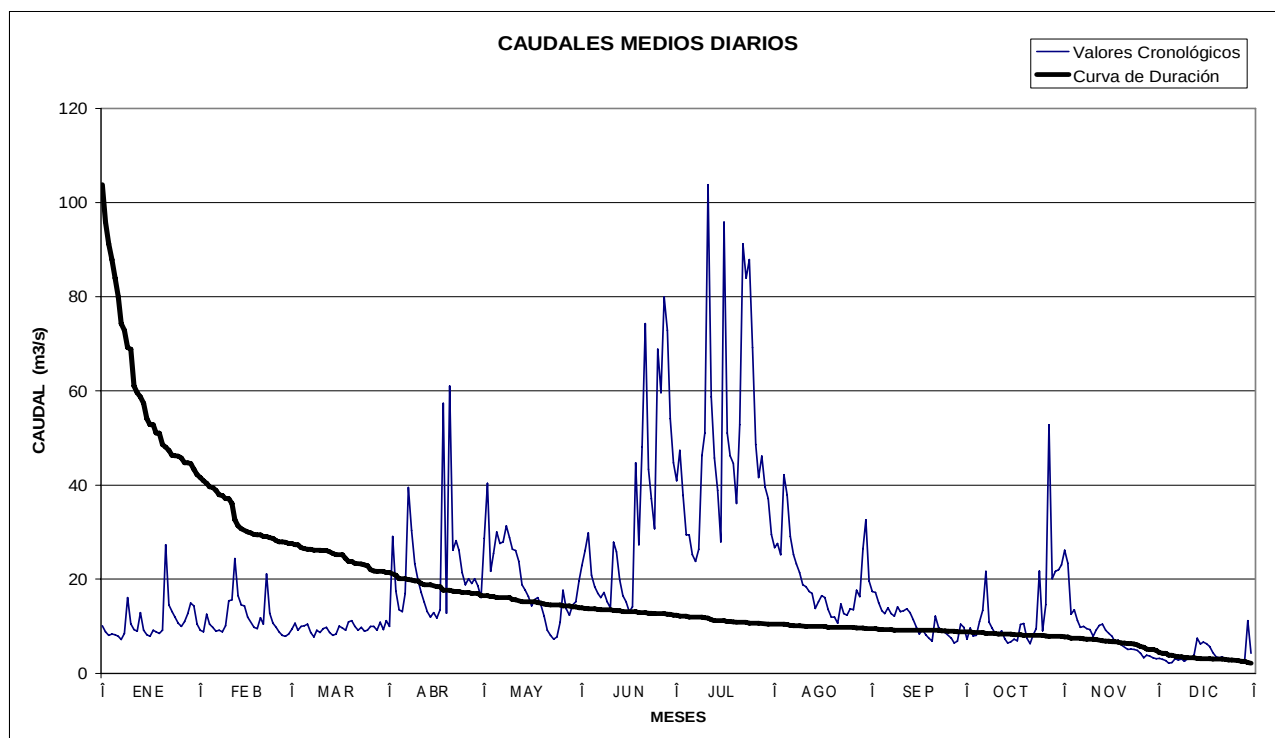
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H790	CEBADAS AJ GUAMOTE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	10,132 *	9,126 *	8,329 *	11,197 *	16,058 *	19,593 *	44,751 *	29,530 *	19,600 *	9,790 *	22,981 *	3,105 *
2	8,803 *	8,813 *	9,352 *	9,958 *	28,671 *	22,907 *	40,917 *	26,710 *	17,426 *	7,287 *	26,149 *	3,193 *
3	8,023 *	12,532 *	10,661 *	29,056 *	40,345 *	26,079 *	47,393 *	27,563 *	17,191 *	9,626 *	23,335 *	2,926 *
4	8,329 *	10,480 *	9,126 *	17,436 *	21,683 *	29,822 *	37,820 *	25,214 *	14,962 *	7,900 *	12,532 *	2,674 *
5	8,187 *	9,790 *	9,958 *	13,506 *	25,489 *	20,862 *	29,431 *	42,179 *	13,309 *	8,023 *	13,506 *	2,134 *
6	7,875 *	8,961 *	10,132 *	13,104 *	30,040 *	18,373 *	29,401 *	37,934 *	12,710 *	11,013 *	11,197 *	2,323 *
7	7,142 *	9,126 *	10,480 *	16,990 *	27,563 *	16,963 *	25,214 *	29,110 *	13,911 *	13,369 *	9,790 *	3,103 *
8	8,487 *	8,803 *	8,649 *	39,466 *	27,906 *	16,058 *	23,802 *	25,214 *	12,710 *	21,662 *	9,958 *	2,841 *
9	16,058 *	10,142 *	7,723 *	30,365 *	31,306 *	17,198 *	26,374 *	23,251 *	12,134 *	10,845 *	9,455 *	3,014 *
10	10,507 *	15,394 *	9,126 *	23,273 *	28,781 *	15,180 *	46,238 *	21,392 *	14,125 *	9,619 *	9,287 *	2,512 *
11	9,294 *	15,625 *	8,642 *	19,845 *	26,374 *	13,914 *	51,034 *	18,857 *	13,104 *	8,487 *	7,875 *	3,103 *
12	8,961 *	24,382 *	9,481 *	17,198 *	26,086 *	27,862 *	103,815 *	18,383 *	13,342 *	8,329 *	9,126 *	3,378 *
13	12,910 *	16,534 *	9,790 *	15,190 *	23,810 *	25,802 *	58,697 *	17,426 *	13,707 *	9,026 *	10,181 *	3,867 *
14	9,126 *	14,557 *	8,642 *	13,104 *	18,857 *	19,873 *	45,725 *	16,963 *	12,904 *	7,312 *	10,480 *	7,448 *
15	8,178 *	14,329 *	8,023 *	11,940 *	17,657 *	16,517 *	38,873 *	13,808 *	11,384 *	6,453 *	9,126 *	6,212 *
16	7,875 *	11,940 *	8,329 *	12,904 *	16,286 *	15,180 *	27,906 *	15,180 *	9,790 *	6,725 *	8,487 *	6,586 *
17	9,126 *	10,835 *	9,997 *	11,749 *	14,329 *	13,114 *	95,878 *	16,507 *	8,329 *	7,287 *	7,875 *	6,317 *
18	8,803 *	9,790 *	9,626 *	13,516 *	15,697 *	14,118 *	51,034 *	16,058 *	9,287 *	6,879 *	6,725 *	5,675 *
19	8,487 *	9,455 *	9,136 *	57,414 *	16,058 *	44,698 *	46,188 *	13,533 *	8,178 *	10,393 *	7,003 *	4,389 *
20	9,126 *	11,756 *	10,885 *	12,720 *	14,537 *	27,325 *	44,558 *	11,940 *	7,429 *	10,595 *	6,055 *	3,475 *
21	27,282 *	10,480 *	11,197 *	61,061 *	12,134 *	48,068 *	36,066 *	11,950 *	6,861 *	7,429 *	5,548 *	3,284 *
22	14,537 *	21,154 *	9,958 *	26,151 *	9,126 *	74,313 *	52,801 *	10,655 *	12,127 *	6,317 *	5,066 *	3,472 *
23	13,104 *	12,736 *	9,126 *	28,224 *	8,023 *	43,368 *	91,197 *	14,761 *	9,790 *	8,023 *	5,184 *	3,014 *
24	11,940 *	10,655 *	9,790 *	26,151 *	7,287 *	37,085 *	83,934 *	12,710 *	9,126 *	9,464 *	5,066 *	3,103 *
25	10,655 *	9,790 *	8,961 *	21,392 *	7,723 *	30,693 *	87,916 *	12,331 *	8,649 *	21,757 *	4,835 *	3,014 *
26	9,958 *	8,803 *	9,126 *	18,857 *	10,832 *	68,888 *	69,198 *	13,707 *	8,023 *	8,981 *	4,283 *	3,014 *
27	11,020 *	8,023 *	9,958 *	20,094 *	17,664 *	59,572 *	48,583 *	13,516 *	7,429 *	14,573 *	3,284 *	2,841 *
28	12,710 *	7,875 *	9,964 *	19,098 *	13,727 *	79,939 *	41,569 *	17,657 *	6,453 *	52,801 *	3,864 *	2,756 *
29	14,911 *		9,126 *	20,094 *	12,371 *	72,870 *	46,122 *	16,286 *	6,861 *	20,094 *	3,665 *	2,512 *
30	14,329 *		10,862 *	18,611 *	14,537 *	54,085 *	39,594 *	26,497 *	10,480 *	21,662 *	3,284 *	11,197 *
31	10,480 *		9,287 *		15,180 *		37,069 *	32,612 *		21,993 *		4,283 *
Caudal Max.	28,778 *	27,560 *	12,318 *	79,528 *	42,594 *	90,781 *	136,796 *	54,960 *	20,347 *	54,960 *	31,952 *	11,562 *
Día	21	22	20	21	2	28	17	5	1	28	2	30
Hora	17	7	17	7	17	7	17	17	7	7	17	7
Caudal Mín.	7,000 *	7,574 *	7,574 *	9,787 *	7,000 *	12,318 *	23,525 *	10,477 *	6,184 *	6,184 *	3,284 *	1,720 *
Día	7	28	9	2	24	17	8	22	28	18	vv	6
Hora	17	17	17	17	17	17	17	17	17	7		7
Caudal Medio	10,850	11,853	9,466	21,655	19,230	33,011	49,971	20,304	11,378	12,378	9,173	3,896

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



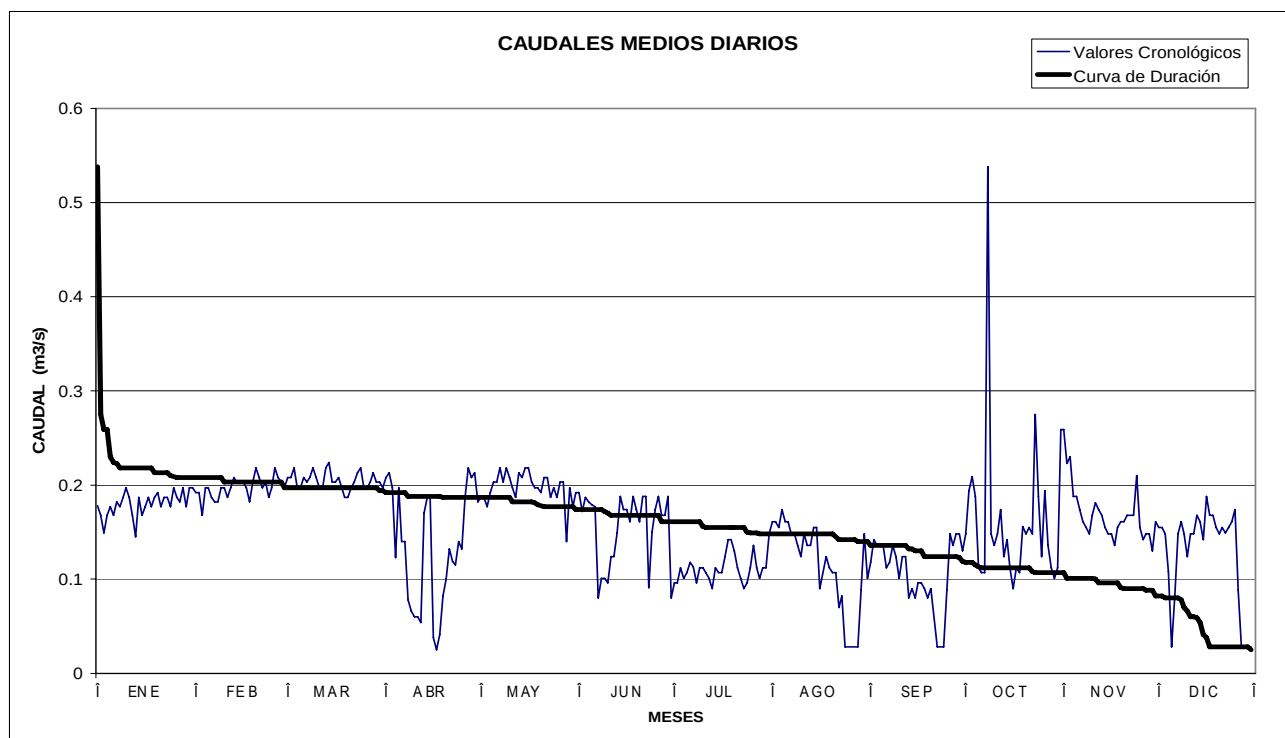
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H791	BALSACON EN SAN ANDRES											Area Drenaje:709 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,178 *	0,192 *	0,197 *	0,197 *	0,182 *	0,192 *	0,080 *	0,148 *	0,101 *	0,130 *	0,259 *	0,161 *
2	0,168 *	0,192 *	0,208 *	0,208 *	0,187 *	0,192 *	0,096 *	0,161 *	0,118 *	0,148 *	0,259 *	0,155 *
3	0,149 *	0,168 *	0,208 *	0,213 *	0,187 *	0,172 *	0,096 *	0,161 *	0,142 *	0,194 *	0,223 *	0,155 *
4	0,168 *	0,197 *	0,218 *	0,197 *	0,177 *	0,187 *	0,112 *	0,155 *	0,136 *	0,209 *	0,230 *	0,148 *
5	0,177 *	0,197 *	0,197 *	0,123 *	0,192 *	0,182 *	0,101 *	0,174 *	0,136 *	0,188 *	0,188 *	0,108 *
6	0,168 *	0,187 *	0,197 *	0,197 *	0,203 *	0,179 *	0,107 *	0,161 *	0,136 *	0,112 *	0,188 *	0,028 *
7	0,182 *	0,182 *	0,208 *	0,140 *	0,203 *	0,177 *	0,118 *	0,161 *	0,112 *	0,107 *	0,174 *	0,082 *
8	0,177 *	0,182 *	0,203 *	0,140 *	0,218 *	0,080 *	0,113 *	0,148 *	0,118 *	0,107 *	0,161 *	0,148 *
9	0,187 *	0,197 *	0,208 *	0,078 *	0,203 *	0,101 *	0,096 *	0,148 *	0,136 *	0,538 *	0,155 *	0,161 *
10	0,197 *	0,197 *	0,218 *	0,066 *	0,218 *	0,101 *	0,112 *	0,136 *	0,124 *	0,148 *	0,148 *	0,148 *
11	0,187 *	0,187 *	0,208 *	0,060 *	0,208 *	0,096 *	0,112 *	0,124 *	0,101 *	0,136 *	0,168 *	0,124 *
12	0,168 *	0,197 *	0,197 *	0,060 *	0,197 *	0,124 *	0,107 *	0,148 *	0,124 *	0,148 *	0,181 *	0,148 *
13	0,145 *	0,208 *	0,197 *	0,054 *	0,187 *	0,124 *	0,101 *	0,136 *	0,124 *	0,174 *	0,174 *	0,148 *
14	0,187 *	0,203 *	0,218 *	0,170 *	0,213 *	0,149 *	0,090 *	0,136 *	0,080 *	0,124 *	0,168 *	0,168 *
15	0,168 *	0,203 *	0,224 *	0,187 *	0,208 *	0,188 *	0,112 *	0,155 *	0,090 *	0,142 *	0,155 *	0,161 *
16	0,177 *	0,203 *	0,203 *	0,187 *	0,218 *	0,174 *	0,107 *	0,155 *	0,080 *	0,112 *	0,148 *	0,142 *
17	0,187 *	0,197 *	0,203 *	0,038 *	0,218 *	0,174 *	0,107 *	0,090 *	0,096 *	0,090 *	0,148 *	0,188 *
18	0,177 *	0,182 *	0,208 *	0,025 *	0,203 *	0,161 *	0,124 *	0,107 *	0,096 *	0,112 *	0,136 *	0,168 *
19	0,187 *	0,203 *	0,197 *	0,041 *	0,197 *	0,188 *	0,142 *	0,124 *	0,090 *	0,107 *	0,155 *	0,168 *
20	0,192 *	0,218 *	0,187 *	0,082 *	0,197 *	0,174 *	0,142 *	0,112 *	0,080 *	0,156 *	0,161 *	0,155 *
21	0,177 *	0,208 *	0,187 *	0,100 *	0,192 *	0,161 *	0,130 *	0,107 *	0,090 *	0,148 *	0,161 *	0,148 *
22	0,187 *	0,197 *	0,197 *	0,132 *	0,208 *	0,188 *	0,112 *	0,107 *	0,059 *	0,155 *	0,168 *	0,155 *
23	0,187 *	0,203 *	0,203 *	0,119 *	0,208 *	0,188 *	0,101 *	0,070 *	0,028 *	0,148 *	0,168 *	0,149 *
24	0,177 *	0,187 *	0,213 *	0,115 *	0,187 *	0,091 *	0,090 *	0,082 *	0,028 *	0,275 *	0,168 *	0,155 *
25	0,197 *	0,197 *	0,218 *	0,140 *	0,197 *	0,150 *	0,096 *	0,028 *	0,028 *	0,188 *	0,210 *	0,161 *
26	0,187 *	0,218 *	0,197 *	0,132 *	0,187 *	0,174 *	0,112 *	0,028 *	0,088 *	0,124 *	0,155 *	0,174 *
27	0,182 *	0,208 *	0,197 *	0,187 *	0,203 *	0,188 *	0,136 *	0,028 *	0,148 *	0,194 *	0,142 *	0,088 *
28	0,197 *	0,203 *	0,203 *	0,218 *	0,203 *	0,168 *	0,112 *	0,028 *	0,136 *	0,136 *	0,148 *	0,028 *
29	0,177 *		0,213 *	0,208 *	0,140 *	0,168 *	0,101 *	0,028 *	0,148 *	0,112 *	0,148 *	0,028 *
30	0,197 *		0,203 *	0,213 *	0,197 *	0,188 *	0,112 *	0,088 *	0,148 *	0,101 *	0,130 *	0,028 *
31	0,197 *		0,203 *		0,177 *		0,112 *	0,148 *		0,112 *		0,028 *
Caudal Max.	0,197 *	0,218 *	0,229 *	0,240 *	0,218 *	0,218 *	0,148 *	0,174 *	0,148 *	0,557 *	0,259 *	0,187 *
Día	vv	vv	15	14	vv	6	19	5	vv	9	vv	5
Hora			17	17		17	7	7		17		7
Caudal Mín.	0,140 *	0,168 *	0,187 *	0,025 *	0,140 *	0,080 *	0,080 *	0,028 *	0,028 *	0,090 *	0,112 *	0,028 *
Día	3	3	vv	18	29	24	1	vv	vv	17	30	vv
Hora	7	17		7	17	7	7			7	17	
Caudal Medio	0,180	0,197	0,204	0,134	0,197	0,159	0,110	0,116	0,104	0,157	0,173	0,129

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

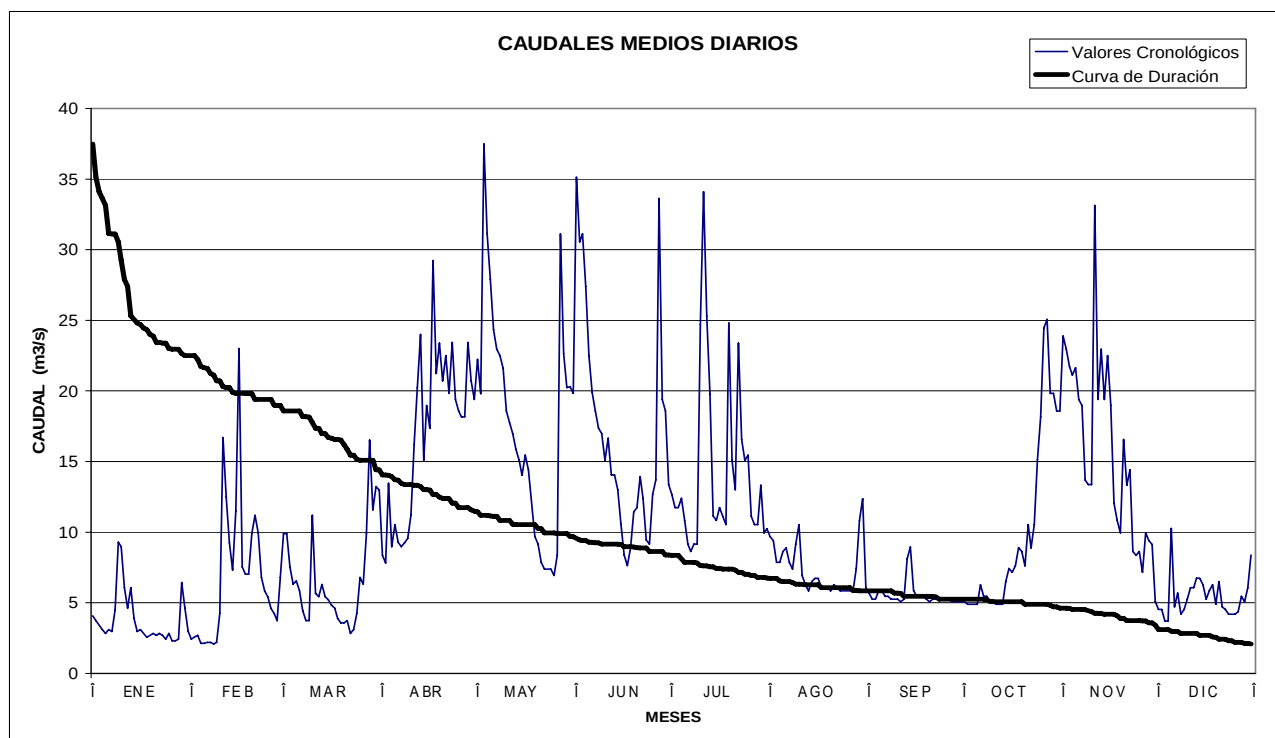


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H792	CUTUCHI AJ YANAYACU											Area Drenaje:2018 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	4,063 *	2,422 *	6,793 *	12,972 *	19,395 *	19,838 *	13,356 *	10,233 *	6,059 *	5,068 *	18,565 *	5,084 *
2	3,723 *	2,580 *	9,888 *	8,349 *	22,224 *	35,117 *	12,675 *	9,672 *	5,678 *	5,068 *	23,882 *	4,525 *
3	3,403 *	2,678 *	9,888 *	7,823 *	19,805 *	30,557 *	11,730 *	9,405 *	5,262 *	4,889 *	22,940 *	4,525 *
4	3,102 *	2,127 *	7,541 *	13,452 *	37,476 *	31,117 *	11,730 *	7,862 *	5,262 *	4,889 *	21,724 *	3,706 *
5	2,819 *	2,127 *	6,314 *	8,951 *	31,142 *	27,387 *	12,390 *	7,862 *	5,847 *	4,889 *	21,122 *	3,706 *
6	3,102 *	2,182 *	6,536 *	10,530 *	27,888 *	22,497 *	10,834 *	8,624 *	5,847 *	4,889 *	21,645 *	10,253 *
7	2,952 *	2,182 *	5,836 *	9,272 *	24,348 *	19,894 *	9,148 *	8,872 *	5,449 *	6,263 *	19,395 *	4,703 *
8	4,504 *	2,075 *	4,422 *	8,951 *	22,940 *	18,565 *	8,624 *	7,862 *	5,449 *	5,449 *	18,964 *	5,678 *
9	9,272 *	2,182 *	3,723 *	9,233 *	22,497 *	17,347 *	9,148 *	7,385 *	5,262 *	5,449 *	13,681 *	4,193 *
10	8,951 *	4,252 *	3,723 *	9,553 *	21,588 *	16,970 *	9,148 *	9,148 *	5,262 *	5,068 *	13,356 *	4,533 *
11	6,069 *	16,696 *	11,200 *	11,200 *	18,565 *	15,084 *	24,692 *	10,529 *	5,262 *	5,068 *	13,356 *	5,262 *
12	4,622 *	12,489 *	5,658 *	16,205 *	17,757 *	16,657 *	34,105 *	6,925 *	5,068 *	4,889 *	33,139 *	6,059 *
13	6,069 *	9,233 *	5,424 *	20,225 *	16,970 *	14,037 *	25,314 *	6,280 *	5,254 *	4,889 *	19,395 *	6,059 *
14	3,903 *	7,296 *	6,291 *	23,998 *	15,849 *	14,037 *	19,805 *	5,847 *	8,101 *	4,889 *	22,940 *	6,748 *
15	2,952 *	11,493 *	5,424 *	15,084 *	15,084 *	13,010 *	11,149 *	6,483 *	8,947 *	6,483 *	19,395 *	6,713 *
16	3,102 *	23,000 *	5,202 *	18,964 *	14,016 *	10,558 *	10,834 *	6,713 *	5,864 *	7,412 *	22,497 *	6,280 *
17	2,819 *	7,541 *	4,802 *	17,347 *	15,461 *	8,386 *	11,730 *	6,713 *	5,449 *	7,146 *	18,997 *	5,254 *
18	2,554 *	7,027 *	4,622 *	29,227 *	14,403 *	7,632 *	11,119 *	6,051 *	5,449 *	7,614 *	12,055 *	5,864 *
19	2,696 *	7,027 *	3,903 *	21,235 *	12,055 *	8,872 *	10,529 *	6,059 *	5,449 *	8,900 *	10,834 *	6,280 *
20	2,819 *	9,888 *	3,573 *	23,394 *	9,691 *	11,434 *	24,825 *	6,059 *	5,262 *	8,624 *	9,957 *	4,889 *
21	2,696 *	11,200 *	3,573 *	20,702 *	9,148 *	11,730 *	15,084 *	5,847 *	5,068 *	7,614 *	16,572 *	6,483 *
22	2,819 *	9,954 *	3,723 *	22,497 *	7,862 *	13,928 *	13,010 *	6,263 *	5,262 *	10,529 *	13,335 *	4,703 *
23	2,678 *	6,793 *	2,819 *	19,838 *	7,385 *	12,390 *	23,394 *	6,051 *	5,262 *	8,872 *	14,403 *	4,533 *
24	2,422 *	5,836 *	3,102 *	23,428 *	7,376 *	9,434 *	16,572 *	5,847 *	5,262 *	10,529 *	8,624 *	4,193 *
25	2,819 *	5,403 *	4,252 *	19,395 *	7,385 *	9,148 *	15,084 *	5,847 *	5,262 *	15,168 *	8,358 *	4,193 *
26	2,306 *	4,601 *	6,793 *	18,565 *	6,925 *	12,675 *	15,440 *	5,847 *	5,262 *	18,177 *	8,624 *	4,193 *
27	2,306 *	4,232 *	6,314 *	18,144 *	8,358 *	13,712 *	11,119 *	5,847 *	5,262 *	24,441 *	7,164 *	4,371 *
28	2,422 *	3,723 *	9,888 *	18,177 *	31,114 *	33,616 *	10,529 *	5,847 *	5,068 *	25,059 *	9,957 *	5,449 *
29	6,429 *		16,519 *	23,428 *	22,634 *	19,395 *	10,529 *	7,412 *	5,068 *	19,838 *	9,396 *	5,068 *
30	4,622 *		11,577 *	20,702 *	20,225 *	18,565 *	13,335 *	10,834 *	5,068 *	19,838 *	9,129 *	6,059 *
31	2,970 *		13,234 *		20,292 *		9,957 *	12,360 *		18,565 *		8,386 *
Caudal Max.	10,476 *	36,781 *	22,562 *	31,114 *	41,546 *	42,895 *	42,895 *	13,000 *	10,519 *	29,460 *	42,895 *	11,109 *
Día	9	16	29	18	4	2	12	31	15	28	12	6
Hora	7	7	7	7	17	17	17	7	7	7	7	7
Caudal Mín.	2,067 *	1,851 *	2,546 *	7,015 *	6,475 *	6,916 *	7,853 *	5,644 *	4,881 *	4,525 *	6,475 *	3,552 *
Día	27	8	23	3	26	18	8	13	9	3	27	4
Hora	17	17	17	17	17	17	17	17	17	17	17	17
Caudal Medio	3,806	6,723	6,534	16,695	17,673	17,120	14,417	7,503	5,578	9,563	16,113	5,417

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



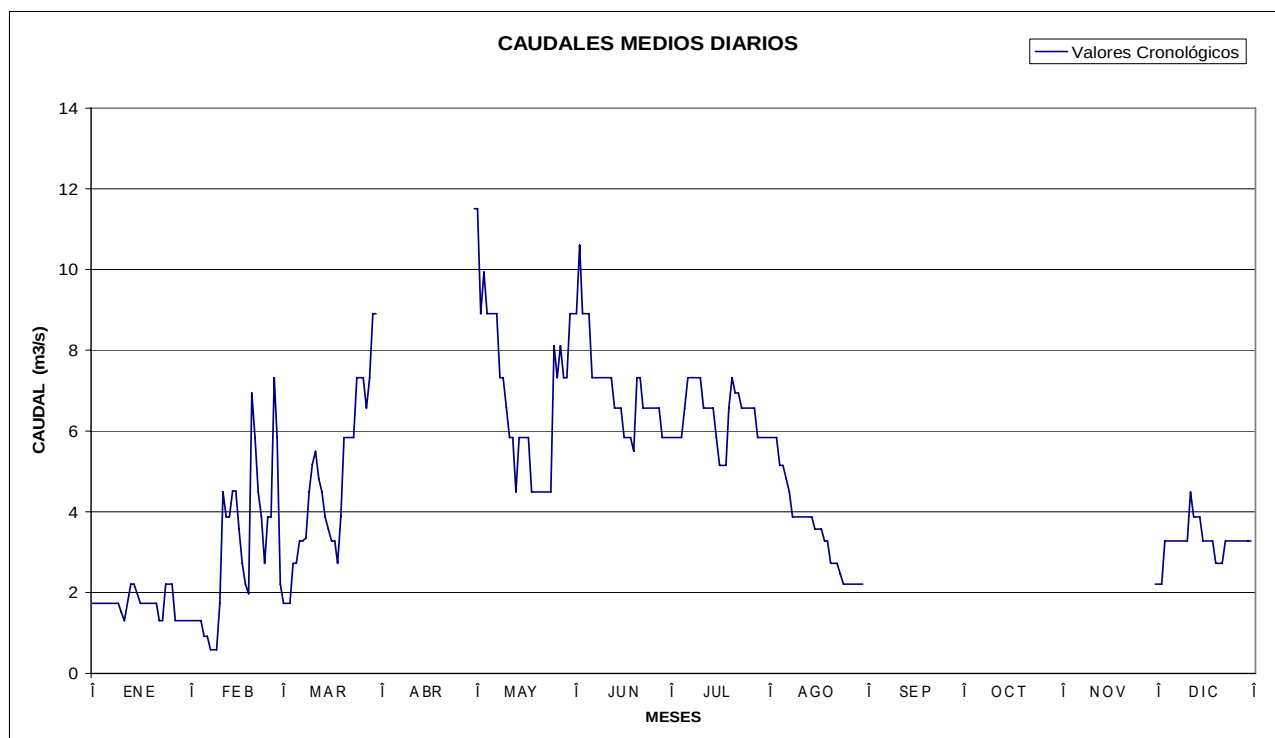
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H793	NAGSICHE PLTA.ELEC.CUSUBAMBA											Area Drenaje:328 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1,735 *	1,303 *	2,210 *		11,505 *	8,909 *	5,845 *	5,845 *				2,210 *
2	1,735 *	1,303 *	1,735 *		11,505 *	8,909 *	5,845 *	5,845 *				2,210 *
3	1,735 *	1,303 *	1,735 *		8,909 *	10,610 *	5,845 *	5,845 *				2,210 *
4	1,735 *	1,303 *	1,735 *		9,936 *	8,909 *	5,845 *	5,845 *				3,280 *
5	1,735 *	0,918 *	2,726 *		8,909 *	8,909 *	5,845 *	5,154 *				3,280 *
6	1,735 *	0,918 *	2,726 *		8,909 *	8,909 *	6,567 *	5,154 *				3,280 *
7	1,735 *	0,584 *	3,280 *		8,909 *	7,318 *	7,318 *	4,825 *				3,280 *
8	1,735 *	0,584 *	3,280 *		8,909 *	7,318 *	7,318 *	4,496 *				3,280 *
9	1,735 *	0,584 *	3,353 *		7,318 *	7,318 *	7,318 *	3,871 *				3,280 *
10	1,519 *	1,735 *	4,496 *		7,318 *	7,318 *	7,318 *	3,871 *				3,280 *
11	1,303 *	4,496 *	5,170 *		6,582 *	7,318 *	7,318 *	3,871 *				3,280 *
12	1,757 *	3,871 *	5,500 *		5,845 *	7,318 *	6,567 *	3,871 *				4,496 *
13	2,210 *	3,871 *	4,825 *		5,845 *	7,318 *	6,567 *	3,871 *				3,871 *
14	2,210 *	4,513 *	4,496 *		4,496 *	6,567 *	6,567 *	3,871 *				3,871 *
15	1,973 *	4,513 *	3,871 *		5,845 *	6,567 *	6,567 *	3,871 *				3,871 *
16	1,735 *	3,575 *	3,575 *		5,845 *	6,567 *	5,845 *	3,575 *				3,280 *
17	1,735 *	2,726 *	3,280 *		5,845 *	5,845 *	5,154 *	3,575 *				3,280 *
18	1,735 *	2,210 *	3,280 *		5,845 *	5,845 *	5,154 *	3,575 *				3,280 *
19	1,735 *	1,973 *	2,726 *		4,496 *	5,845 *	5,154 *	3,280 *				3,280 *
20	1,735 *	6,943 *	3,871 *		4,496 *	5,500 *	6,567 *	3,280 *				2,726 *
21	1,735 *	5,845 *	5,845 *		4,496 *	7,318 *	7,318 *	2,726 *				2,726 *
22	1,303 *	4,496 *	5,845 *		4,496 *	7,318 *	6,943 *	2,726 *				2,726 *
23	1,303 *	3,871 *	5,845 *		4,496 *	6,567 *	6,943 *	2,726 *				3,280 *
24	2,210 *	2,726 *	5,845 *		4,496 *	6,567 *	6,567 *	2,468 *				3,280 *
25	2,210 *	3,871 *	7,318 *		4,496 *	6,567 *	6,567 *	2,210 *				3,280 *
26	2,210 *	3,871 *	7,318 *		8,114 *	6,567 *	6,567 *	2,210 *				3,280 *
27	1,303 *	7,318 *	7,318 *		7,318 *	6,567 *	6,567 *	2,210 *				3,280 *
28	1,303 *	5,845 *	6,567 *		8,114 *	6,567 *	6,567 *	2,210 *				3,280 *
29	1,303 *		7,318 *		7,318 *	5,845 *	5,845 *	2,210 *				3,280 *
30	1,303 *		8,909 *		7,318 *	5,845 *	5,845 *	2,210 *				3,280 *
31	1,303 *		8,909 *		8,909 *		5,845 *	2,210 *				3,280 *
Caudal Max.	2,210 *	7,318 *	8,909 *		12,047 *	10,610 *	7,318 *	5,845 *				4,496 *
Día	vv	27	vv		1	3	vv	vv				12
Hora		7			17	7						7
Caudal Mín.	1,303 *	0,584 *	1,735 *		4,496 *	5,154 *	5,154 *	2,210 *				2,210 *
Día	vv	vv	vv		vv	17	vv	vv				vv
Hora						17						
Caudal Medio	1,701	3,109	4,674		6,995	7,161	6,390	3,662				3,219

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

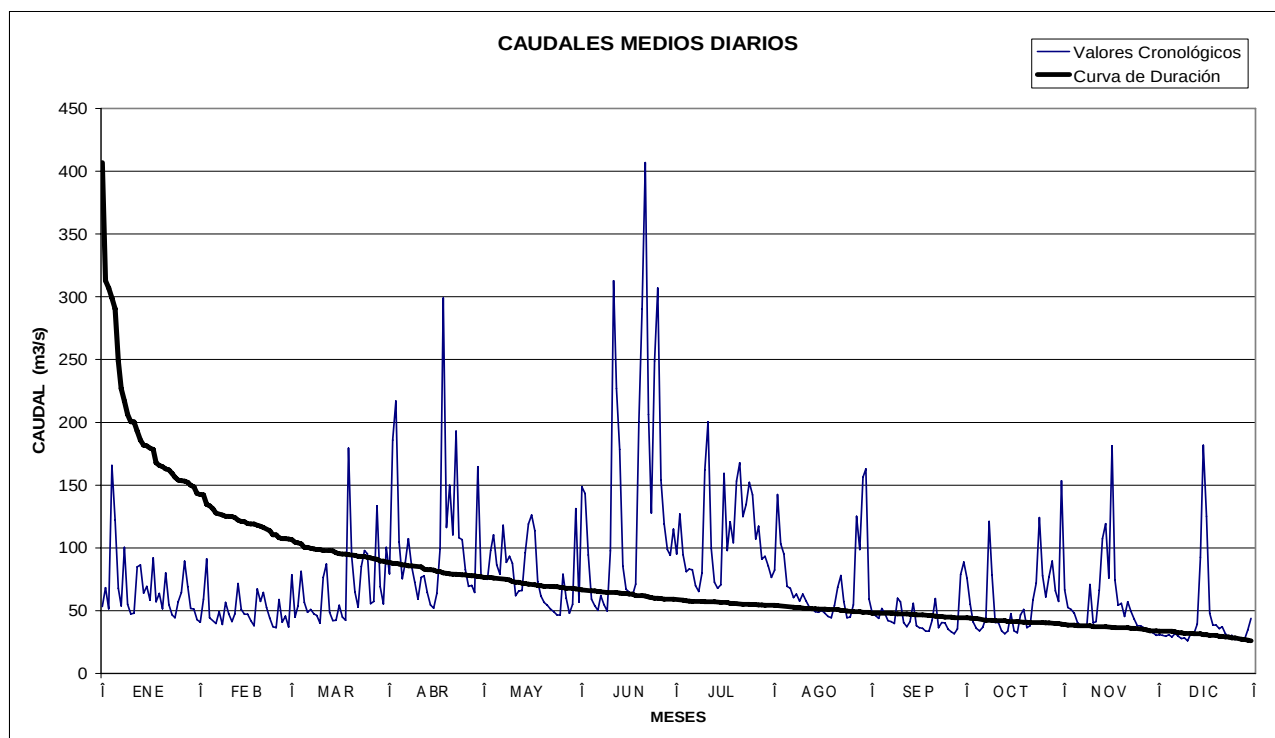


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H889	ZAMORA DJ SABANILLA(EN ZAMORA)												Area Drenaje:1390 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	53,275 *	40,700 *	36,854 *	100,217	77,290	56,777	114,784	76,337	59,194	88,638	153,417	30,187	
2	68,094 *	58,992 *	78,337 *	79,101	75,033	148,685	95,114	82,239	47,790	75,714	66,508	30,750	
3	51,375 *	91,115 *	44,796 *	185,740	74,854	143,274	126,822	142,523	46,058	54,793	52,330	30,187	
4	165,649 *	44,385 *	53,413 *	216,857	97,707	94,093	94,514	103,067	43,849	40,783	50,849	29,533	
5	121,970 *	41,904 *	81,196 *	104,472	110,381	59,117	80,880	94,909	51,601	35,745	47,815	30,719	
6	67,725 *	39,525 *	56,603 *	75,401	86,324	53,981	83,105	69,355	47,702	33,958	40,304	28,887	
7	53,710 *	49,177 *	48,692 *	87,632	78,926	50,152	82,640	67,723	41,899	36,584	38,367	31,763	
8	100,306 *	38,751 *	50,930 *	107,176	117,939	61,799	69,712	60,334	41,158	44,318	37,227	29,533	
9	54,801 *	56,603 *	47,365 *	85,575	88,272	54,694	65,157	63,036	39,523	120,905	37,219	27,623	
10	47,355 *	47,355 *	46,102 *	72,759	93,380	49,563	79,635	57,519	59,961	78,561	70,856	28,209	
11	47,810 *	41,140 *	39,922 *	59,035	87,744	97,451	162,144	63,241	56,923	40,304	40,226	25,884	
12	84,797 *	47,365 *	76,489 *	76,318	61,802	312,667	200,291	57,761	40,304	40,304	41,266	31,774	
13	86,269 *	71,355 *	87,249 *	77,595	65,574	226,678	99,417	53,035	37,227	33,790	66,262	31,769	
14	63,859 *	50,980 *	48,717 *	64,307	65,911	178,418	72,707	51,121	41,224	31,522	107,194	39,257	
15	69,396 *	46,924 *	41,899 *	54,323	96,015	85,242	67,673	49,099	55,614	33,503	119,311	92,506	
16	58,154 *	46,939 *	42,334 *	51,876	118,834	66,825	70,639	48,672	37,982	47,487	75,966	181,564	
17	91,887 *	41,919 *	54,191 *	63,549	126,083	64,696	159,316	50,146	36,482	33,956	181,277	124,997	
18	57,058 *	37,982 *	44,845 *	99,046	113,715	62,024	97,897	47,893	35,745	32,203	74,221	47,715	
19	63,730 *	67,218 *	42,305 *	299,037	73,104	70,954	120,710	45,283	33,592	46,665	54,007	38,348	
20	51,380 *	57,188 *	179,402	116,194	61,488	200,456	103,912	44,085	33,592	50,954	55,674	38,473	
21	79,885 *	64,460 *	92,866	149,941	56,655	290,434	153,082	54,179	42,125	36,299	45,282	35,651	
22	54,750 *	52,317 *	64,833	110,339	54,170	407,023	167,705	68,517	59,366	37,951	57,082	37,227	
23	46,498 *	43,979 *	52,618	193,020	51,089	206,008	124,644	77,873	36,445	58,669	49,280	31,522	
24	44,385 *	37,227 *	85,044	107,994	49,199	127,603	134,493	57,383	40,372	71,895	43,139	28,887	
25	56,965 *	36,482 *	97,702	106,496	46,643	248,586	152,089	44,365	40,169	124,083	37,982	30,187	
26	64,290 *	58,738 *	95,302	82,548	46,416	306,930	142,133	44,709	35,001	77,785	37,982	27,004	
27	89,369 *	40,729 *	55,549	69,299	79,001	153,875	106,920	54,625	32,893	60,893	36,482	28,251	
28	68,948 *	45,384 *	57,334	69,956	59,869	119,043	117,298	125,063	31,480	76,872	33,592	26,394	
29	51,558 *		133,511	64,450	47,704	98,704	90,843	98,585	35,374	89,354	33,592	27,163	
30	51,021 *		68,908	164,578	55,019	94,022	93,267	156,138	78,651	65,747	32,169	34,465	
31	42,716 *		55,184		131,143		85,404	162,735		57,310		43,896	
Caudal Max.	236,379 *	126,145 *	186,497	497,635	284,158	657,878	374,448	292,100	115,810	268,600	278,924	233,985	
Día	4	3	20	23	31	12	11	30	30	19	1	16	
Hora	18	7	16	13	8	2	20	20	9	22	13	16	
Caudal Mín.	41,899 *	36,482 *	36,482 *	51,375	45,207	48,671	62,080	42,711	30,850	30,850	31,522	25,792	
Día	25	25	1	16	29	11	10	27	28	15	30	30	
Hora	7	7	18	7	23	3		5	22		22	11	
Caudal Medio	68,032	49,887	66,467	106,494	78,945	139,659	110,160	73,276	43,976	56,695	60,563	41,946	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



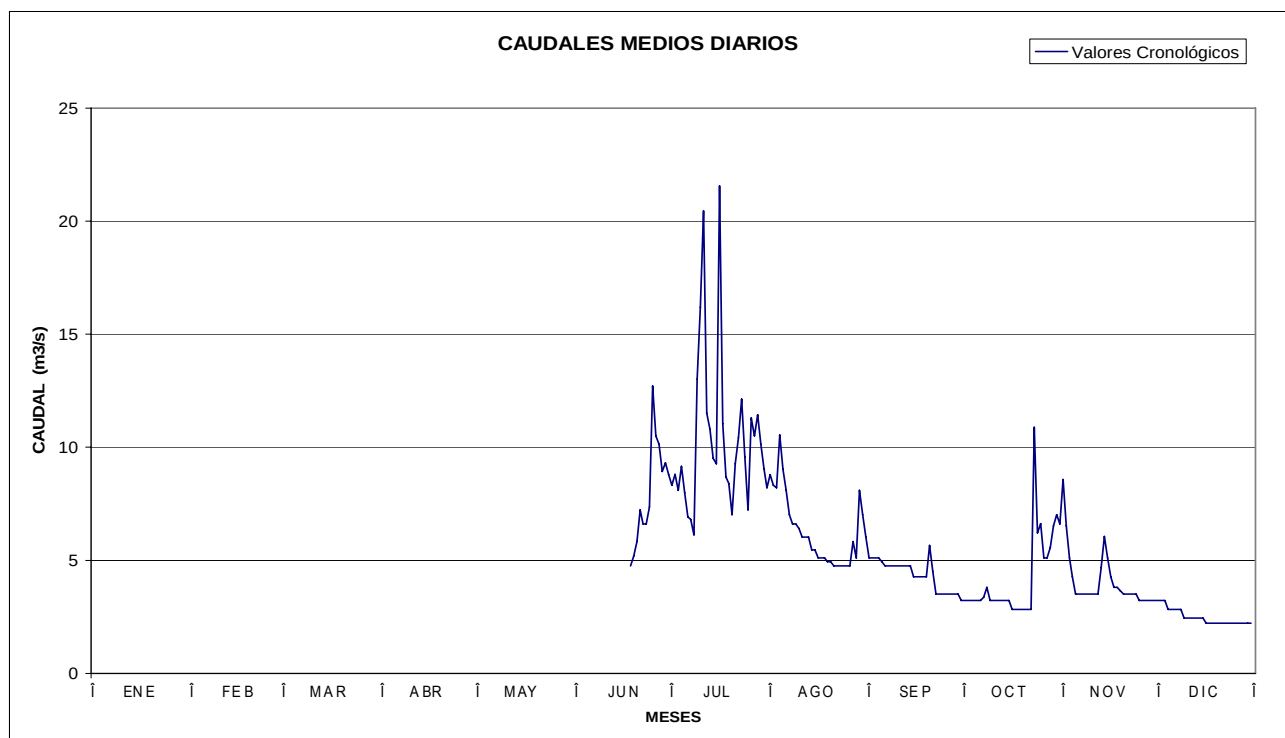
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H892	MAZAR AJ PAUTE											Area Drenaje:152 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1							8,791 *	8,214 *	6,021 *	3,217 *	6,601 *	3,217 *
2							8,327 *	8,789 *	5,101 *	3,217 *	8,571 *	3,217 *
3							8,795 *	8,327 *	5,101 *	3,217 *	6,521 *	3,217 *
4							8,101 *	8,214 *	5,101 *	3,217 *	5,101 *	3,217 *
5							9,144 *	10,549 *	5,101 *	3,217 *	4,261 *	2,817 *
6							7,990 *	9,026 *	4,928 *	3,217 *	3,500 *	2,817 *
7							6,917 *	8,101 *	4,756 *	3,217 *	3,500 *	2,817 *
8							6,814 *	7,021 *	4,756 *	3,359 *	3,500 *	2,817 *
9							6,118 *	6,611 *	4,756 *	3,795 *	3,500 *	2,817 *
10							12,997 *	6,611 *	4,756 *	3,217 *	3,500 *	2,444 *
11							16,187 *	6,411 *	4,756 *	3,217 *	3,500 *	2,444 *
12							20,451 *	6,021 *	4,756 *	3,217 *	3,500 *	2,444 *
13							11,498 *	6,021 *	4,756 *	3,217 *	3,500 *	2,444 *
14							10,793 *	6,021 *	4,756 *	3,217 *	4,681 *	2,444 *
15							9,508 *	5,459 *	4,756 *	3,217 *	6,061 *	2,444 *
16							9,264 *	5,459 *	4,261 *	3,217 *	5,101 *	2,444 *
17							21,553 *	5,101 *	4,261 *	2,817 *	4,261 *	2,211 *
18							11,035 *	5,101 *	4,261 *	2,817 *	3,795 *	2,211 *
19						4,757 *	8,683 *	5,101 *	4,261 *	2,817 *	3,795 *	2,211 *
20						5,193 *	8,386 *	4,927 *	4,261 *	2,817 *	3,647 *	2,211 *
21						5,832 *	7,021 *	4,927 *	5,658 *	2,817 *	3,500 *	2,211 *
22						7,232 *	9,264 *	4,756 *	4,508 *	2,817 *	3,500 *	2,211 *
23						6,611 *	10,413 *	4,756 *	3,500 *	2,817 *	3,500 *	2,211 *
24						6,611 *	12,122 *	4,756 *	3,500 *	10,879 *	3,500 *	2,211 *
25						7,356 *	9,565 *	4,756 *	3,500 *	6,214 *	3,500 *	2,211 *
26						12,712 *	7,232 *	4,756 *	3,500 *	6,617 *	3,217 *	2,211 *
27						10,508 *	11,294 *	4,756 *	3,500 *	5,101 *	3,217 *	2,211 *
28						10,130 *	10,508 *	5,830 *	3,500 *	5,101 *	3,217 *	2,211 *
29						8,926 *	11,428 *	5,101 *	3,500 *	5,561 *	3,217 *	2,211 *
30						9,305 *	10,130 *	8,101 *	3,500 *	6,521 *	3,217 *	2,211 *
31							9,026 *	7,021 *		7,021 *		2,211 *
Caudal Max.							21,553 *	11,834 *	6,214 *	14,737 *	9,264 *	3,217 *
Día							17	5	21	24	2	vv
Hora							8	17	17	8	17	
Caudal Mín.							6,021 *	4,756 *	3,500 *	2,817 *	3,217 *	2,211 *
Día							9	vv	vv	vv	vv	vv
Hora							17					
Caudal Medio							10,302	6,342	4,454	4,030	4,133	2,491

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

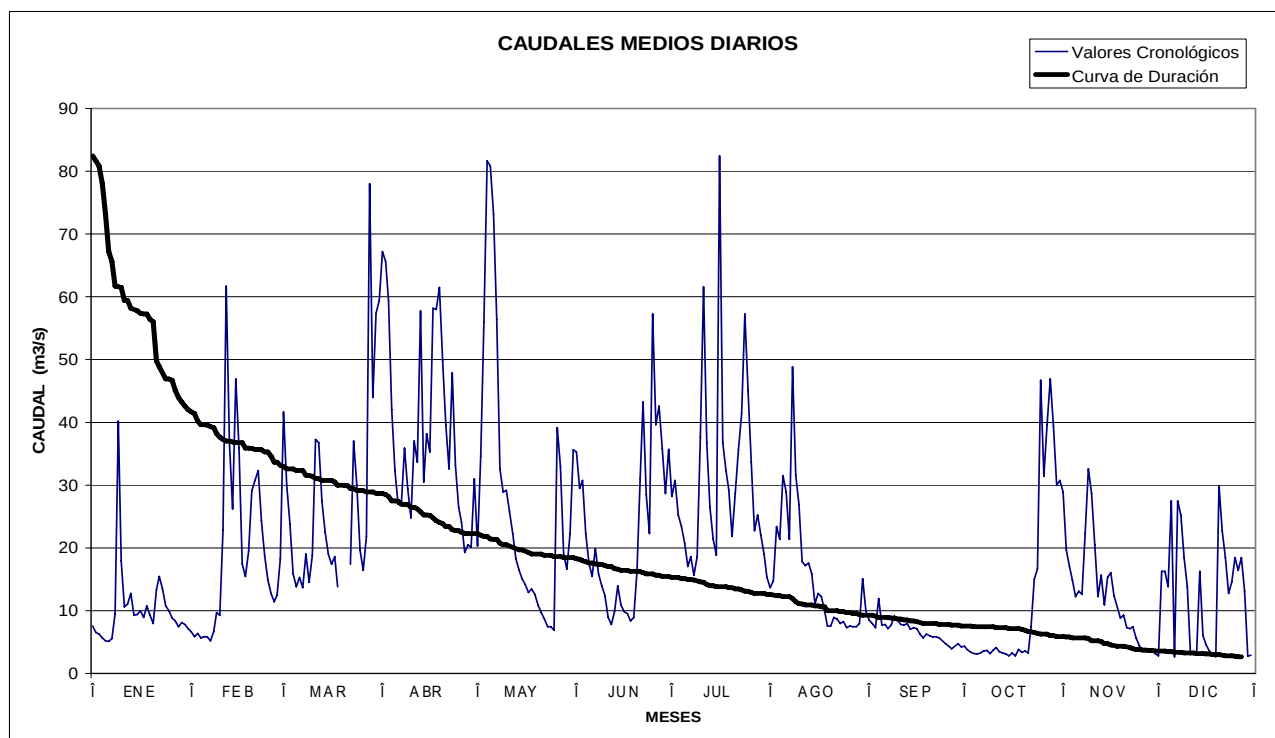


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H895	TOMBAMBA EN MONAY											Area Drenaje:1260 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	7,533 *	6,619 *	18,228 *	59,379 *	30,974 *	35,626 *	35,680 *	15,257 *	9,980 *	4,220 *	30,724 *	3,165 *
2	6,495 *	5,881 *	41,665 *	67,201 *	20,285 *	35,293 *	28,165 *	13,619 *	8,512 *	4,321 *	28,923 *	2,817 *
3	6,247 *	6,368 *	29,968 *	65,610 *	34,604 *	29,441 *	30,724 *	14,699 *	7,939 *	3,722 *	19,668 *	16,252 *
4	5,645 *	5,645 *	23,858 *	59,379 *	56,046 *	30,736 *	25,242 *	23,377 *	7,266 *	3,346 *	16,984 *	16,252 *
5	5,185 *	5,881 *	15,826 *	41,989 *	81,637 *	22,260 *	23,373 *	21,357 *	11,899 *	3,165 *	14,891 *	13,784 *
6	5,075 *	5,764 *	13,794 *	32,304 *	80,791 *	17,581 *	20,707 *	31,505 *	7,670 *	3,078 *	12,234 *	27,467 *
7	5,537 *	5,185 *	15,264 *	26,932 *	73,175 *	15,448 *	16,988 *	28,916 *	7,804 *	3,257 *	13,095 *	2,651 *
8	9,529 *	6,664 *	13,619 *	26,976 *	56,374 *	19,859 *	18,598 *	21,364 *	7,133 *	3,531 *	12,574 *	27,467 *
9	40,174 *	9,685 *	19,011 *	35,876 *	32,577 *	15,826 *	15,640 *	48,809 *	7,666 *	3,628 *	22,311 *	25,210 *
10	17,901 *	9,231 *	14,517 *	29,431 *	28,916 *	13,976 *	18,620 *	31,529 *	9,076 *	3,165 *	32,560 *	18,442 *
11	10,602 *	22,908 *	18,808 *	24,769 *	29,181 *	12,401 *	37,615 *	26,932 *	8,499 *	3,628 *	28,666 *	13,784 *
12	11,077 *	61,678 *	37,228 *	37,004 *	25,718 *	8,938 *	61,593 *	17,785 *	7,804 *	4,116 *	20,488 *	2,989 *
13	12,749 *	36,868 *	36,750 *	33,639 *	22,249 *	7,804 *	36,729 *	17,183 *	7,666 *	3,440 *	12,243 *	3,440 *
14	9,225 *	26,220 *	27,434 *	57,777 *	18,185 *	9,825 *	26,445 *	17,581 *	7,939 *	3,257 *	15,640 *	2,989 *
15	9,371 *	46,914 *	22,470 *	30,459 *	16,400 *	13,976 *	21,374 *	15,826 *	7,005 *	3,078 *	10,920 *	16,252 *
16	9,976 *	35,876 *	19,011 *	38,202 *	15,069 *	10,920 *	18,802 *	11,095 *	7,266 *	2,817 *	15,264 *	6,003 *
17	8,932 *	17,406 *	17,380 *	35,293 *	14,153 *	9,825 *	82,434 *	12,742 *	7,133 *	3,257 *	16,032 *	4,535 *
18	10,757 *	15,443 *	18,598 *	58,178 *	12,913 *	9,522 *	36,729 *	12,230 *	6,247 *	2,817 *	12,407 *	3,531 *
19	9,225 *	19,450 *	13,801 *	57,954 *	13,439 *	8,359 *	32,296 *	9,980 *	5,645 *	3,820 *	10,602 *	2,989 *
20	7,939 *	29,083 *		61,503 *	12,569 *	8,932 *	29,181 *	7,540 *	6,247 *	3,346 *	8,789 *	2,651 *
21	13,262 *	30,724 *		49,810 *	10,920 *	16,185 *	21,804 *	7,533 *	6,003 *	3,531 *	9,225 *	29,935 *
22	15,448 *	32,296 *		39,582 *	9,676 *	31,046 *	28,704 *	8,932 *	5,764 *	3,257 *	7,273 *	22,743 *
23	13,439 *	24,309 *	17,384 *	32,577 *	8,643 *	43,187 *	35,626 *	8,643 *	5,881 *	7,411 *	7,133 *	18,442 *
24	10,757 *	18,808 *	37,022 *	47,877 *	7,397 *	28,462 *	41,409 *	7,939 *	5,645 *	14,937 *	7,402 *	12,740 *
25	9,976 *	14,902 *	29,943 *	33,104 *	7,397 *	22,249 *	57,254 *	8,216 *	5,185 *	16,635 *	5,649 *	14,569 *
26	8,798 *	12,742 *	19,653 *	26,445 *	6,874 *	57,254 *	45,054 *	7,266 *	4,744 *	46,695 *	4,427 *	18,442 *
27	8,359 *	11,402 *	16,400 *	24,072 *	39,133 *	39,610 *	33,655 *	7,533 *	4,321 *	31,368 *	3,820 *	16,398 *
28	7,397 *	12,453 *	21,804 *	19,223 *	32,914 *	42,566 *	22,699 *	7,402 *	3,917 *	39,598 *	3,722 *	18,442 *
29	8,079 *		77,979 *	20,495 *	19,011 *	35,862 *	25,242 *	7,397 *	4,321 *	46,935 *	3,346 *	13,089 *
30	7,804 *		43,937 *	20,067 *	16,597 *	28,675 *	22,023 *	7,939 *	4,744 *	39,295 *	3,531 *	2,735 *
31	7,133 *		57,334 *		22,249 *		19,011 *	15,082 *		29,968 *		2,904 *
Caudal Max.	71,992 *	73,555 *		79,149 *	84,936 *	59,347 *	83,263 *	73,555 *	12,398 *	60,775 *	34,182 *	29,935 *
Día	9	12		14	5	26	17	9	5	29	9	3
Hora	18	8		7	18	7	8	18	8	18	18	18
Caudal Mín.	4,852 *	5,072 *		18,388 *	6,745 *	7,530 *	14,883 *	7,002 *	3,818 *	2,733 *	3,254 *	2,569 *
Día	6	7		28	26	13	9	26	28	16	29	20
Hora	18	18		18	8	18	18	18	18	7	18	18
Caudal Medio	10,310	19,157	26,382	39,770	27,615	22,721	31,271	15,910	6,897	11,246	13,685	12,358

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

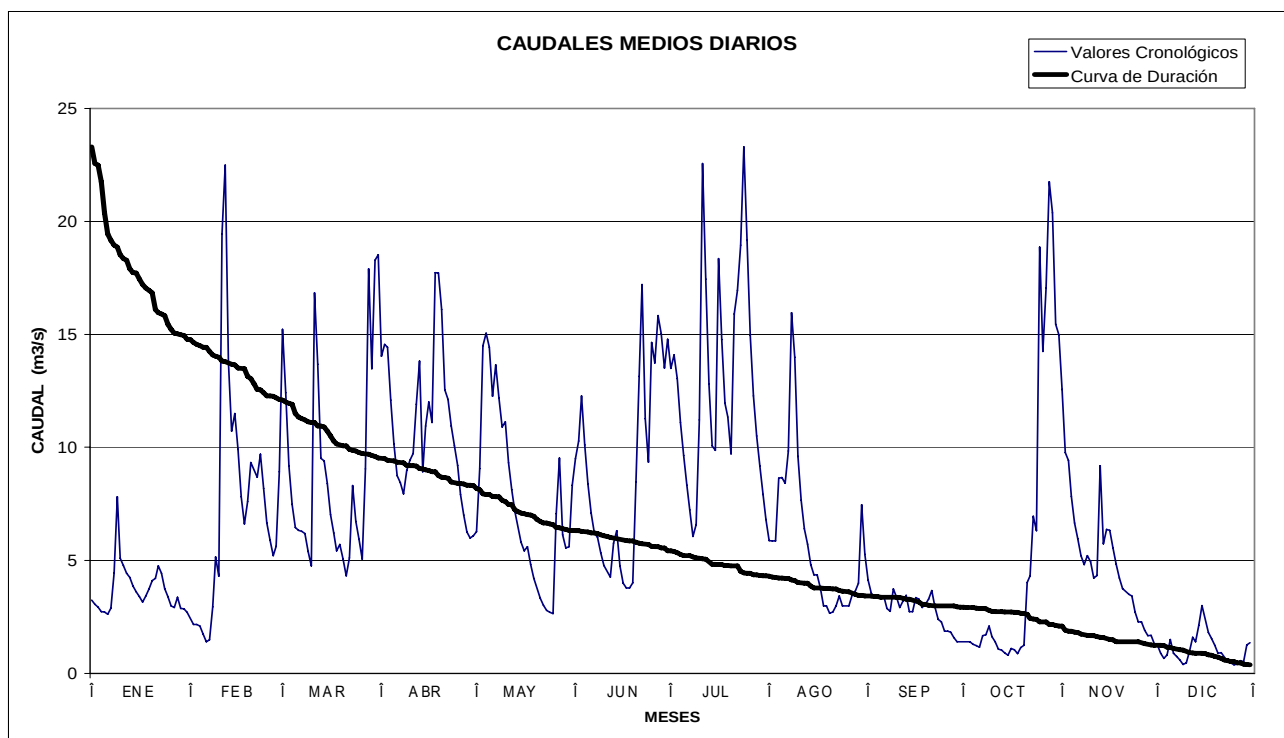


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H896	MATADERO EN SAYAUSI												Area Drenaje:312 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	3,230	2,430	8,929	18,516	6,075	8,324	14,790	6,810	5,268	1,397	14,984	1,313	*
2	3,045	2,162	15,224	14,035	6,276	9,501	13,498	5,875	4,136	1,397	12,558	1,233	*
3	2,928	2,165	12,411	14,555	9,056	10,287	14,098	5,856	3,559	1,397	9,769	0,887	
4	2,728	2,096	9,189	14,425	14,503	12,272	13,040	5,856	3,362	1,397	9,417	0,668	
5	2,717	1,735	7,468	12,084	15,050	10,105	11,110	8,633	3,362	1,277	7,822	0,812	
6	2,606	1,397	6,450	10,150	14,436	8,378	9,643	8,662	3,362	1,222	6,660	1,487	
7	2,887	1,478	6,321	8,755	12,263	7,095	8,323	8,412	3,362	1,154	5,958	0,889	
8	4,437	2,940	6,283	8,434	13,645	6,217	7,235	9,845	2,865	1,664	5,205	0,741	
9	7,814	5,149	6,183	7,947	12,193	6,018	6,051	15,957	2,744	1,707	4,811	0,586	
10	5,101	4,299	5,391	8,982	10,908	5,334	6,587	13,985	3,743	2,084	5,206	0,392	
11	4,771	19,443	4,751	9,433	11,128	4,776	11,216	9,602	3,362	1,623	4,935	0,465	
12	4,431	22,489	16,840	9,732	9,312	4,520	22,560	7,663	2,918	1,405	4,214	0,969	
13	4,245	13,798	13,685	11,911	8,117	4,254	17,450	6,403	3,199	1,078	4,327	1,597	
14	3,864	10,721	9,516	13,822	7,150	5,759	12,816	5,713	3,449	1,035	9,190	1,399	
15	3,606	11,490	9,405	8,928	6,436	6,310	10,075	4,806	2,728	0,898	5,741	2,117	
16	3,395	9,907	8,401	10,939	5,797	4,747	9,868	4,366	2,728	0,802	6,372	2,994	
17	3,151	7,813	7,020	12,002	5,412	3,990	18,356	4,366	3,356	1,092	6,326	2,404	
18	3,419	6,603	6,218	11,104	5,603	3,776	14,768	3,776	3,289	1,042	5,549	1,807	
19	3,735	7,605	5,423	17,729	4,815	3,776	11,948	2,974	2,916	0,867	4,817	1,534	
20	4,096	9,326	5,704	17,721	4,208	4,003	11,333	2,974	3,049	1,139	4,214	1,241	
21	4,202	9,007	5,068	16,098	3,767	8,460	9,714	2,650	3,282	1,232	3,745	0,887	
22	4,752	8,676	4,322	12,552	3,316	13,143	15,899	2,716	3,662	4,015	3,629	0,918	
23	4,420	9,700	5,104	12,113	3,002	17,205	16,949	2,974	2,922	4,310	3,497	0,708	
24	3,750	8,183	8,312	10,944	2,786	11,266	18,957	3,415	2,380	6,956	3,419	0,521	
25	3,400	6,650	6,719	10,063	2,709	9,335	23,292	2,974	2,275	6,310	2,714	0,458	
26	2,977	5,899	5,928	9,197	2,633	14,646	19,160	2,974	1,855	18,857	2,270	0,375	
27	2,912	5,215	5,047	7,909	7,068	13,735	14,951	2,974	1,863	14,248	2,270	0,409	
28	3,367	5,611	9,037	7,009	9,522	15,834	12,285	3,451	1,820	17,046	1,910	0,558	
29	2,869		17,898	6,251	6,136	15,021	10,504	3,635	1,578	21,758	1,663	0,519	
30	2,852		13,478	5,979	5,543	13,504	9,176	3,994	1,397	20,383	1,670	1,264	
31	2,706		18,292		5,605		7,911	7,467		15,449		1,345	
Caudal Max.	25,305	45,876	27,238	29,245	28,433	21,311	27,238	33,918	6,590	46,393	25,686	4,214	
Día	9	11	29	19	4	23	25	9	1	29	1	16	
Hora	16	21	19	21	18	7	19	17	2	21		13	
Caudal Mín.	2,493	1,397	4,065	5,856	2,493	3,100	6,035	2,380	1,397	0,739	1,663	0,333	
Día	7	8	22	30	26	20	10	22	30	14	30	29	
Hora	20	8	9	9	18	11	9	10		23	11	11	
Caudal Medio	3,691	7,285	8,710	11,311	7,563	8,720	13,018	5,863	2,993	5,040	5,495	1,080	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



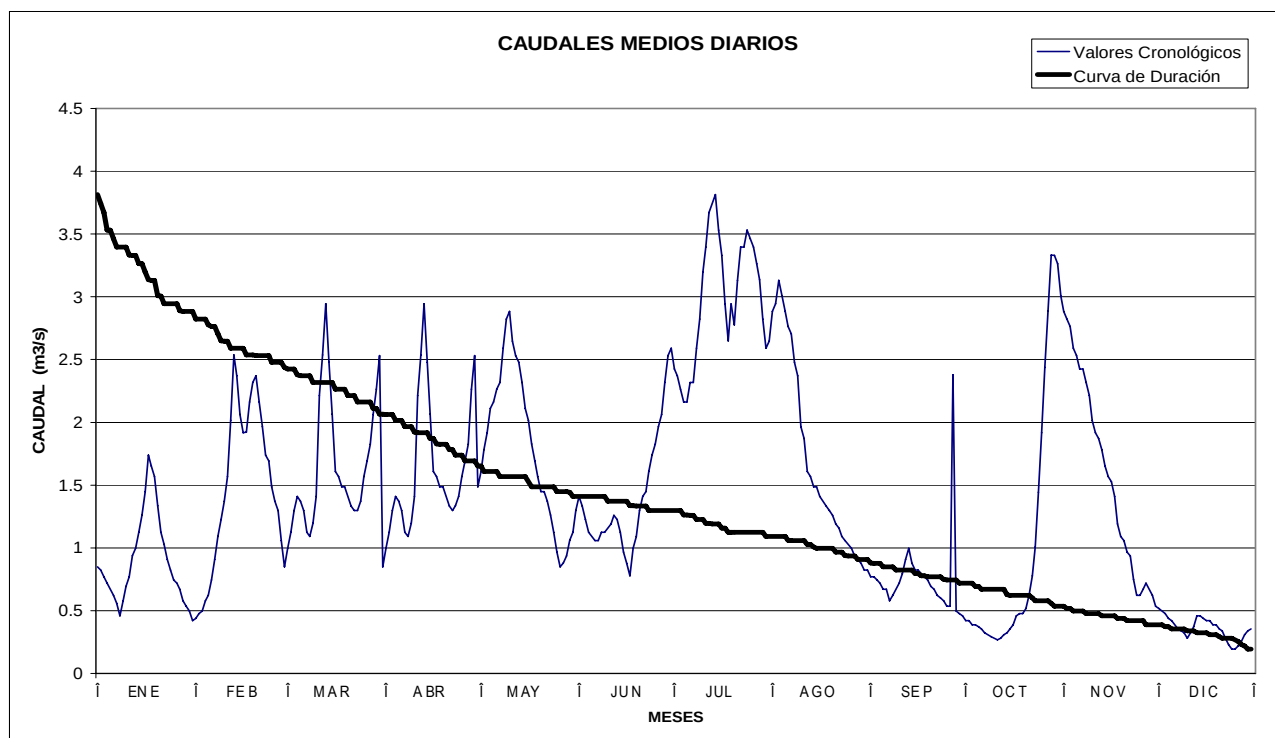
CAUDALES MEDIOS DIARIOS (m3/s)

1998

H897	SURUCUCHO AJ LLULLUCCHAS											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,849 *	0,438 *	0,849 *	0,849 *	1,486 *	1,297 *	2,590 *	2,646 *	0,821 *	0,457 *	3,006 *	0,535 *
2	0,821 *	0,476 *	0,995 *	0,995 *	1,609 *	1,408 *	2,423 *	2,883 *	0,768 *	0,420 *	2,883 *	0,515 *
3	0,768 *	0,495 *	1,124 *	1,124 *	1,782 *	1,333 *	2,370 *	2,944 *	0,768 *	0,420 *	2,823 *	0,495 *
4	0,717 *	0,578 *	1,297 *	1,297 *	1,918 *	1,225 *	2,264 *	3,132 *	0,743 *	0,386 *	2,763 *	0,476 *
5	0,668 *	0,622 *	1,408 *	1,408 *	2,111 *	1,123 *	2,162 *	3,007 *	0,717 *	0,386 *	2,590 *	0,438 *
6	0,622 *	0,743 *	1,371 *	1,371 *	2,162 *	1,090 *	2,162 *	2,883 *	0,668 *	0,370 *	2,533 *	0,420 *
7	0,556 *	0,906 *	1,297 *	1,297 *	2,264 *	1,057 *	2,316 *	2,763 *	0,668 *	0,353 *	2,423 *	0,386 *
8	0,457 *	1,090 *	1,123 *	1,123 *	2,316 *	1,057 *	2,316 *	2,705 *	0,578 *	0,323 *	2,423 *	0,353 *
9	0,579 *	1,225 *	1,090 *	1,090 *	2,590 *	1,123 *	2,590 *	2,478 *	0,622 *	0,308 *	2,316 *	0,338 *
10	0,693 *	1,371 *	1,195 *	1,195 *	2,823 *	1,123 *	2,823 *	2,370 *	0,668 *	0,294 *	2,212 *	0,323 *
11	0,769 *	1,567 *	1,410 *	1,410 *	2,883 *	1,156 *	3,197 *	1,966 *	0,717 *	0,280 *	2,013 *	0,280 *
12	0,936 *	2,015 *	2,212 *	2,212 *	2,646 *	1,190 *	3,396 *	1,872 *	0,795 *	0,266 *	1,918 *	0,323 *
13	0,995 *	2,535 *	2,535 *	2,535 *	2,533 *	1,260 *	3,671 *	1,609 *	0,906 *	0,280 *	1,872 *	0,370 *
14	1,124 *	2,370 *	2,944 *	2,944 *	2,478 *	1,225 *	3,743 *	1,567 *	0,995 *	0,308 *	1,782 *	0,457 *
15	1,262 *	2,062 *	2,478 *	2,478 *	2,316 *	1,123 *	3,814 *	1,486 *	0,877 *	0,323 *	1,651 *	0,457 *
16	1,447 *	2,918 *	2,065 *	2,065 *	2,111 *	0,965 *	3,531 *	1,486 *	0,821 *	0,353 *	1,567 *	0,438 *
17	1,737 *	1,920 *	1,609 *	1,609 *	2,013 *	0,877 *	3,328 *	1,408 *	0,821 *	0,386 *	1,527 *	0,420 *
18	1,651 *	2,162 *	1,567 *	1,567 *	1,828 *	0,778 *	2,944 *	1,371 *	0,795 *	0,457 *	1,410 *	0,420 *
19	1,567 *	2,318 *	1,486 *	1,486 *	1,694 *	0,995 *	2,648 *	1,333 *	0,768 *	0,476 *	1,190 *	0,386 *
20	1,334 *	2,370 *	1,486 *	1,486 *	1,567 *	1,090 *	2,944 *	1,297 *	0,743 *	0,476 *	1,090 *	0,386 *
21	1,123 *	2,162 *	1,408 *	1,408 *	1,447 *	1,297 *	2,777 *	1,260 *	0,693 *	0,515 *	1,057 *	0,353 *
22	1,026 *	1,966 *	1,333 *	1,333 *	1,447 *	1,408 *	3,132 *	1,190 *	0,668 *	0,626 *	0,965 *	0,338 *
23	0,906 *	1,737 *	1,297 *	1,297 *	1,371 *	1,447 *	3,396 *	1,156 *	0,622 *	0,778 *	0,935 *	0,280 *
24	0,821 *	1,694 *	1,297 *	1,334 *	1,262 *	1,609 *	3,395 *	1,090 *	0,600 *	1,006 *	0,749 *	0,229 *
25	0,743 *	1,486 *	1,371 *	1,408 *	1,123 *	1,737 *	3,531 *	1,057 *	0,578 *	1,442 *	0,622 *	0,194 *
26	0,717 *	1,371 *	1,567 *	1,567 *	0,965 *	1,826 *	3,463 *	1,026 *	0,535 *	1,916 *	0,622 *	0,194 *
27	0,668 *	1,297 *	1,694 *	1,694 *	0,849 *	1,966 *	3,395 *	0,995 *	0,535 *	2,437 *	0,670 *	0,217 *
28	0,579 *	1,057 *	1,826 *	1,826 *	0,878 *	2,062 *	3,262 *	0,935 *	2,380 *	2,889 *	0,717 *	0,254 *
29	0,535 *		2,062 *	2,264 *	0,935 *	2,316 *	3,134 *	0,906 *	0,495 *	3,331 *	0,668 *	0,308 *
30	0,495 *		2,264 *	2,533 *	1,059 *	2,533 *	2,823 *	0,877 *	0,476 *	3,328 *	0,622 *	0,338 *
31	0,420 *		2,533 *		1,123 *		2,590 *	0,821 *		3,263 *		0,353 *
Caudal Max.	1,737 *	2,646 *	3,006 *	3,006 *	2,883 *	2,533 *	3,814 *	3,132 *	4,266 *	3,531 *	3,006 *	0,535 *
Día	17	13	14	14	11	30	14	4	28	29	1	1
Hora	7	18	6	6	6	6	18	6	6	18	6	6
Caudal Mín.	0,420 *	0,420 *	0,821 *	0,821 *	0,821 *	0,622 *	2,111 *	0,821 *	0,457 *	0,266 *	0,622 *	0,194 *
Día	31	1	1	1	27	18	6	31	30	12	vv	vv
Hora	18	6	6	6	18	6	6	18	18	6		
Caudal Medio	0,890	1,498	1,619	1,607	1,793	1,357	2,972	1,759	0,761	0,931	1,654	0,364

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

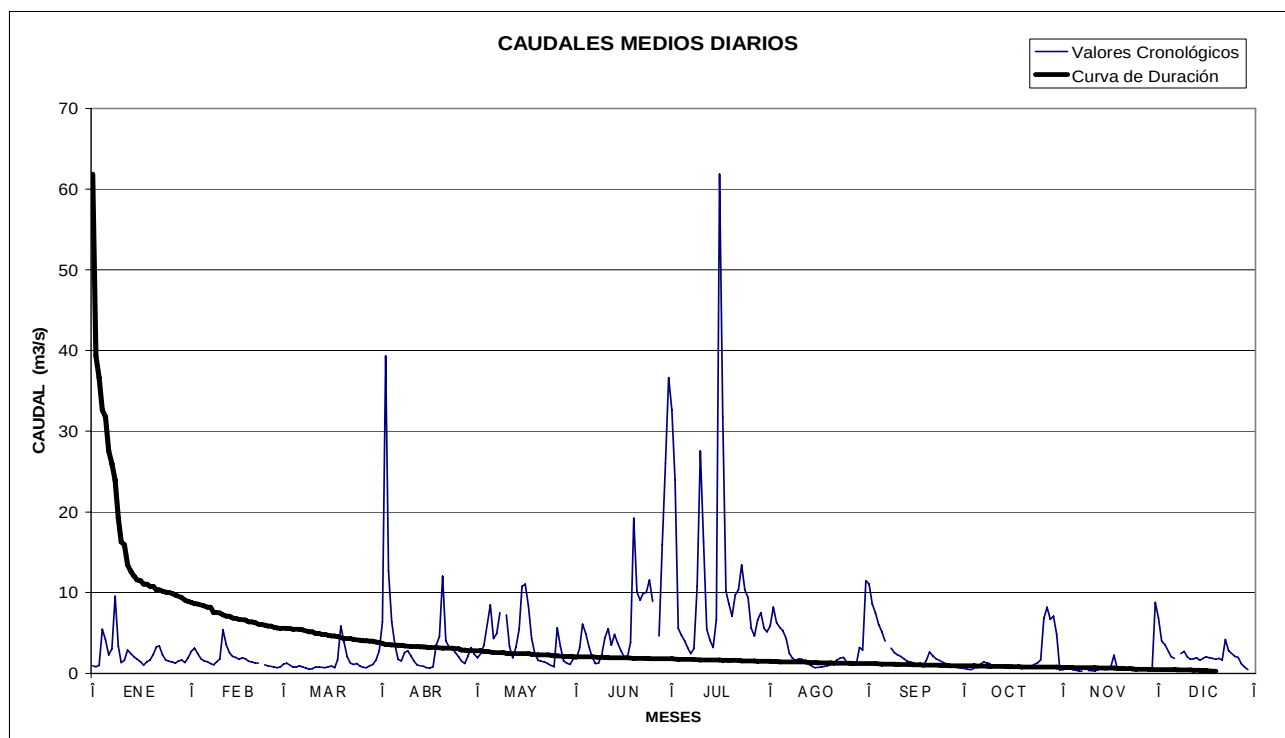


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H899	SAN FRANCISCO EN GUALACEO											Area Drenaje:92 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0,932 *	2,725 *	0,749 *	2,805 *	2,364 *	1,816 *	36,645 *	5,133 *	11,477 *	0,639 *	0,409 *	8,796 *
2	0,814 *	3,119 *	1,150 *	6,377 *	1,901 *	1,780 *	32,628 *	5,863 *	11,073 *	0,576 *	0,436 *	6,842 *
3	0,991 *	2,439 *	1,244 *	39,308 *	2,439 *	3,128 *	23,939 *	8,183 *	8,620 *	0,516 *	0,545 *	4,006 *
4	5,455 *	1,780 *	1,015 *	12,651 *	3,463 *	6,083 *	5,587 *	6,314 *	7,477 *	0,461 *	0,651 *	3,548 *
5	4,143 *	1,550 *	0,778 *	6,348 *	5,994 *	4,927 *	4,707 *	5,706 *	6,060 *	0,609 *	0,461 *	2,805 *
6	2,291 *	1,445 *	0,778 *	3,535 *	8,483 *	3,301 *	4,011 *	5,250 *	5,136 *	0,893 *	0,360 *	2,026 *
7	3,047 *	1,195 *	0,932 *	1,720 *	4,299 *	1,975 *	3,124 *	4,299 *	4,006 *	1,150 *	0,315 *	1,838 *
8	9,531 *	1,058 *	0,778 *	1,550 *	4,927 *	1,195 *	2,431 *	2,468 *		1,391 *	0,274 *	
9	3,363 *	1,391 *	0,674 *	2,550 *	7,495 *	1,244 *	3,062 *	1,838 *	3,119 *	1,291 *		2,439 *
10	1,342 *	1,778 *	0,488 *	2,800 *		2,269 *	10,794 *	1,606 *	2,576 *	1,195 *	0,337 *	2,725 *
11	1,619 *	5,367 *	0,576 *	2,164 *	7,224 *	4,429 *	27,536 *	1,780 *	2,289 *		0,339 *	2,033 *
12	2,880 *	3,556 *	0,778 *	1,501 *	3,317 *	5,553 *	16,298 *	1,720 *	2,089 *	1,015 *	0,274 *	1,720 *
13	2,431 *	2,576 *	0,778 *	1,015 *	1,901 *	3,474 *	5,475 *	1,342 *	1,780 *	0,932 *	0,436 *	1,780 *
14	2,026 *	2,089 *	0,741 *	0,932 *	3,242 *	4,810 *	4,112 *	1,148 *	1,496 *	0,853 *	0,553 *	1,901 *
15	1,720 *	1,961 *	0,706 *	0,853 *	5,475 *	3,726 *	3,204 *	0,893 *	1,391 *	0,741 *	0,436 *	1,606 *
16	1,445 *	1,720 *	0,816 *	0,706 *	10,793 *	2,805 *	6,656 *	0,706 *	1,291 *	0,932 *	0,436 *	1,838 *
17	1,015 *	1,901 *	0,893 *	0,639 *	11,073 *	2,026 *	61,888 *	0,741 *		1,015 *	0,749 *	2,026 *
18	1,395 *	1,780 *	0,706 *	0,816 *	8,343 *	1,901 *	31,737 *	0,778 *	1,195 *	0,853 *	2,250 *	1,901 *
19	1,661 *	1,496 *	1,694 *	3,513 *	4,321 *	3,819 *	10,190 *	0,853 *	0,932 *	0,778 *	0,643 *	1,838 *
20	2,311 *	1,391 *	5,829 *	4,541 *	2,451 *	19,199 *	8,626 *	0,932 *	1,619 *	0,706 *	0,516 *	1,720 *
21	3,286 *	1,291 *	3,849 *	12,035 *	1,606 *	10,048 *	7,084 *	1,058 *	2,648 *	0,672 *	0,516 *	1,838 *
22	3,381 *	1,242 *	2,045 *	4,011 *	1,496 *	9,076 *	9,710 *	1,291 *	2,154 *		0,607 *	1,661 *
23	2,291 *		1,244 *	3,286 *	1,391 *	9,877 *	10,360 *	1,664 *	1,780 *	0,853 *	0,516 *	4,196 *
24	1,661 *	1,058 *	1,103 *	3,119 *	1,195 *	10,023 *	13,409 *	1,898 *	1,606 *	1,103 *	0,409 *	2,800 *
25	1,496 *	0,932 *	1,199 *	2,576 *	0,975 *	11,565 *	10,348 *	1,966 *	1,391 *	1,291 *	0,384 *	2,431 *
26	1,391 *	0,853 *	0,891 *	2,026 *	0,814 *	8,927 *	9,385 *	1,396 *	1,195 *	1,671 *	0,434 *	2,089 *
27	1,242 *	0,778 *	0,741 *	1,552 *	5,609 *		5,587 *	1,150 *	1,015 *	6,783 *	0,409 *	1,961 *
28	1,552 *	0,706 *	0,706 *	1,199 *	3,317 *	4,606 *	4,601 *	1,148 *		8,192 *	0,384 *	1,182 *
29	1,664 *		0,932 *	2,136 *	1,552 *	15,935 *	6,587 *	1,103 *	0,778 *	6,687 *	0,409 *	0,749 *
30	1,342 *		1,103 *	3,204 *	1,242 *	25,977 *	7,527 *	3,204 *	0,706 *	7,075 *	0,409 *	0,461 *
31	1,908 *		1,671 *		1,103 *		5,587 *	2,880 *		4,810 *		
Caudal Max.	11,722 *		6,302 *	50,349 *			63,767 *	8,471 *				
Día	8		20	3			17	3				
Hora	6		6	6			18	6				
Caudal Mín.	0,741 *		0,488 *	0,607 *			2,024 *	0,672 *				
Día	3		10	17			9	16				
Hora	6		18	18			6	18				
Caudal Medio	2,311	1,821	1,212	4,382	3,993	6,396	12,672	2,461	3,218	1,920	0,513	2,509

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

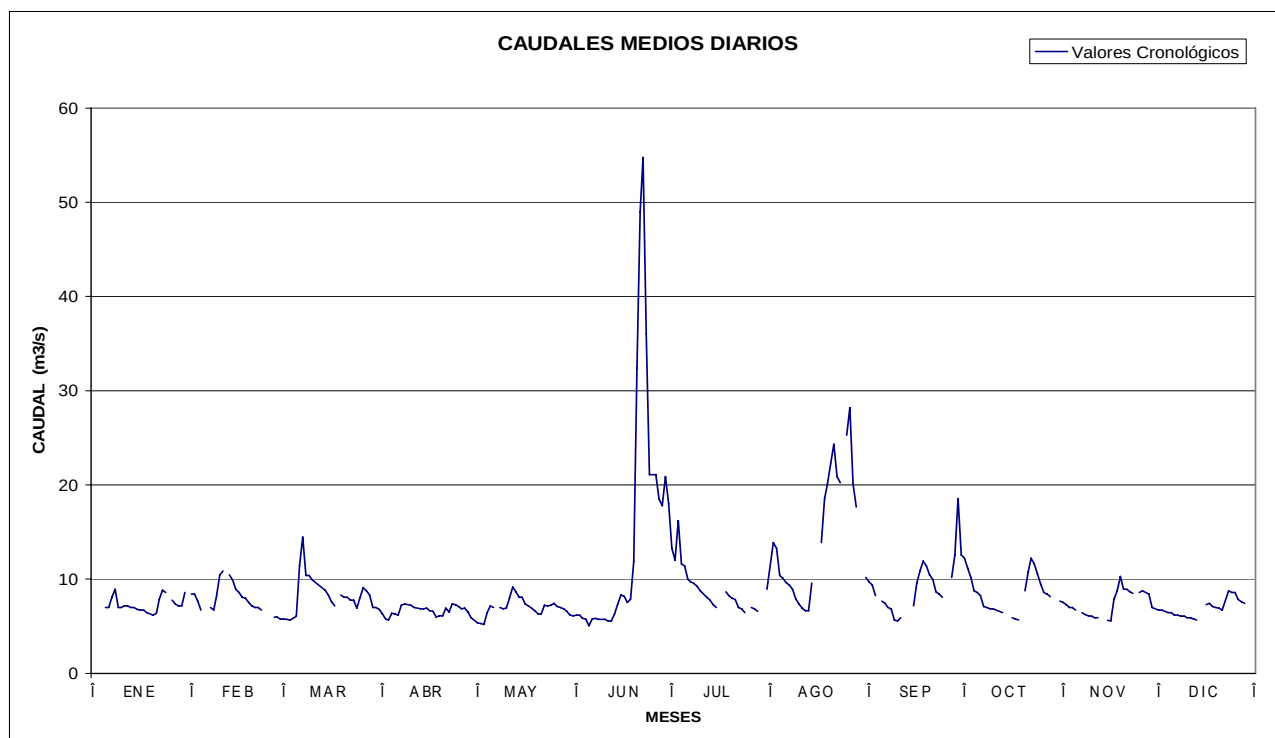


CAUDALES MEDIOS DIARIOS (m3/s)

1998

H929	COLLAY AJ PAUTE											Area Drenaje:253 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	7,145 *	8,395 *	5,785 *	6,785 *	5,599 *	6,105 *	17,975 *	8,904 *	10,177 *	12,558 *	7,674 *	6,856 *
2		8,395 *	5,785 *	6,308 *	5,358 *	6,171 *	13,251 *	11,395 *	9,707 *	12,226 *	7,520 *	6,714 *
3	7,145 *	7,676 *	5,722 *	5,785 *	5,298 *	6,171 *	12,010 *	13,871 *	9,343 *	11,179 *	7,293 *	6,714 *
4		6,724 *	5,660 *	5,660 *	5,183 *	5,848 *	16,183 *	13,251 *	8,235 *	10,177 *	6,999 *	6,575 *
5	6,999 *		5,848 *	6,371 *	6,448 *	5,785 *	11,617 *	10,370 *		8,731 *	6,999 *	6,438 *
6	6,999 *		6,040 *	6,303 *	7,145 *	5,067 *	11,395 *	10,082 *	7,674 *	8,561 *	6,714 *	6,438 *
7	8,069 *	6,999 *	11,395 *	6,171 *	6,999 *	5,785 *	9,988 *	9,615 *	7,444 *	8,235 *		6,171 *
8	8,904 *	6,716 *	14,453 *	7,219 *		5,848 *	9,707 *	9,343 *	6,999 *	7,072 *	6,438 *	6,171 *
9	6,999 *	8,235 *	10,369 *	7,368 *	6,999 *	5,722 *	9,524 *	8,908 *	6,856 *	6,999 *	6,237 *	6,040 *
10	6,999 *	10,467 *	10,369 *	7,293 *	6,856 *	5,722 *	9,254 *	7,908 *	5,660 *	6,856 *	6,105 *	6,040 *
11	7,145 *	10,862 *	9,893 *	7,219 *	6,928 *	5,722 *	8,731 *	7,375 *	5,538 *	6,856 *	6,040 *	5,911 *
12	7,145 *		9,615 *	6,999 *	8,003 *	5,538 *	8,396 *	6,928 *	5,911 *	6,714 *	5,911 *	5,911 *
13	6,999 *	10,467 *	9,343 *	6,928 *	9,165 *	5,538 *	8,069 *	6,647 *		6,575 *	5,911 *	5,785 *
14	6,999 *	9,896 *	9,077 *	6,856 *	8,646 *	6,308 *	7,752 *	6,647 *	6,999 *	6,438 *		5,660 *
15	6,785 *	8,904 *	8,817 *	6,856 *	8,068 *	7,371 *	7,293 *	9,550 *				
16	6,714 *	8,561 *	8,315 *	6,928 *	8,068 *	8,320 *	6,999 *		7,145 *		5,599 *	
17	6,716 *	8,068 *	7,597 *	6,645 *	7,368 *	8,163 *			9,550 *	5,911 *	5,538 *	7,294 *
18	6,438 *	7,988 *	7,145 *	6,575 *	7,145 *	7,527 *		13,871 *	10,862 *	5,785 *	7,853 *	7,444 *
19	6,303 *	7,520 *		5,976 *	6,928 *	7,853 *	8,646 *	18,546 *	11,904 *	5,660 *	8,731 *	7,072 *
20	6,171 *	7,145 *	8,315 *	6,105 *	6,647 *	11,864 *	8,231 *	20,085 *	11,378 *		10,273 *	6,999 *
21	6,373 *	6,999 *	8,068 *	6,105 *	6,303 *	32,362 *	7,988 *	22,244 *	10,467 *	8,731 *	8,904 *	6,928 *
22	7,853 *	6,999 *	8,068 *	6,928 *	6,303 *	48,996 *	7,830 *	24,335 *	9,988 *	10,763 *	8,904 *	6,714 *
23	8,817 *	6,716 *	7,751 *	6,509 *	7,219 *	54,770 *	6,999 *	20,877 *	8,646 *	12,226 *	8,646 *	7,723 *
24	8,561 *		7,751 *	7,368 *	7,145 *	36,059 *	6,856 *	20,232 *	8,395 *	11,617 *	8,478 *	8,731 *
25			6,928 *	7,293 *	7,219 *	21,067 *	6,438 *		8,068 *	10,564 *		8,561 *
26	7,752 *		8,038 *	7,072 *	7,444 *	21,067 *		25,275 *		9,454 *	8,561 *	8,561 *
27	7,368 *	5,976 *	9,082 *	6,856 *	7,072 *	21,067 *	6,999 *	28,201 *		8,561 *	8,731 *	7,830 *
28	7,145 *	5,976 *	8,731 *	6,928 *	6,999 *	18,502 *	6,856 *	20,085 *	10,177 *	8,395 *	8,561 *	7,596 *
29	7,145 *		8,320 *	6,507 *	6,856 *	17,800 *	6,576 *	17,656 *	12,558 *	8,149 *	8,395 *	7,444 *
30	8,561 *		6,999 *	5,911 *	6,576 *	20,877 *			18,546 *		6,999 *	
31			6,999 *		6,171 *							6,999 *
Caudal Max.				7,444 *		54,770 *						
Día				9		23						
Hora				7		17						
Caudal Mín.				5,660 *		5,067 *						
Día				4		6						
Hora				7		7						
Caudal Medio	7,269	7,986	8,209	6,661	6,939	14,166	9,291	14,315	9,129	8,654	7,462	6,904

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

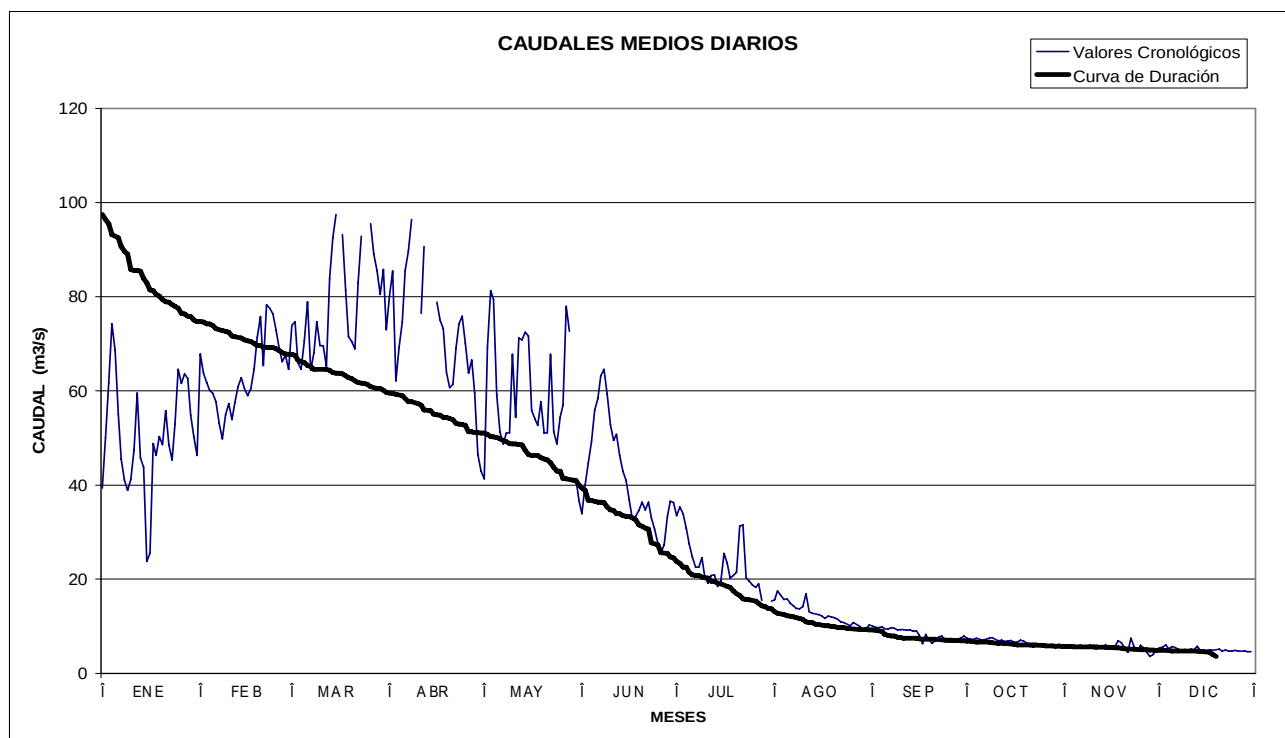


CAUDALES MEDIOS DIARIOS (m3/s)

1998

HA2D		PORTOVIEJO EN PICOAZA											
DIA		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		39,293 *	67,879 *	64,578 *	72,976 *	42,987 *	36,683 *	36,277 *	15,331 *	10,268 *	7,894 *	5,959 *	4,921 *
2		50,127 *	63,778 *	73,900 *	80,158 *	41,295 *	33,885 *	33,455 *	15,605 *	10,085 *	7,495 *	5,642 *	5,433 *
3		61,653 *	61,801 *	74,732 *	85,470 *	69,300 *	39,983 *	35,317 *	17,483 *	9,780 *	7,270 *	6,065 *	5,541 *
4		74,212 *	60,131 *	65,975 *	62,098 *	81,317 *	44,693 *	33,875 *	16,573 *	9,659 *	7,158 *	5,800 *	6,012 *
5		68,593 *	59,449 *	64,578 *	69,300 *	79,422 *	49,184 *	30,802 *	15,673 *	9,902 *	7,439 *	5,537 *	5,226 *
6		55,022 *	57,703 *	70,624 *	74,621 *	59,156 *	55,968 *	27,490 *	15,812 *	9,479 *	7,214 *	5,642 *	5,694 *
7		45,517 *	53,118 *	78,900 *	85,589 *	51,330 *	58,385 *	24,744 *	14,855 *	9,359 *	7,047 *	6,065 *	5,485 *
8		41,030 *	49,829 *	64,372 *	89,685 *	48,719 *	63,182 *	22,527 *	14,317 *	9,659 *	7,270 *	5,537 *	5,124 *
9		38,834 *	54,923 *	68,119 *	96,368 *	51,050 *	64,572 *	22,534 *	13,784 *	9,539 *	7,440 *	5,591 *	4,719 *
10		41,206 *	57,298 *	74,729 *		51,077 *	59,260 *	24,514 *	13,717 *	9,239 *	7,552 *	6,065 *	5,073 *
11		47,343 *	53,924 *	69,600 *		67,735 *	52,833 *	20,441 *	14,183 *	9,299 *	7,270 *	5,642 *	4,870 *
12		59,547 *	57,509 *	69,616 *	76,492 *	54,347 *	49,456 *	19,126 *	16,892 *	9,299 *	6,936 *	5,959 *	5,124 *
13		45,780 *	60,876 *	65,153 *	90,671 *	71,233 *	50,762 *	20,808 *	13,125 *	9,120 *	7,047 *	5,853 *	5,022 *
14		43,791 *	62,781 *	83,871 *		70,823 *	46,239 *	20,888 *	12,798 *	9,239 *	6,770 *	5,747 *	5,751 *
15		23,742 *	60,494 *	92,516 *		72,458 *	42,985 *	18,482 *	12,605 *	8,942 *	6,825 *	6,065 *	4,870 *
16		25,520 *	59,006 *	97,472 *		71,639 *	40,940 *	19,562 *	12,474 *	9,060 *	6,991 *	5,642 *	4,719 *
17		48,762 *	60,512 *		78,893 *	55,875 *	36,768 *	25,430 *	12,216 *	8,071 *	6,660 *	5,330 *	4,820 *
18		46,237 *	64,578 *	93,185 *	75,042 *	54,064 *	32,620 *	23,362 *	11,708 *	6,280 *	6,606 *	5,695 *	5,022 *
19		50,297 *	71,334 *	81,425 *	73,208 *	52,645 *	33,370 *	20,220 *	12,152 *	8,243 *	7,047 *	6,936 *	4,870 *
20		48,558 *	75,763 *	71,522 *	63,877 *	57,703 *	34,547 *	20,810 *	12,024 *	7,105 *	6,826 *	6,497 *	5,022 *
21		55,796 *	65,384 *	70,518 *	60,718 *	51,050 *	36,330 *	21,432 *	11,769 *	6,334 *	6,442 *	5,485 *	5,124 *
22		48,537 *	78,281 *	68,915 *	61,408 *	51,077 *	34,713 *	31,278 *	11,452 *	6,992 *	6,226 *	4,474 *	4,769 *
23		45,327 *	77,552 *	82,914 *	69,198 *	67,735 *	36,340 *	31,543 *	10,949 *	7,666 *	6,334 *	7,501 *	4,921 *
24		52,930 *	76,328 *	92,848 *	74,210 *	51,330 *	33,033 *	20,295 *	10,763 *	7,952 *	6,334 *	5,592 *	4,769 *
25		64,572 *	72,797 *		75,870 *	48,719 *	30,637 *	19,562 *	10,453 *	7,270 *	5,853 *	4,719 *	4,769 *
26		61,602 *	69,194 *		70,108 *	54,347 *	27,729 *	18,766 *	10,146 *	6,662 *	5,695 *	5,959 *	4,820 *
27		63,627 *	66,168 *	95,481 *	63,777 *	56,929 *	25,597 *	18,266 *	10,764 *	6,606 *	5,537 *	5,433 *	4,769 *
28		62,595 *	67,575 *	89,033 *	66,529 *	77,952 *	27,338 *	19,021 *	10,391 *	6,663 *	5,959 *	4,483 *	4,719 *
29		54,829 *		85,599 *	59,662 *	72,670 *	33,289 *	15,467 *	9,963 *	7,327 *	5,642 *	3,565 *	4,719 *
30		50,202 *		80,475 *	46,512 *		36,587 *		9,299 *	7,439 *	5,747 *	3,940 *	4,619 *
31		46,239 *		85,780 *		41,407 *			9,419 *		6,119 *		4,620 *
Caudal Max.		75,761 *	85,685 *				65,568 *		20,660 *	10,330 *	8,066 *	8,066 *	6,172 *
Día		4	24				9		12	1	1	23	4
Hora		17	17				7		7	17	7	17	7
Caudal Mín.		23,666 *	47,333 *				25,519 *		9,120 *	6,172 *	5,433 *	3,194 *	4,520 *
Día		15	17				27		30	18	27	29	31
Hora		7	17				7		7	17	17	17	17
Caudal Medio		50,365	63,784	77,730	72,898	59,246	41,597	24,010	12,861	8,418	6,730	5,614	5,030

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



REGISTRO DE AFOROS DE SEDIMENTOS EN SUSPENSIÓN

AÑO 1998

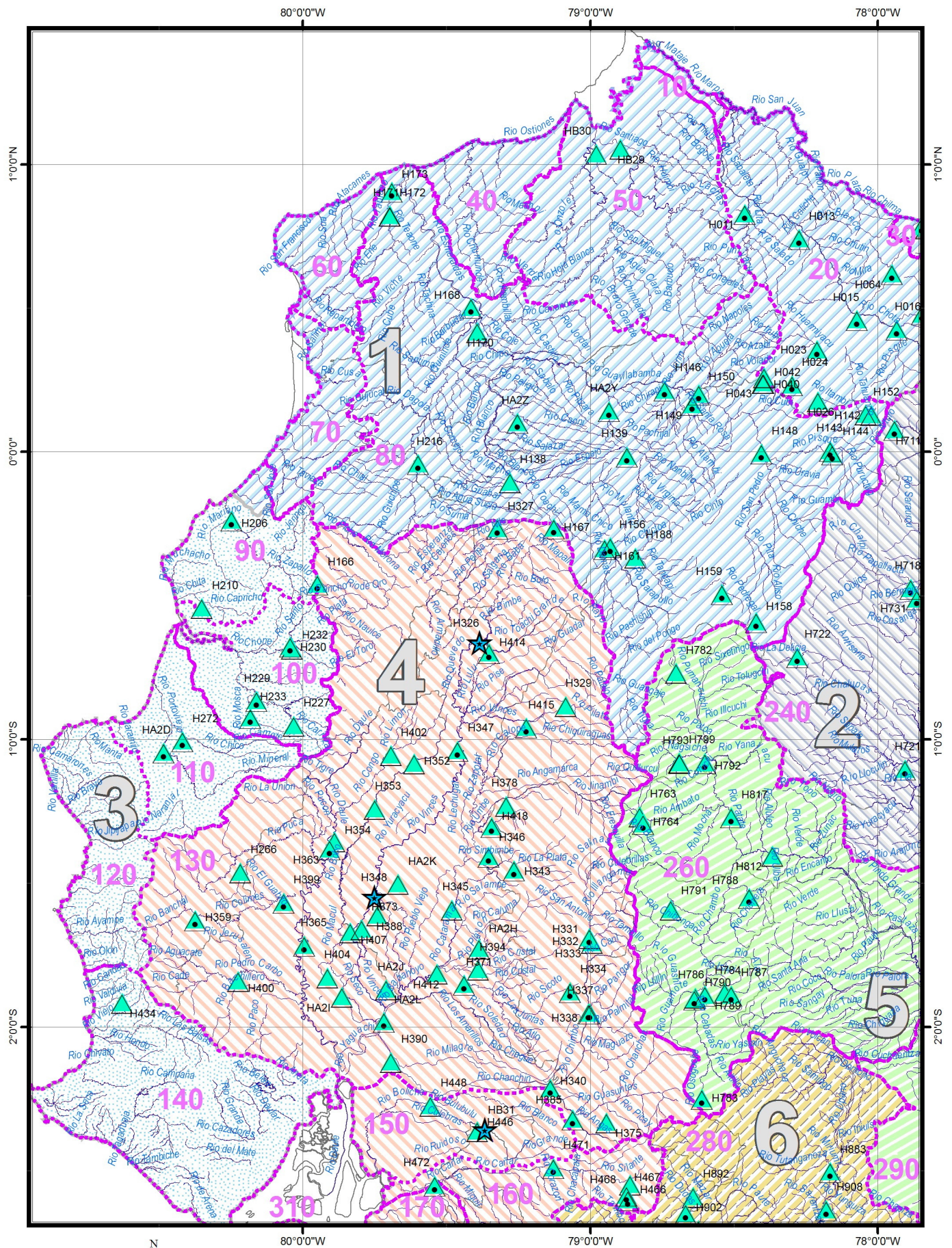
CUENCA	CÓDIGO ESTAC.	ESTACIÓN	FECHA	LECTURA LIMNIMET. (m)	CAUDAL (m ³ /s)	SEDIMENTOS	
						CONC.M. (Kg/m ³)	GAS.SOL. (Kg/s)
MIRA	H-015	Chota En Pte. Carretera	98-09-08	0,54	14,817	0,1198	1,7751
	H-011	Mira En Lita	98-09-11	1,00	46,177	0,0392	1,8101
GUAYAS	H-375	Chanchán en Hda. Huataxí	98-06-15	0,71	6,803	0,9277	6,3111
	H-338	Chimbo D.J. Pangor	98-12-27	0,40	7,127	0,033	0,2352
CAÑAR	HZK3	Cañar en Pte. San Antonio	98-08-20	0,00	1,719	0,0116	0,0199
	H-Zk2	Corazón	98-08-20	0,00	8,546	0,0546	0,4666
PASTAZA	H-787	Alao En Hda. Alao	98-06-10	0,89	5,063	0,0108	0,0547
	H-792	Cutuchi A.J. Yanayacu	98-12-14	0,47	3,501	0,9898	3,4653
	H-826	Chambo en Hda. Cahuají	98-06-09	0,10	65,961	1,1444	75,4858
	H-800	Pastaza en Baños	98-12-23	0,10	39,204	0,0716	2,8070
SANTIAGO	H-896	Matadero en Sayausí	98-06-29	1,26	18,221	0,0156	0,2842
	H-984	Paute D.J. Gualaceo	98-06-21	2,50	144,201	0,0062	0,8940
	H-896	Tomebamba en Monay	98-06-24	0,87	30,363	0,1030	3,1274

REGISTRO DE ANÁLISIS FÍSICO-QUÍMICO
INFORMACIÓN RED HIDROQUÍMICA SUPERFICIAL DEL AÑO 1998

ESTACION	CÓDIGO ESTAC.	CÓDIGO PROV.	CLASE	FECHA	PARÁMETROS DE CAMPO	PARÁMETROS DE LABORATORIO																	ÍNDICES										
						A N I O N E S																			C A T I O N E S								
						T. °C	CE µ/cm	pH	Turb. FAU	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	Na+ mg/l	K+ mg/l	Ca++ mg/l			Mg++ mg/l	Mn++ mg/l	NH4+ mg/l	Fe(T) mg/l	Cu++ mg/l	Cr+6 mg/l	SAR
CUENCA DEL RIO MIRA																																	
Mira en Lita	H-011	20	RIO	11/09/1998		360		7.70	1.0	16.0	32.0	10.0	180.0	32.0	0.0	38.0	3.00	1.60	0.029	0.49	0.70	26.57	1.77	0.80	1.92	0.00	0.09	0.03	0.030	0.000	3.65	0.32	
CUENCA DEL RIO GUAYAS																																	
Chanchán D.J. Huataxi	H-375	16	RIO	15/06/1998		350		7.35	32.0	88.0	50.0	35.0	170.0	50.0	0.0	13.0	7.50	3.08	0.030	0.45	1.10	11.79	3.48	14.00	0.00	0.30	0.31	0.48	0.000	0.000	0.87	0.12	
Chimbo en Bucay	H-340	23	RIO	28/12/1998		320		7.00	1.0	20.0	114.0	68.0	160.0	114.0	0.0	32.0	4.50	5.30	0.017	0.88	0.51	28.84	1.89	20.80	3.84	0.10	0.02	0.03	0.010	0.020	1.52	0.51	
CUENCA DEL RIO PASTAZA																																	
Alao en Hda. Alao	H-787	16	RIO	10/06/1998		155		7.32	1	3	45	15	77	45	0.0	0.0	5.00	3.52	0.0264	0.70	1.20	12.44	1.47	4.00	1.20	0.10	0.08	0.07	0.01	0.000	1.40	0.44	
Chambo en Hda. Cahualji	H-826	14	RIO	07/06/1998		270		7.48	10	162	55	20	135	55	0.0	31.0	7.50	2.64	0.0759	0.28		29.6	2.8	4.00	2.40	0.30	0.02	0.37	0.07	0.01	2.88	0.50	
Pastaza en Baños	H-800	14	RIO	23/12/1998		600		7.8	19	18	228	111	300	228	0.0	110.0	4.50	8.70	0.026	0.07	1.04	88.05	4.20	22.40	13.20	0.20	0.34	0.05	0.01	0.000	3.63	1.52	
CUENCA DEL RIO SANTIAGO																																	
Matadero en Sayausi	H-896	18	RIO	29/06/1998		87		7.33	0.0	18.0	10.0	15.0	43.0	10.0	0.0	1.0	5.00	6.16	0.347	0.07		0.05	0.92	2.00	2.40	0.00	0.15	0.08	0.010	0.010	0.01	-0.14	
Puate en Paute	H-894	18	RIO	21/06/1998		87		7.02	0.0	598.0	10.0	10.0	44.0	10.0	0.0	0.0	5.00	0.88	0.033	0.02	0.50	1.62	1.34	2.00	1.20	0.20	0.70	0.13	0.060	0.010	0.22	-0.04	
Tomebamba en Moray	H-895	33	RIO	24/06/1998		78		6.95	0.0	85.0	10.0	15.0	39.0	10.0	0.0	0.0	7.50	4.40	0.030	0.06	0.48	0.97	1.28	2.00	2.40	0.30	1.21	0.15	0.030	0.000	0.11	-0.14	

ANEXOS

Mapas e Inventarios



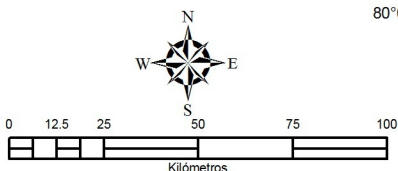
SIMBOLOGÍA

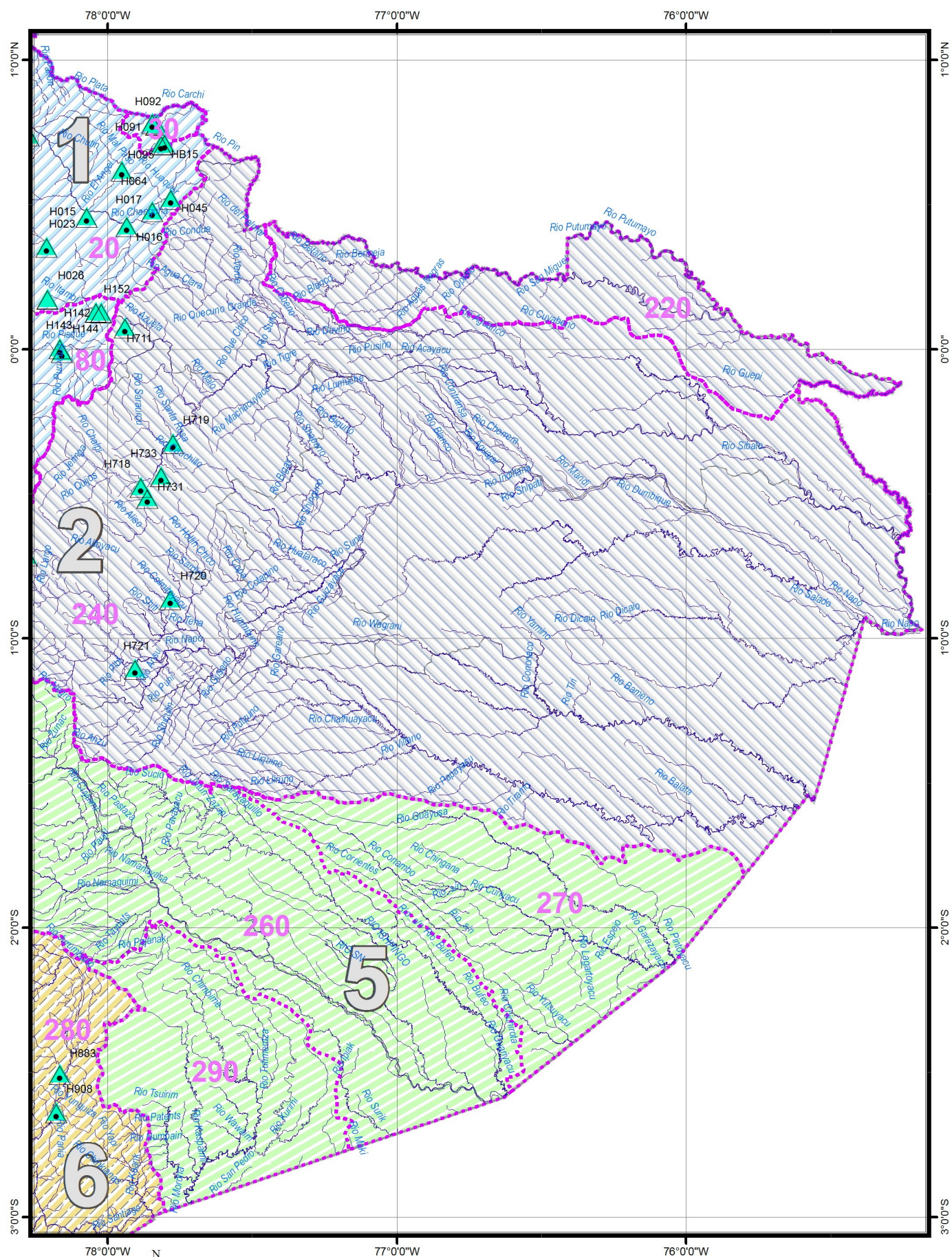
ESTACIONES HIDROLÓGICAS ZONAS HIDROLÓGICAS

- ★ Automática Satelital
- ▲ Limnigráfica
- ▲ Limnimétrica

- 1 Esmeraldas
- 2 Napo
- 3 Chone

- 4 Guayas
- 5 Pastaza
- 6 Santiago
- 7 Catamayo
- Cuencas Hidrográficas



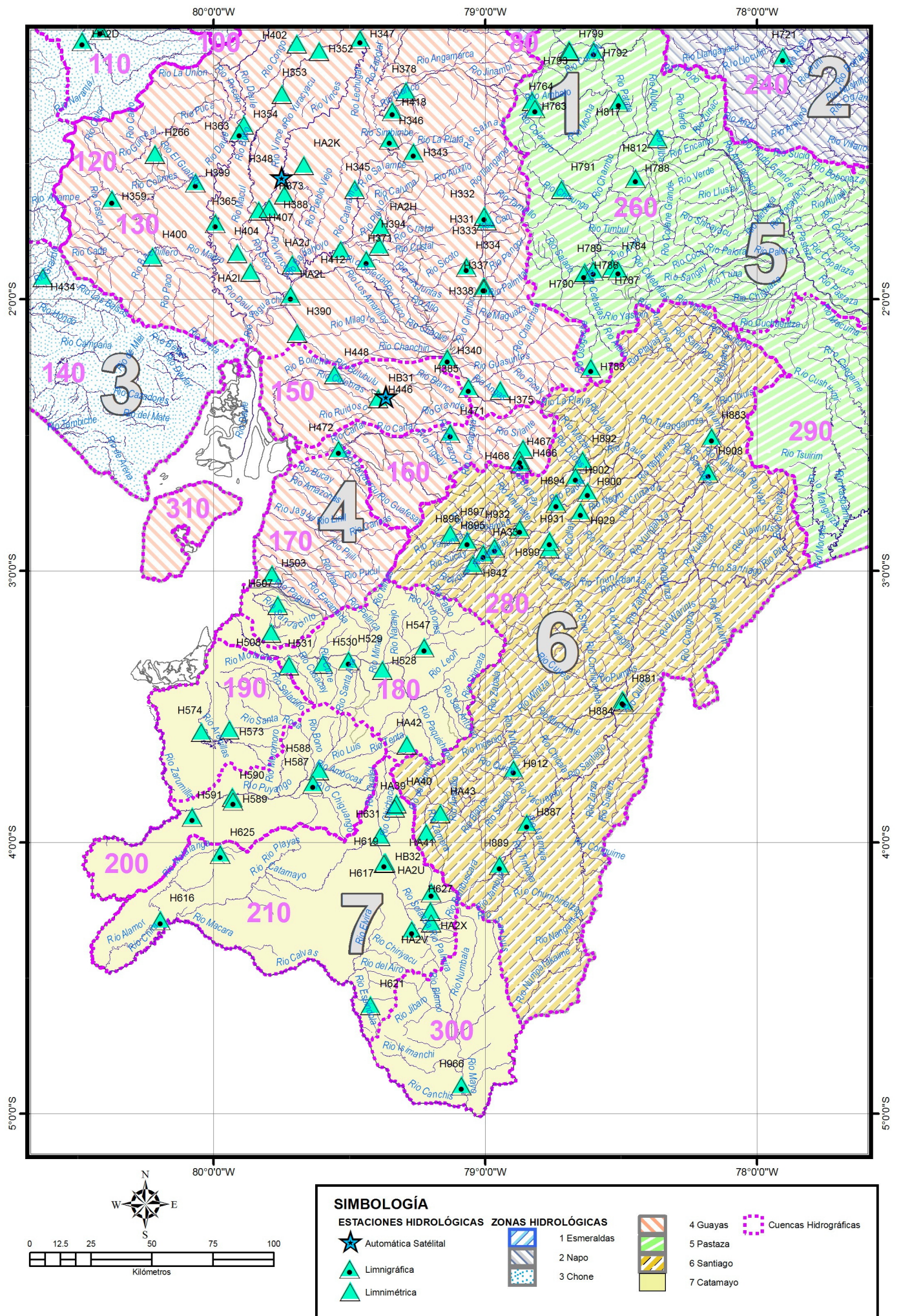
**SIMBOLOGÍA****ESTACIONES HIDROLÓGICAS ZONAS HIDROLÓGICAS**

- Automática Satelital
- Limnigráfica
- Limnimétrica

- 1 Esmeraldas
- 2 Napo
- 3 Chone

- 4 Guayas
- 5 Pastaza
- 6 Santiago
- 7 Catamayo

Cuencas Hidrográficas



INVENTARIO DE ESTACIONES HIDROLÓGICAS SUPERFICIALES

CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO			
				GG	MM	SS	GG	MM	SS								
CUENCA DEL RÍO MIRA																	
HA01	AC.PIQUER	LM	20	0 °	39 ´	0 ´´	N	77 °	58 ´	0 ´´	W	3100	4	INERHI	11/1/1985		
HA03	AC.PUCHUES	LM	20	0 °	39 ´	0 ´´	N	77 °	57 ´	0 ´´	W	3010	4	INERHI			
HA02	AC.PUEBLO VIEJO	LM	20	0 °	39 ´	0 ´´	N	77 °	58 ´	0 ´´	W	3060	4	INERHI			
HA07	AC.PUERMAL	LM	20	0 °	40 ´	0 ´´	N	77 °	57 ´	0 ´´	W	3050	4	INERHI			
HA04	AC.PUERMAL BT COL.	LM	20	0 °	39 ´	0 ´´	N	77 °	57 ´	0 ´´	W	3025	4	INERHI			
HA06	AC.PUERMAL CANAL PRINCIPAL	LM	20	0 °	39 ´	0 ´´	N	77 °	57 ´	0 ´´	W	3025	4	INERHI	8/1/1963		
HA05	AC.PUERMAL DESFOGUE	LM	20	0 °	39 ´	0 ´´	N	77 °	57 ´	0 ´´	W	3025	4	INERHI			
H023	AMBI DJ CARIYACU	LG	20	0 °	22 ´	33 ´´	N	78 °	12 ´	42 ´´	W	2015	10	INAMHI			
H060	AMBI EN PLTA.ELEC.AMBI	LM	20	°	´	´´		°	´	´´			10	INAMHI			
H047	APAQUI A GRUTA LA PAZ #1	LG	20	°	´	´´		°	´	´´			4	INAMHI			9/1/1963
H048	APAQUI A GRUTA LA PAZ #2	LM	20	°	´	´´		°	´	´´			4	INAMHI	9/1/1963	9/1/1963	
H016	APAQUI AJ CHOTA	LG	20	0 °	26 ´	51 ´´	N	77 °	56 ´	5 ´´	W	1715	4	INAMHI	5/6/1980	10/1/1972	
H017	APAQUI D GRUTA LA PAZ #3	LG	20	0 °	30 ´	2 ´´	N	77 °	50 ´	46 ´´	W	2365	4	INAMHI	1/2/1972		
H010	APAQUI DJ CUASMAL(CHAMIZO)	LM	20	0 °	32 ´	53 ´´	N	77 °	46 ´	26 ´´	W	2750	4	INAMHI	6/1/1975		
H045	APAQUI DJ MINAS	LG	20	0 °	32 ´	32 ´´	N	77 °	46 ´	55 ´´	W	2650	4	INAMHI	8/1/1963		
H049	APAQUI EN C.DE MAQUINAS	LM	20	0 °	27 ´	51 ´´	N	77 °	55 ´	0 ´´	W	1800	4	INAMHI	10/1/1972		
H019	ATAL AJ APAQUI	LM	20	0 °	31 ´	47 ´´	N	77 °	47 ´	46 ´´	W	2790	4	INAMHI	10/12/1972	12/1/1963	
H061	BLANCO AJ AMBI	LM	20	°	´	´´		°	´	´´			10	INAMHI			
H013	BLANCO AJ MIRA	LG	20	0 °	45 ´	42 ´´	N	78 °	16 ´	28 ´´	W	890	4	INAMHI	10/1/1978		
H024	BLANCO EN PTE.CARRETERA	LG	20	0 °	15 ´	14 ´´	N	78 °	17 ´	57 ´´	W		10	INAMHI	10/1/1982		
H063	BOBO DEL ANGEL AJ CARIYACU	LM	20	0 °	38 ´	41 ´´	N	77 °	56 ´	19 ´´	W	3125	4	INAMHI	3/3/1982		
H054	CANAL BOLANOS	LM	20	°	´	´´		°	´	´´			10	INAMHI	6/1/1963	6/1/1963	
H030	CANAL MOLINO(R.PEGUCHE)	LM	20	0 °	13 ´	53 ´´	N	78 °	13 ´	55 ´´	W	2660	10	INAMHI	12/1/1963	12/1/1963	
H046	CANAL MONTUFAR	LM	20	°	´	´´		°	´	´´			4	INAMHI	6/1/1983		
H029	CANAL SAN ROQUE(R.PEGUCHE)	LM	20	0 °	13 ´	53 ´´	N	78 °	13 ´	55 ´´	W	2660	10	INAMHI	6/1/1963		
H031	CANAL VICTORIA(R.JATUNYACU)	LM	20	0 °	15 ´	10 ´´	N	78 °	15 ´	55 ´´	W	2470	10	INAMHI	12/1/1964		
H062	CARIYACU AJ MALPASO	LM	20	0 °	39 ´	41 ´´	N	77 °	57 ´	1 ´´	W	2975	4	INAMHI	3/1/1982		
HB15	CHALPATAN	LG	20	0 °	43 ´	46 ´´	N	77 °	48 ´	59 ´´	W	3268	0	INAMHI	11/1/1980		
H071	CHAMACHAN	LG	20	0 °	18 ´	19 ´´	N	77 °	58 ´	23 ´´	W	2900	10	INERHI			
H015	CHOTA EN PTE.CARRETERA	LG	20	0 °	28 ´	48 ´´	N	78 °	4 ´	25 ´´	W	1515	4	INAMHI			12/2/1975
H006	COLORADO	LM	20	0 °	42 ´	0 ´´	N	77 °	58 ´	0 ´´	W	3300	4	INERHI			8/1/1982
H069	CORDOVA 1	LM	20	0 °	22 ´	0 ´´	N	77 °	51 ´	21 ´´	W	2150	10	INERHI			11/1/1983
H068	CORDOVA 2	LM	20	0 °	23 ´	7 ´´	N	77 °	51 ´	50 ´´	W	2750	10	INERHI	11/1/1985	12/1/1963	
H064	EL ANGEL EN PTE.AYORA	LG	20	0 °	38 ´	26 ´´	N	77 °	57 ´	5 ´´	W	2850	4	INAMHI	4/1/1980		
H008	EL CARMEN	LM	20	0 °	23 ´	25 ´´	N	77 °	51 ´	50 ´´	W	2120	10	INERHI	11/1/1983		
H067	ESPEJO	LM	20	0 °	22 ´	0 ´´	N	77 °	51 ´	0 ´´	W	2900	10	INERHI	11/1/1985		
H075	HUARMYACU ABT AC.PUCHUES	LM	20	°	´	´´		°	´	´´			4	INERHI	11/1/1980		
H065	HUARMYACU AJ MALPASO	LM	20	0 °	39 ´	41 ´´	N	77 °	57 ´	29 ´´	W	2970	4	INAMHI	3/1/1982	12/1/1963	
H026	ITAMBI EN L.S.PABLO	LM	20	0 °	11 ´	50 ´´	N	78 °	12 ´	32 ´´	W	2650	10	INAMHI	7/1/1965		
H025	JATUNYACU AJ BLANCO	LG	20	0 °	15 ´	10 ´´	N	78 °	15 ´	55 ´´	W	2470	10	INAMHI	12/1/1964		
H032	LAGO S.PABLO EN MUELL.CHICAPAN	LM	20	0 °	13 ´	10 ´´	N	78 °	14 ´	7 ´´	W	2680	10	INAMHI	12/1/1963		
H059	LAGUNA CUICOCHA	LM	20	0 °	17 ´	45 ´´	N	78 °	21 ´	36 ´´	W		10	INAMHI	1/15/1984		
H055	LAGUNA MOJANDA	LM	20	°	´	´´		°	´	´´			10	INAMHI	8/1/1971	1/15/1984	
H012	LITA AJ MIRA	LG	20	0 °	50 ´	20 ´´	N	78 °	27 ´	28 ´´	W	505	10	INAMHI	5/1/1978	5/1/1978	
H066	MALPASO-BT CANAL PUERMAL	LM	20	0 °	39 ´	18 ´´	N	77 °	58 ´	55 ´´	W	3060	4	INAMHI	11/23/1980	11/1/1978	
H014	MIRA EN CARCHI	LG	20	0 °	36 ´	34 ´´	N	78 °	8 ´	8 ´´	W	1250	10	INAMHI	9/1/1963		
H011	MIRA EN LITA	LG	20	0 °	50 ´	57 ´´	N	78 °	27 ´	49 ´´	W	475	8	INAMHI	12/1/1963		
H073	MOJANDA	LM	20	0 °	9 ´	0 ´´	N	78 °	16 ´	0 ´´	W	3600	10	INERHI	1/1/1978		
H056	PALACARA	LM	20	0 °	31 ´	57 ´´	N	78 °	8 ´	22 ´´	W	1540	10	INERHI	1/1/1978		
H028	PEGUCHE EN L.S.PABLO	LM	20	0 °	13 ´	53 ´´	N	78 °	13 ´	55 ´´	W	2660	10	INAMHI	7/1/1963	7/1/1963	
H027	PEGUCHE EN VERTEDERO	LM	20	0 °	14 ´	3 ´´	N	78 °	13 ´	58 ´´	W	2655	10	INAMHI	11/1/1972	11/1/1972	
H070	PISQUE	LM	20	0 °	20 ´	0 ´´	N	77 °	56 ´	0 ´´	W	2100	10	INERHI	1/1/1984	9/1/1974	
H020	QDA.CHIMARRAS	LM	20	°	´	´´		°	´	´´			4	INAMHI	9/1/1974		
H058	QDA.CHUMAVI	LG	20	0 °	21 ´	14 ´´	N	78 °	21 ´	5 ´´	W		10	INAMHI	1/15/1984		
H052	QDA.JUAN IBARRA	LM	20	°	´	´´		°	´	´´			4	INAMHI	9/1/1974		
H053	QDA.NUECES	LM	20	°	´	´´		°	´	´´			4	INAMHI	9/1/1974		
H033	QDA.PIVARENCI	LM	20	0 °	12 ´	53 ´´	N	78 °	14 ´	32 ´´	W		10	INAMHI	8/1/1965	8/1/1965	
H051	QDA.PIZAN	LM	20	°	´	´´		°	´	´´			4	INAMHI	9/1/1974	9/1/1974	
H035	QDA.PUNYARO EN OTAVALO	LM	20	0 °	13 ´	30 ´´	N	78 °	15 ´	58 ´´	W		10	INAMHI	6/1/1965	6/1/1965	
H036	QDA.ROSASPAMBA EN OTAVALO	LM	20	0 °	13 ´	18 ´´	N	78 °	17 ´	15 ´´	W		10	INAMHI	8/1/1965	8/1/1965	
H034	QDA.S.FRANCISCO EN OTAVALO	LM	20	0 °	13 ´	22 ´´	N	78 °	17 ´	10 ´´	W		10	INAMHI	8/1/1965	8/1/1965	
H050	QDA.S.MARTHA	LM	20	°	´	´´		°	´	´´			4	INAMHI	9/1/1974	9/1/1974	
H021	QDA.TUNDAL	LM	20	0 °	30 ´	35 ´´	N	77 °	48 ´	39 ´´	W		4	INAMHI	9/1/1974	9/1/1974	
H009	RIO BLANCO IMBABURA	LM	20	0 °	17 ´	52 ´´	N	77 °	54 ´	40 ´´	W	2200	10	INERHI	11/1/1983	9/1/1976	
H022	SAN GABRIEL EN PTE.CARRETERA	LM	20	0 °	45 ´	10 ´´	N	77 °	49 ´	38 ´´	W	2850	4	INAMHI	9/1/1972		
H072	SAN MIGUEL	LM	20	0 °	22 ´	0 ´´	N	77 °	51 ´	0 ´´	W	2150	10	INERHI	11/1/1983		
H074	SAN PABLO	LM	20	0 °	13 ´	0 ´´	N	78 °	14 ´	10 ´´	W	2740	10	INERHI	1/1/1981		
H007	SANTIAGUILLO	LM	20	0 °	34 ´	0 ´´	N	78 °	7 ´	0 ´´	W	1140	10	INERHI	1/1/1978		
H037	TEJAR EN OTAVALO	LM	20	0 °	13 ´	56 ´´	N	78 °	15 ´	52 ´´	W	2540	10	INAMHI	6/1/1965	9/1/1976	
H044	VERTEDERO #1	LM	20	°	´	´´		°	´	´´			10	INAMHI	9/1/1976		
H042	VERTEDERO #2	LM	20	0 °	16 ´	50 ´´	N	78 °	23 ´	45 ´´	W		10	INAMHI	9/1/1976		
H043	VERTEDERO #3	LM	20	0 °	15 ´	43 ´´	N	78 °	24 ´	4 ´´	W	3180	10	INAMHI	9/1/1976		
H040	VERTEDERO CAMBUGAN	LM	20	0 °	15 ´	39 ´´	N	78 °	23 ´	52 ´´	W	3190	10	INAMHI	9/1/1976		
H041	VERTEDERO INGUINCHO	LM	20	0 °	15 ´	30 ´´	N	78 °	24 ´	8 ´´	W	3200	10	INAMHI	9/1/1976	9/1/1976	
H038	VERTEDERO PARSHAL #1	LM	20	°	´	´´		°	´	´´			10	INAMHI	9/1/1976		
H039	VERTEDERO PARSHAL #2	LM	20	°	´	´´		°	´	´´			10	INAMHI	9/1/1976		
H057	YAGUARCOCHA	LM	20	0 °	22 ´	48 ´´	N	78 °	6 ´	8 ´´	W	2190	10	INERHI	2/1/1978		
H018	YAIL AJ APAQUI	LM	20	0 °	29 ´	39 ´´	N	77 °	50 ´	43 ´´	W	2500	4	INAMHI	9/1/1974		
CUENCA DEL RÍO CARCHI																	
H095	BOBO EN CHALPATAN	LG	30	0 °	43 ´	58 ´´	N	77 °	48 ´	12 ´´	W	3325	4	INAMHI	8/1/1965		
H093	BOBO EN PLTA.ELEC.TULCAN	LM	30	0 °	48 ´	58 ´´	N	77 °	44 ´	55 ´´	W	2880	4	INAMHI			
H092	CHICO AJ CARCHI	LM	30	0 °	47 ´	56 ´´	N	77 °	49 ´	58 ´´	W	3075	4	INAMHI			7/1/1965
H091	GRANDE AJ JATIVA	LG	30	0 °	48 ´	18 ´´	N	77 °	50 ´	50 ´´	W	3120	4	INAMHI			7/1/1965
H094	TUNEL LA COFRADIA	LM	30	0 °	48 ´	2 ´´	N	77 °	49 ´	11 ´´	W		4	INAMHI			6/1/1968
CUENCA DEL RÍO VERDE																	
H106	CAIOPE	LM	40	0 °	59 ´	43 ´´	N	79 °	31 ´	39 ´´	W		8				

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CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS	GG	MM	SS					
H111	CAYAPAS EN TELEMBI	LG	50	0 °	47 ' 0 "	N	78 °	56 ' 0 "	W		8	INAMHI	4/3/1981	
HB29	SANTIAGO EN PTE. CARRETERA	LM	50	1 °	4 ' 34 "	N	78 °	53 ' 44 "	W		8	INAMHI	12/17/2003	
H112	SANTIAGO EN SELVA ALEGRE	LG	50	0 °	53 ' 57 "	N	78 °	50 ' 58 "	W		8	INAMHI	3/1/1981	
CUENCA DEL RÍO MUISNE														
H126	ESTERO TONSUPA	LM	60	0 °	53 ' 18 "	N	79 °	48 ' 26 "	W		8	INERHI	2/1/1981	
H127	LA UNION-ATACAMES	LM	60	0 °	48 ' 38 "	N	79 °	51 ' 56 "	W		8	INERHI	1/1/1981	
H128	SUA	LM	60	0 °	51 ' 16 "	N	79 °	52 ' 37 "	W		8	INERHI		
H129	TONCHIGUE	LM	60	0 °	48 ' 0 "	N	79 °	55 ' 58 "	W		8	INERHI		
CUENCA DEL RÍO COJIMÍES														
H135	CUAQUE	LM	70								13	CRM		
CUENCA DEL RÍO ESMERALDAS														
HA09	AC.JAMBELI BT	LM	80	0 °	33 ' 56 "	S	78 °	35 ' 13 "	W	3100	17	INERHI	6/1/1985	
HA08	AC.NIEVES BT H.SOLANDA	LM	80	0 °	34 ' 43 "	S	78 °	38 ' 2 "	W	3360	17	INERHI	6/1/1985	
HA2C	AC.PARCAYACU	LM	80								17	EMAPQ	8/26/1981	
H136	ALAMBI EN CHURUPAMBA	LG	80	0 °	9 ' 0 "	N	78 °	40 ' 50 "	W	920	17	INAMHI	9/20/1976	
H138	BLANCO DJ TOACHI(PTE.UNICOOP)	LM	80	0 °	5 ' 2 "	S	79 °	16 ' 47 "	W		17	INAMHI	1/20/1974	
H139	BLANCO EN LOS BANCOS	LG	80	0 °	0 ' 20 "	N	78 °	52 ' 25 "	W	795	17	INAMHI	10/3/1978	
H216	BUA AJ QUININDE	LG	80	0 °	1 ' 15 "	S	79 °	35 ' 59 "	W		17	INAMHI		
H142	CANAL EXCESO TABACUNDO	LM	80	0 °	8 ' 59 "	N	78 °	1 ' 25 "	W		17	INERHI	4/20/1974	
H140	CANAL MOYURCO	LM	80								17	INAMHI	4/1/1974	
H141	CANAL TABACUNDO	LM	80	0 °	8 ' 59 "	N	78 °	1 ' 24 "	W		17	INAMHI	4/1/1974	
HA2Z	CAONI A.J. BLANCO	LG	80	0 °	7 ' 20 "	N	79 °	15 ' 11 "	W	140	17	CPP		
H197	CAPELO AJ S.PEDRO	LM	80	0 °	17 ' 57 "	S	78 °	27 ' 37 "	W		17	INERHI	11/1/1982	
H175	CUBI AJ GUAYLLABAMBA	LM	80								17	INAMHI	6/1/1985	
H179	DAMAS EN CTO.INECEL(EN DAMAS)	LM	80	0 °	22 ' 25 "	S	78 °	59 ' 15 "	W	1030	17	INAMHI	10/1/1966	10/1/1966
H169	ESMERALDAS AJ TEAONE	LM	80	0 °	55 ' 9 "	N	79 °	39 ' 17 "	W		8	INAMHI	1/1/1974	
H168	ESMERALDAS DJ SADE	LG	80	0 °	31 ' 24 "	N	79 °	24 ' 55 "	W	50	8	INAMHI	2/1/1965	
H203	ESTERO TACHINA	LM	80	0 °	57 ' 52 "	N	79 °	37 ' 23 "	W		8	INERHI	1/1/1981	
H204	ESTERO TIMBRE	LM	80	0 °	46 ' 43 "	N	79 °	39 ' 3 "	W		8	INERHI	10/1/1980	
H143	GRANOBLES AJ GUACHALA	LG	80	0 °	1 ' 33 "	N	78 °	10 ' 0 "	W	2750	17	INAMHI	4/1/1962	
H144	GUACHALA AJ GRANOBLES	LG	80	0 °	0 ' 47 "	N	78 °	9 ' 30 "	W	2740	17	INAMHI	4/1/1954	
H211	GUAMARAL EN CARMITO	LM	80								13	CRM		
H170	GUAYLLABAMBA AJ BLANCO	LM	80	0 °	26 ' 19 "	N	79 °	23 ' 38 "	W	90	8	INAMHI	1/20/1974	
H145	GUAYLLABAMBA AJ CUBI	LG	80	0 °	5 ' 35 "	N	78 °	25 ' 40 "	W	1540	17	INAMHI	5/1/1964	
H146	GUAYLLABAMBA DJ ALAMBI	LG	80	0 °	14 ' 10 "	N	78 °	44 ' 30 "	W	625	10	INAMHI	12/1/1965	
H147	GUAYLLABAMBA DJ PACHIJAL	LG	80	0 °	13 ' 20 "	N	78 °	59 ' 36 "	W	410	17	INAMHI	12/1/1978	
H148	GUAYLLABAMBA DJ PISQUE	LG	80	0 °	0 ' 56 "	N	78 °	24 ' 18 "	W	1690	17	INAMHI	9/20/1978	
H200	GUAYLLABAMBA EN P.CARRETERA	LM	80	0 °	3 ' 55 "	S	78 °	22 ' 15 "	W		17	INERHI	3/1/1980	
H149	GUAYLLABAMBA EN PTE.CHACAPATA	LG	80	0 °	11 ' 6 "	N	78 °	38 ' 44 "	W	860	10	INAMHI	6/1/1978	
H150	INTAG DJ PAMPLONA	LG	80	0 °	13 ' 20 "	N	78 °	37 ' 25 "	W	1000	10	INAMHI	5/1/1976	
H176	INTAG EN APUELA	LG	80	0 °	21 ' 11 "	N	78 °	31 ' 0 "	W	1230	10	INAMHI	9/1/1963	9/1/1963
H151	INTAG EN BALZAPAMBA	LM	80	0 °	20 ' 12 "	N	78 °	32 ' 10 "	W		10	INAMHI	8/18/1980	
H201	JAMBELI EN P.CARRETERA	LM	80	0 °	34 ' 8 "	S	78 °	35 ' 33 "	W	3120	17	INERHI	6/1/1985	
H152	LA CHIMBA EN OLMEDO	LM	80	0 °	9 ' 3 "	N	78 °	2 ' 32 "	W	3096	17	INERHI	4/1/1974	
H153	LELIA DJ CRISTAL	LM	80	0 °	22 ' 14 "	S	79 °	1 ' 32 "	W	860	17	INAMHI	1/1/1967	1/1/1967
H189	MACHANGARA EN DOS PUENTES	LM	80								17	EMAPQ	1/6/1982	
H137	MACHANGARA EN GUAPULO	LG	80	0 °	12 ' 30 "	S	78 °	28 ' 32 "	W	2800	17	EMAPQ	7/2/1965	7/2/1965
H180	MONJAS AA PISCINAS	LM	80	0 °	0 ' 50 "	S	78 °	5 ' 30 "	W	3160	17	INAMHI	1/11/1973	1/11/1973
H154	MONJAS DJ QDA.COLORADA	LM	80	0 °	0 ' 52 "	S	78 °	25 ' 32 "	W	2270	17	INAMHI	8/1/1972	8/1/1972
H190	MONJAS EN EL COLEGIO	LM	80								17	INAMHI		
HA30	MULAUTE D.J. COCANIGUAS	LG	80	0 °	6 ' 25 "	N	79 °	0 ' 8 "	W	520	17	CPP		
HA2Y	PACHIJAL A.J. GUAYLLABAMBA	LG	80	0 °	9 ' 50 "	N	78 °	56 ' 6 "	W	520	17	CPP		
H202	PANTAVI	LG	80	0 °	28 ' 22 "	N	78 °	24 ' 0 "	W	3500	10	INERHI	1/1/1981	
H212	PARCAYACU EN EL COLEGIO	LG	80								17	EMAPQ	8/26/1981	
H174	PERLABI AJ GUAYLLABAMBA	LM	80								17	INAMHI	7/1/1985	
H156	PILATON AJ TOACHI	LG	80	0 °	18 ' 37 "	S	78 °	55 ' 52 "	W	890	17	INAMHI	2/1/1964	
H188	PILATON D.J. CHITOA (EN LA ESPERIE)	LM	80	0 °	20 ' 46 "	S	78 °	50 ' 36 "	W		17	INAMHI		
H155	PILATON DJ SACALZON(EN LA TOMA)	LM	80	0 °	21 ' 37 "	S	78 °	49 ' 50 "	W	1130	17	INAMHI	11/1/1973	11/1/1973
H178	PINNAN	LG	80	0 °	28 ' 55 "	N	78 °	25 ' 15 "	W	3040	10	INERHI	1/1/1981	
H184	PITA ABT PITATAMBO	LM	80	0 °	29 ' 14 "	S	78 °	25 ' 58 "	W	3340	17	INAMHI	9/5/1975	
H158	PITA AJ SALTO	LG	80	0 °	34 ' 15 "	S	78 °	25 ' 26 "	W	3550	17	INAMHI	8/1/1964	
H198	PITA EN TR.AL SAN PEDRO	LM	80	0 °	17 ' 58 "	S	78 °	27 ' 2 "	W		17	INERHI	10/1/1982	
H182	QDA.COLORADA AJ MONJAS	LM	80	0 °	0 ' 33 "	N	78 °	25 ' 50 "	W		17	INAMHI	8/1/1972	8/1/1972
H214	QDA.EL BATAN	LG	80								17	EMAPQ	8/26/1981	
H213	QDA.RUMIPAMBA EN RUMANACCHA	LG	80								17	EMAPQ	9/2/1981	
H181	QDA.S.FRANCISCO(R.PITA)	LM	80								17	INAMHI	8/1/1965	8/1/1965
H177	QUININDE EN QUININDE	LG	80	0 °	18 ' 45 "	N	79 °	28 ' 3 "	W	110	8	INAMHI	8/1/1982	
H215	SALTO DE LA LIBERTAD	LG	80								17	EMAPQ	8/26/1981	
H157	SAN PEDRO EN AMAGUANNA	LM	80	0 °	22 ' 50 "	S	78 °	30 ' 54 "	W		17	INERHI	10/23/1975	
H193	SAN PEDRO EN BAT.CHIMBORAZO	LM	80	0 °	20 ' 59 "	S	78 °	28 ' 9 "	W		17	INERHI	10/1/1982	
H159	SAN PEDRO EN MACHACHI	LG	80	0 °	28 ' 25 "	S	78 °	32 ' 34 "	W	2680	17	INAMHI	3/1/1964	
H195	SAN PEDRO EN P.CA TUMBACO	LM	80	0 °	12 ' 18 "	S	78 °	25 ' 15 "	W		17	INERHI	12/1/1982	
H192	SAN PEDRO EN P.EL MURCO	LM	80	0 °	25 ' 56 "	S	78 °	32 ' 42 "	W		17	INERHI	11/1/1982	
H199	SAN PEDRO EN P.HOLIDAY	LM	80	0 °	17 ' 51 "	S	78 °	27 ' 39 "	W		17	INERHI	12/1/1979	
H186	SAN PEDRO EN PTE.GUAPAC	LM	80	0 °	31 ' 46 "	S	78 °	32 ' 50 "	W	2920	17	INERHI	10/1/1975	
H185	SAN PEDRO EN PTE.LA INCA	LM	80	0 °	22 ' 30 "	S	78 °	30 ' 45 "	W	2600	17	INAMHI	10/1/1975	
H194	SAN PEDRO EN S.P.TOBOADO	LM	80	0 °	17 ' 53 "	S	78 °	27 ' 27 "	W		17	INERHI	11/1/1982	
H191	SAN PEDRO EN TESALIA-GUITIG	LM	80	0 °	30 ' 3 "	S	78 °	32 ' 25 "	W		17	INERHI	11/1/1982	
H196	SANTA CLARA AJ S.PEDRO	LM	80	0 °	20 ' 37 "	S	78 °	25 ' 33 "	W		17	INERHI	10/1/1982	
H160	SARAPULLO AJ TOACHI	LG	80	0 °	23 ' 38 "	S	78 °	53 ' 38 "	W	1020	17	INAMHI	10/1/1967	
H171	SUBERE AJ TEAONE	LM	80	0 °	50 ' 36 "	N	79 °	41 ' 50 "	W		8	INAMHI	3/1/1976	
H173	TEAONE AJ ESMERALDAS	LG	80	0 °	55 ' 35 "	N	79 °	41 ' 29 "	W		8	INAMHI	1/10/1976	
H172	TEAONE DJ TABIAZO	LM	80	0 °	50 ' 37 "	N	79 °	41 ' 55 "	W	16	8	INAMHI	2/15/1974	2/15/1974
H165	TOACHI AJ ALLURIQUIN	LM	80	0 °	18 ' 59 "	S	78 °	59 ' 16 "	W	850	17	INAMHI	8/1/1966	8/1/1966
H187	TOACHI AJ LAS JUNTAS	LM	80								5	INAMHI		
H161	TOACHI AJ PILATON	LG	80	0 °	18 ' 56 "	S	78 °	57 ' 5 "	W	820	17	INAMHI	1/1/1964	
H164	TOACHI DJ PAXILLIN	LG	80	0 °	39 ' 8 "	S	78 °	52 ' 51 "	W	2250	5	INAMHI	3/1/1968	
H163	TOACHI DJ SARAPULLO	LG	80	0 °	21 ' 43 "	S	78 °	54 ' 50 "	W	950	17	INAMHI	1/1/1973	
H166	TOACHI EN LAS PAMPAS	LG	80	0 °	26 ' 23 "	S	79 °	56 ' 58 "	W	1110	5	INAMHI	10/1/1966	

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CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO	
				GG	MM	SS	GG	MM	SS						
H162	TOACHI EN PTE.MAGDALENA	LM	80	0 °	21 ´	52 " S	78 °	59 ´	30 " W	740	17	INAMHI	11/1/1973	3/20/1972	
H167	TOACHI EN S.D.DE LOS COLORADOS	LG	80	0 °	14 ´	42 " S	79 °	7 ´	40 " W		17	INAMHI	12/9/1982		
H183	VICHE AJ ESMERALDAS	LG	80	0 °	39 ´	25 " N	79 °	32 ´	30 " W	50	8	INAMHI	3/20/1972		
H205	VUELTA LARGA EN RIO TEAONE	LM	80	0 °	54 ´	1 " N	79 °	42 ´	1 " W		8	INERHI			
CUENCA DEL RÍO JAMA															
H210	BRICENNO EN BOTADERO	LM	90	0 °	31 ´	20 " S	80 °	21 ´	5 " W	15	13	INAMHI			
H207	JAMA AJ MARIANO	LG	90	0 °	13 ´	50 " S	80 °	14 ´	55 " W	50	13	INAMHI			
H209	JAMA DJ VENADO	LM	90	0 °	15 ´	55 " S	80 °	14 ´	30 " W	40	13	INAMHI			
H206	JAMA EN JAMA	LG	90	0 °	13 ´	2 " S	80 °	14 ´	55 " W		13	INAMHI	11/1/1962		
H208	MARIANO AJ JAMA	LM	90	0 °	12 ´	20 " S	80 °	18 ´	40 " W		13	INAMHI			
CUENCA DEL RÍO CHONE															
H226	BARRO AJ CARRIZAL	LM	100	0 °	52 ´	22 " S	80 °	2 ´	18 " W		13	INAMHI	12/1/1970		
H236	CANUTO EN GUARUMAL	LM	100	°	´	"	°	´	"		13	CRM			
H227	CARRIZAL DJ BEJUCO	LM	100	0 °	55 ´	52 " S	80 °	1 ´	58 " W		13	INAMHI	1/1/1970		
H229	CARRIZAL EN CALCETA	LG	100	0 °	50 ´	42 " S	80 °	9 ´	40 " W	20	13	INAMHI	11/1/1962		
H228	CARRIZAL EN GUABAL	LM	100	0 °	52 ´	16 " S	80 °	8 ´	34 " W		13	INAMHI	8/27/1979		
H234	CARRIZAL EN LA ESTANCILLA	LG	100	0 °	49 ´	40 " S	80 °	10 ´	55 " W	20	13	INAMHI	11/14/1962		
H235	CHONE EN CHONE	LM	100	0 °	11 ´	31 " S	80 °	5 ´	40 " W		13	CRM	1/1/1976		
H230	GARRAPATA AJ CHONE	LG	100	0 °	39 ´	21 " S	80 °	2 ´	42 " W		13	INAMHI	1/1/1971		
H231	GRANDE AJ MOSQUITO	LM	100	0 °	40 ´	22 " S	80 °	1 ´	37 " W		13	INAMHI	1/1/1971		
H233	JUNIN DJ EST.PALMAR	LG	100	0 °	54 ´	17 " S	80 °	11 ´	0 " W	20	13	INAMHI	1/1/1965		
H232	MOSQUITO AJ GRANDE	LM	100	0 °	39 ´	47 " S	80 °	2 ´	18 " W	35	13	INAMHI	1/1/1971		
CUENCA DEL RÍO PORTOVIEJO															
H275	CANAL SALAZAR BARRAGAN	LM	110	°	´	"	°	´	"		13	INAMHI	1/1/1970		1/1/1970
H270	CHAMOTETE AJ CHICO	LG	110	1 °	1 ´	35 " S	80 °	13 ´	18 " W		13	INAMHI	1/1/1971		1/1/1971
H280	CHAMOTETE EN JESUS MARIA	LG	110	1 °	1 ´	10 " S	80 °	12 ´	25 " W	70	13	INAMHI			
H272	CHICO AJ PORTOVIEJO	LG	110	0 °	59 ´	6 " S	80 °	25 ´	9 " W		13	INAMHI	1/26/1979		
H271	CHICO EN ALAJUELA	LG	110	1 °	2 ´	44 " S	80 °	16 ´	52 " W	60	13	INAMHI	9/1/1962		
H276	CHICO EN LA CANTERA	LM	110	°	´	"	°	´	"		13	INAMHI	11/1/1970		
H273	LODANA EN PTE.CARRETERA	LG	110	1 °	10 ´	24 " S	80 °	23 ´	7 " W		13	INAMHI	1/23/1979		
H274	MANCHA GRANDE	LM	110	°	´	"	°	´	"		13	INAMHI	6/1/1971		
H266	PORTOVIEJO EN H.VASQUEZ (GUARUMO)	LM	110	1 °	26 ´	30 " S	80 °	13 ´	3 " W	100	13	INAMHI	10/1/1962		
H269	PORTOVIEJO EN LA GUAYABA	LG	110	0 °	51 ´	54 " S	80 °	29 ´	26 " W		13	INAMHI	1/23/1979		
H284	PORTOVIEJO EN P.J.ROLDOS	LM	110	°	´	"	°	´	"		13	CRM			
H282	PORTOVIEJO EN P.VELASCO IBARRA	LM	110	°	´	"	°	´	"		13	INAMHI			
HA2D	PORTOVIEJO EN PICOAZA	LG	110	1 °	1 ´	30 " S	80 °	29 ´	7 " W	63	13	INAMHI	1/20/1990		
H268	PORTOVIEJO EN PORTOVIEJO	LG	110	1 °	3 ´	29 " S	80 °	27 ´	11 " W		13	INAMHI	1/25/1979		
H281	PORTOVIEJO EN POZA HONDA	LM	110	1 °	3 ´	10 " S	80 °	12 ´	5 " W	105	13	INAMHI			
H277	PORTOVIEJO EN PTE.SAN JOSE	LM	110	°	´	"	°	´	"		13	INAMHI			
H283	PORTOVIEJO EN SEC.PICOASA	LM	110	°	´	"	°	´	"		13	CRM			
H267	PORTOVIEJO EN STA.ANA	LG	110	1 °	12 ´	10 " S	80 °	21 ´	55 " W	50	13	INAMHI	7/1/1962		
H278	REPRESA SALAZAR BARRAGAN	LM	110	°	´	"	°	´	"		13	INAMHI	5/1/1967		
HA2E	SAN PLACIDO	LM	110	1 °	3 ´	30 " S	80 °	15 ´	0 " W		13	CRM			
H279	VISQUIJE AJ PORTOVIEJO	LM	110	°	´	"	°	´	"		13	INAMHI	1/1/1971		
CUENCA DEL RÍO JIPIJAPA															
H306	AYAMPE DJ SAN JACINTO	LG	120	1 °	40 ´	23 " S	80 °	47 ´	38 " W		13	INAMHI	11/25/1977		
CUENCA DEL RÍO GUAYAS															
H376	ALAUSI AJ GUASUNTOS	LG	130	2 °	14 ´	18 " S	78 °	52 ´	33 " W	1830	6	INAMHI	8/1/1964	8/1/1964	
H386	ALAUSI EN ALAUSI	LG	130	2 °	11 ´	38 " S	78 °	50 ´	56 " W	2195	6	INAMHI	10/1/1981	10/1/1981	
H397	ANGAMARCA EN PIHUAPUNGO	LG	130	1 °	7 ´	48 " S	79 °	6 ´	58 " W		5	INAMHI	4/25/1984	10/1/1964	
H385	ANGAS AJ CHANCHAN	LG	130	2 °	18 ´	6 " S	79 °	3 ´	45 " W	742	6	INAMHI	10/1/1964		
H326	BABA DJ TOACHI-DCP	AU	130	0 °	39 ´	50 " S	79 °	23 ´	5 " W	100	12	INAMHI	11/1/1964		
H387	BABAHOYO AJ YAGUACHI	LG	130	2 °	1 ´	5 " S	79 °	44 ´	0 " W	7	9	INAMHI	11/1/1963		
H349	BABAHOYO EN BABAHOYO	LM	130	1 °	47 ´	39 " S	79 °	32 ´	0 " W	9	12	INAMHI	12/1/1963	11/1/1963	
H412	BACHILLERO EN PTE.CARRETERA	LM	130	1 °	47 ´	39 " S	79 °	32 ´	0 " W		9	CEDEGE	1/1/1980		
H360	BANCHAL DJ GUABAS	LG	130	1 °	38 ´	20 " S	80 °	28 ´	53 " W	100	13	INAMHI	1/1/1977		
H409	CAJONES AJ PUPUSA	LG	130	0 °	15 ´	8 " S	79 °	22 ´	24 " W	560	17	INAMHI	7/1/1978		
H327	CAJONES EN KM.18 1/2	LG	130	0 °	14 ´	46 " S	79 °	19 ´	25 " W		17	INAMHI	11/1/1977		
H413	CALABI DJ CHIPE	LG	130	°	´	"	°	´	"		9	CEDEGE	5/1/1984		
H355	CALVO AJ GUINEAL	LG	130	1 °	20 ´	40 " S	80 °	16 ´	38 " W		13	INAMHI	1/17/1977		
H332	CANAL CHIMBO EN SAN LORENZO	LM	130	1 °	40 ´	11 " S	79 °	0 ´	15 " W	2400	2	INAMHI	12/1/1963		
H375	CHANCHAN DJ HUATAXI	LM	130	2 °	18 ´	40 " S	78 °	56 ´	42 " W		6	INAMHI	8/12/1981		
H330	CHANCHAN EN KM.90+180	LG	130	2 °	12 ´	45 " S	79 °	8 ´	10 " W	335	6	INAMHI	11/1/1964		
H420	CHILINTOMO EN H.LA MERCED	LM	130	1 °	57 ´	0 " S	79 °	28 ´	0 " W		9	INERHI			
H419	CHILINTOMO EN PUEBLO NUEVO	LM	130	1 °	57 ´	40 " S	79 °	24 ´	5 " W		9	INERHI			
H390	CHIMBO AJ MILAGRO INAMHI	LM	130	2 °	6 ´	5 " S	79 °	41 ´	37 " W	30	9	INAMHI	12/1/1969	12/1/1973	
H425	CHIMBO AJ MILAGRO INERHI	LM	130	2 °	6 ´	9 " S	79 °	41 ´	36 " W		9	INERHI	11/1/1975		
H336	CHIMBO AJ SAN JUAN	LG	130	1 °	51 ´	26 " S	79 °	1 ´	9 " W	1820	2	INAMHI	6/1/1968		
H338	CHIMBO DJ PANGOR	LG	130	1 °	55 ´	56 " S	79 °	0 ´	27 " W	1452	2	INAMHI	8/1/1964		
H340	CHIMBO EN BUCAY	LG	130	2 °	11 ´	39 " S	79 °	8 ´	25 " W	297	9	INAMHI	1/1/1964		
H424	CHIMBO EN H.LAS PILAS	LM	130	2 °	13 ´	0 " S	79 °	38 ´	0 " W		9	INERHI	11/1/1975		
H382	CHIMBO EN SAN CARLOS	LG	130	2 °	11 ´	21 " S	79 °	25 ´	0 " W		9	INERHI	3/1/1982		
H331	CHIMBO EN SAN LORENZO	LG	130	1 °	40 ´	11 " S	79 °	0 ´	16 " W	2400	2	INAMHI	12/1/1963		
H383	CHIMBO-PTE.CARRETERA	LM	130	2 °	10 ´	51 " S	79 °	37 ´	11 " W		9	CEDEGE	11/1/1977		
H339	COCO AJ CHIMBO	LG	130	2 °	6 ´	36 " S	79 °	0 ´	38 " W	800	6	INAMHI	12/1/1973		
H361	COLIMES AJ DAULE	LG	130	1 °	32 ´	45 " S	80 °	1 ´	56 " W	14	9	INAMHI	9/1/1971	12/1/1973	
H399	COLIMES EN POTRERILLOS	LG	130	1 °	32 ´	47 " S	80 °	4 ´	3 " W	15	9	CEDEGE	9/1/1971		
H402	CONGO EN PTE.CARRETERA	LM	130	1 °	2 ´	3 " S	79 °	41 ´	40 " W	30	9	CEDEGE	12/1/1973		
H342	CRISTAL AJ SAN JORGE	LM	130	1 °	46 ´	25 " S	79 °	10 ´	40 " W	800	2	INAMHI	1/1/1964		
H406	CRISTAL EN LIMATON	LM	130	1 °	51 ´	6 " S	79 °	20 ´	9 " W	10	12	INAMHI	9/1/1976		
H430	CRISTAL EN MONTALVO	LM	130	°	´	"	°	´	"		12	INERHI	12/1/1977		
H369	DAULE DJ COCOPI	LM	130	0 °	49 ´	39 " S	79 °	41 ´	10 " W	24	9	CEDEGE	7/1/1971		
H362	DAULE DJ PUPUSA	LG	130	0 °	28 ´	34 " S	79 °	35 ´	58 " W	65	13	CEDEGE	12/1/1976		
HA2G	DAULE EN ALAJUELA	LG	130	1 °	2 ´	58 " S	79 °	46 ´	12 " W		9	CEDEGE			
H363	DAULE EN BALZAR	LG	130	1 °	21 ´	38 " S	79 °	54 ´	24 " W	30	9	INAMHI	1/1/1964		
H366	DAULE EN DAULE	LM	130	1 °	51 ´	35 " S	79 °	58 ´	50 " W	9	9	INAMHI	1/1/1963		
H365	DAULE EN LA CAPILLA	LG	130	1 °	41 ´	45 " S	79 °	59 ´	44 " W	13	9	INAMHI	1/1/1963	1/1/1964	
H354	DAULE EN LA LINDA	LM	130	1 °	20 ´	2 " S	79 °	53 ´	24 " W	8	9	CEDEGE	7/1/1974		
H367	DAULE EN LA TOMA	LM	130	1 °	59 ´	5 " S	79 °	58 ´	0 " W	8	9	INAMHI	12/1/1962		

INVENTARIO DE ESTACIONES HIDROLÓGICAS SUPERFICIALES

CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS	GG	MM	SS					
H364	DAULE EN PALESTINA	LM	130	1 °	37 ' 25 "	S	79 °	58 ' 49 "	W	10	9	INAMHI	2/1/1963	
H368	DAULE EN PASCUALES	LM	130	2 °	3 ' 42 "	S	79 °	55 ' 39 "	W	8	9	INAMHI	2/1/1963	
H351	DAULE EN PICHINCHA	LG	130	1 °	2 ' 46 "	S	79 °	48 ' 47 "	W	70	9	INAMHI	1/1/1965	
H405	DAULE EN PINNAL	LM	130	1 °	46 ' 31 "	S	80 °	0 ' 55 "	W	10	9	CEDEGE	6/1/1974	
H391	DAULE EN STA.LUCIA	LG	130	1 °	42 ' 30 "	S	79 °	58 ' 55 "	W	12	9	INAMHI	1/1/1963	
H408	DAULE-PERIPA(PRESA B)	LM	130	0 °	56 ' 10 "	S	79 °	45 ' 0 "	W	17	9	CEDEGE	6/1/1977	
H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)	LG	130	1 °	51 ' 27 "	S	79 °	4 ' 14 "	W	2100	2	INAMHI	5/1/1968	
H395	DE CHIMA EN S.J.DEL TAMBO	LM	130	1 °	56 ' 30 "	S	79 °	14 ' 30 "	W	90	2	INAMHI	9/1/1968	9/1/1968
H343	ECHEANDIA EN ECHEANDIA	LG	130	1 °	26 ' 5 "	S	79 °	15 ' 55 "	W	425	2	INAMHI	12/1/1964	
H394	EMBARCADERO EN H.CLEM(POT-STA.ROSA)	LM	130	1 °	46 ' 49 "	S	79 °	23 ' 29 "	W	18	12	CEDEGE	12/1/1970	12/1/1970
H428	ESTERO DE LOS MONOS CA PILAS	LM	130	2 °	11 ' 30 "	S	79 °	33 ' 24 "	W		9	INERHI	11/1/1975	
H429	ESTERO DE LOS MONOS KM 26	LM	130	2 °	10 ' 14 "	S	79 °	36 ' 39 "	W		9	INERHI	11/1/1975	
H427	ESTERO NARANJITO AJ MILAGRO	LM	130	2 °	8 ' 6 "	S	79 °	32 ' 53 "	W		9	INERHI	11/1/1975	
H325	GUABAS AJ BANCHAL	LG	130								13	CRM		
H377	GUASUNTOS AJ ALAUSI	LM	130	2 °	14 ' 28 "	S	78 °	52 ' 31 "	W	1830	6	INAMHI	1/1/1964	1/1/1964
H389	JUJAN	LM	130	1 °	53 ' 14 "	S	79 °	33 ' 16 "	W		9	INERHI		
H392	JUNQUILLO DD VERNASA	LM	130	1 °	40 ' 38 "	S	79 °	47 ' 4 "	W	25	12	CEDEGE	1/1/1973	
H378	LAS JUNTAS DJ SINDE(UMBE DJ PIN.)	LM	130	1 °	12 ' 35 "	S	79 °	17 ' 35 "	W	150	2	INAMHI	12/3/1963	12/3/1963
H335	LAS PESQUERIAS AJ DE CHIMA	LM	130	1 °	52 ' 13 "	S	79 °	4 ' 19 "	W	2070	2	INAMHI	5/1/1968	
H421	LOS AMARILLOS EN S.BOLIVAR	LM	130	2 °	0 ' 0 "	S	79 °	29 ' 0 "	W		9	INERHI		
H416	LULO AJ CHILA	LG	130	0 °	49 ' 0 "	S	79 °	26 ' 0 "	W	115	12	CEDEGE	10/1/1984	
H353	MACUL EN HDA.BRASILIA	LM	130	1 °	13 ' 14 "	S	79 °	45 ' 0 "	W	40	9	CEDEGE	11/1/1973	
H352	MACUL EN PTE.CARRETERA	LM	130	1 °	3 ' 43 "	S	79 °	36 ' 48 "	W	30	9	INAMHI	9/1/1962	
H403	MAGRO EN LAS CANNAS	LM	130	1 °	50 ' 35 "	S	80 °	4 ' 31 "	W	30	9	CEDEGE	1/1/1974	
H370	MASTRANTAL DD PULA	LM	130	1 °	40 ' 28 "	S	79 °	49 ' 29 "	W	25	9	CEDEGE	10/1/1971	
H341	MILAGRO AJ ANAPOYO	LM	130	2 °	5 ' 40 "	S	79 °	26 ' 34 "	W	54	9	INAMHI	12/1/1969	
H426	MILAGRO AJ NARANJITO	LM	130	2 °	8 ' 4 "	S	79 °	32 ' 56 "	W		9	INERHI	11/1/1975	
H410	MILAGRO AJ YAGUACHI	LM	130	2 °	8 ' 20 "	S	79 °	38 ' 20 "	W		9	INAMHI		
H423	MILAGRO EN INGENIO LUZ MARIA	LM	130	2 °	8 ' 18 "	S	79 °	38 ' 16 "	W		9	INERHI	10/1/1975	
H381	MILAGRO-HDA.LA MATILDE	LM	130	2 °	7 ' 47 "	S	79 °	37 ' 5 "	W		9	INERHI	11/1/1975	
H388	NUEVO DD VINCES	LM	130	1 °	35 ' 29 "	S	79 °	44 ' 27 "	W	19	9	CEDEGE	1/1/1972	
H359	PAJAN EN AGUA FRIA	LG	130	1 °	36 ' 30 "	S	80 °	22 ' 31 "	W		13	INAMHI	10/23/1981	
H379	PAJAN EN CAMPOSANO	LG	130	1 °	35 ' 30 "	S	80 °	23 ' 50 "	W	80	13	INAMHI	1/1/1965	1/1/1965
H411	PAJAN EN PAJAN	LM	130	1 °	33 ' 5 "	S	80 °	25 ' 15 "	W	85	13	INAMHI		
H358	PAJAN EN TRINIDAD	LG	130	1 °	31 ' 32 "	S	80 °	25 ' 45 "	W		13	INAMHI	7/24/1981	
H337	PANGOR AJ CHIMBO	LG	130	1 °	55 ' 55 "	S	79 °	0 ' 10 "	W	1480	2	INAMHI	12/1/1973	
H400	PEDRO CARBO EN PEDRO CARBO	LM	130	1 °	49 ' 8 "	S	80 °	13 ' 34 "	W	65	9	CEDEGE	4/1/1978	
H328	PERIPA DJ CONGOMA(HDA.VISTAZO)	LG	130	0 °	36 ' 19 "	S	79 °	29 ' 19 "	W	71	17	CEDEGE	1/1/1977	
H350	PERIPA EN MURUCUMBA	LM	130	0 °	52 ' 39 "	S	79 °	38 ' 5 "	W	22	13	CEDEGE	6/1/1971	
H329	PILALO EN LA ESPERANZA	LM	130	0 °	51 ' 45 "	S	79 °	5 ' 10 "	W	920	5	INAMHI	6/1/1962	
H374	PITA EN CALUMA	LM	130	1 °	55 ' 10 "	S	79 °	13 ' 48 "	W		2	INAMHI	10/22/1981	
H398	PUCA AJ DAULE	LM	130	1 °	25 ' 22 "	S	79 °	56 ' 43 "	W	14	9	INAMHI	3/1/1971	
H357	PUCA EN HACHA	LG	130	1 °	22 ' 13 "	S	79 °	58 ' 32 "	W	19	9	CEDEGE	12/1/1977	
H356	PUCA EN OLMEDO	LG	130	1 °	23 ' 25 "	S	80 °	12 ' 32 "	W	55	13	CRM	1/1/1977	1/1/1977
H401	PULA EN LAUREL	LM	130	1 °	46 ' 57 "	S	79 °	54 ' 11 "	W	6	9	CEDEGE	8/1/1971	
H407	PULA EN PALIZADA	LM	130	1 °	39 ' 2 "	S	79 °	50 ' 6 "	W	16	9	CEDEGE	11/1/1975	
H404	PULA EN YURIMA	LM	130	1 °	48 ' 24 "	S	79 °	54 ' 53 "	W	5	9	CEDEGE	1/1/1974	
H347	QUEVEDO EN QUEVEDO	LG	130	1 °	1 ' 5 "	S	79 °	27 ' 43 "	W	125	12	INAMHI	9/1/1962	
H380	SALINAS EN EL PUENTE	LM	130	1 °	32 ' 49 "	S	79 °	1 ' 0 "	W	2750	2	INERHI	5/4/1985	
H372	SAN ANTONIO AJ CHIMA	LM	130	1 °	58 ' 11 "	S	79 °	17 ' 25 "	W	150	12	INAMHI	10/1/1970	
H396	SAN JORGE AJ CRISTAL	LM	130	1 °	46 ' 35 "	S	79 °	10 ' 40 "	W	800	2	INAMHI	1/1/1964	1/1/1964
H333	SAN LORENZO EN SAN LORENZO	LM	130	1 °	41 ' 13 "	S	78 °	59 ' 44 "	W	2470	2	INAMHI	11/1/1963	
H415	SAN PABLO EN LA MANA	LG	130	0 °	56 ' 17 "	S	79 °	13 ' 24 "	W	238	5	CEDEGE	5/1/1984	
H371	SAN PABLO EN PALMAR	LG	130	1 °	49 ' 55 "	S	79 °	26 ' 20 "	W	10	12	CEDEGE	6/1/1969	
H393	SAN PABLO EN RIO CHICO	LM	130	1 °	52 ' 24 "	S	79 °	20 ' 37 "	W	11	12	INAMHI	9/1/1970	9/1/1970
H418	SUQUIBI AJ NAVES	LG	130	1 °	17 ' 0 "	S	79 °	20 ' 37 "	W		2	CEDEGE	5/1/1985	
H414	TOACHI AJ BABA	LG	130	0 °	40 ' 44 "	S	79 °	21 ' 9 "	W		12	CEDEGE	5/1/1984	
H344	UMBE EN QUINSALOMA	LG	130	1 °	12 ' 48 "	S	79 °	18 ' 10 "	W		12	INAMHI	2/15/1982	
H373	VERNAZA DD VINCES	LM	130	1 °	38 ' 26 "	S	79 °	47 ' 48 "	W	16	9	CEDEGE	9/1/1971	
H417	VINCES EN HDA.CASA VINCES	LG	130	1 °	20 ' 30 "	S	79 °	7 ' 48 "	W		12	CEDEGE	3/1/1984	
H348	VINCES EN VINCES-DCP	AU	130	1 °	32 ' 57 "	S	79 °	45 ' 2 "	W	41	12	INAMHI	12/1/1963	
H422	YAGUACHI CA BABAHOMO	LG	130	2 °	5 ' 28 "	S	79 °	41 ' 44 "	W		9	INERHI	11/1/1985	
H384	YAGUACHI-PTE.CARRETERA	LG	130								9	INAMHI	11/1/1977	
H345	ZAPOTAL EN CATARAMA(CATARAMA EN)	LM	130	1 °	34 ' 15 "	S	79 °	28 ' 56 "	W	40	12	INAMHI	9/1/1971	
H346	ZAPOTAL EN LECHUGAL	LG	130	1 °	23 ' 15 "	S	79 °	21 ' 15 "	W	18	12	INAMHI	2/1/1963	
CUENCA DEL RÍO ZAPOTAL														
HA2K	ABRAS DE MANTEQUILLA	LM	140	1 °	28 ' 55 "	S	79 °	40 ' 8 "	W		12	CEDEGE		
H432	CHONGON EN PTE.CARRETERA	LM	140								9	CEDEGE	9/1/1973	
HA2H	CLEMENTINA EN CLEMENTINA	LM	140	1 °	42 ' 27 "	S	79 °	23 ' 17 "	W		12	CEDEGE		
H438	CUCUNLLIQUE	LG	140	2 °	22 ' 18 "	S	80 °	28 ' 26 "	W		9	INERHI		
H435	GRANDE EN FEBRES CORDERO	LM	140	1 °	56 ' 12 "	S	80 °	36 ' 6 "	W		9	CEDEGE	1/1/1974	
H431	JAVITA EN JAVITA	LM	140								9	INAMHI	2/1/1965	2/1/1965
HA2I	LOS TINTOS EN J.B. AGUIRRE	LM	140	1 °	52 ' 30 "	S	79 °	51 ' 54 "	W		9	CEDEGE		
H437	MANGLARALTO EN 2 MANGAS	LM	140	1 °	49 ' 24 "	S	80 °	41 ' 18 "	W		9	CEDEGE	8/1/1973	1/1/1982
H433	NUEVO EN EL COROZO	LM	140	2 °	1 ' 18 "	S	80 °	28 ' 24 "	W		9	CEDEGE	3/1/1967	
H436	SALANGUILLO EN SALANGUILLO	LM	140	1 °	57 ' 18 "	S	80 °	33 ' 30 "	W		9	CEDEGE	2/1/1968	
HA2L	SAMBORONDON EN SAMBORONDON	LG	140	1 °	57 ' 42 "	S	79 °	43 ' 6 "	W		9	CEDEGE		
H439	TINTO EN P.CARRETERA	LG	140	2 °	22 ' 2 "	S	80 °	28 ' 7 "	W	45	9	INERHI	1/28/1982	
H434	VALDIVIA EN EL SUSPIRO	LM	140	1 °	53 ' 43 "	S	80 °	37 ' 47 "	W		9	CEDEGE	12/1/1976	
HA2J	VINCES EN LA BOCANA DE ABAJO	LM	140	1 °	50 ' 55 "	S	79 °	42 ' 40 "	W		12	CEDEGE		
CUENCA DEL RÍO TAURA														
H449	BOLICHE-PTE.INIAP	LM	150	2 °	15 ' 3 "	S	79 °	38 ' 51 "	W		9	INERHI	12/1/1977	
H447	BULUBULU AJ PAYO	LG	150	2 °	18 ' 23 "	S	79 °	28 ' 33 "	W	40	9	INAMHI	10/1/1963	
HB31	BULUBULU ANTES DEL BY-PASS	AU	150	2 °	21 ' 24 "	S	79 °	21 ' 57 "	W		3	INAMHI	10/28/2003	
H446	BULUBULU EN M.J.CALLE INAMHI	LM	150	2 °	20 ' 30 "	S	79 °	23 ' 40 "	W	50	3	INAMHI	12/18/1975	
H450	BULUBULU EN M.J.CALLE INERHI	LG	150	2 °	20 ' 46 "	S	79 °	23 ' 53 "	W		9	INERHI	12/1/1981	
H452	BULUBULU EN PTE.NEGRO	LG	150	2 °	18 ' 20 "	S	79 °	38 ' 51 "	W		9	INERHI		
H454	CHURUTE	LM	150	2 °	26 ' 28 "	S	79 °	39 ' 10 "	W		9	INERHI		
H453	CULEBRA EN R.CULEBRA	LM	150	2 °	19 ' 40 "	S	79 °	35 ' 4 "	W		9	INERHI		

INVENTARIO DE ESTACIONES HIDROLÓGICAS SUPERFICIALES

CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS	GG	MM	SS					
H448	PAYO AJ BULUBULU	LM	150	2 °	15 ´	11 " S	79 °	33 ´	23 " W	25	9	INAMHI	10/1/1963	10/1/1963
H451	TAURA EN TAURA	LG	150	2 °	18 ´	21 " S	79 °	43 ´	57 " W		9	INERHI	5/1/1985	
CUENCA DEL RÍO CAÑAR														
H473	CANAL CANNAR	LM	160	2 °	35 ´	23 " S	79 °	40 ´	52 " W		3	INAMHI	4/1/1967	
H471	CANNAR DJ RAURA	LG	160	2 °	28 ´	10 " S	79 °	7 ´	45 " W		3	INAMHI	3/1/1965	
H472	CANNAR EN PTO.INCA	LG	160	2 °	31 ´	50 " S	79 °	32 ´	29 " W	35	9	INAMHI	12/1/1963	
H476	CELEL AJ CANNAR	LM	160	2 °	29 ´	55 " S	79 °	1 ´	36 " W	2300	3	INERHI	4/1/1980	
H477	PATOCOCHA	LM	160	2 °	35 ´	31 " S	79 °	0 ´	21 " W	3600	3	INERHI	10/27/1983	
H469	QDA.YURACYACU AJ S.ANTONIO	LM	160	2 °	25 ´	20 " S	78 °	51 ´	51 " W		3	INAMHI	6/10/1976	
H474	SAN ANTONIO AJ CANNAR	LM	160	2 °	29 ´	28 " S	78 °	57 ´	46 " W		3	INAMHI	6/10/1976	
H470	SAN ANTONIO DJ QDA.YURACYACU	LM	160	2 °	25 ´	35 " S	78 °	52 ´	15 " W		3	INAMHI	6/10/1976	6/10/1976
H468	SAN PEDRO EN INGAPIRCA	LG	160	2 °	33 ´	55 " S	78 °	52 ´	27 " W	2970	3	INAMHI	12/1/1975	
H466	SILANTE EN INGAPIRCA	LM	160	2 °	31 ´	38 " S	78 °	51 ´	45 " W		3	INAMHI	1/1/1976	
H467	VENDELECHE EN HDA.LA CURIA	LG	160	2 °	34 ´	55 " S	78 °	52 ´	12 " W	3020	3	INAMHI	12/1/1975	
H475	YANACACHI AJ CANNAR	LM	160	2 °	27 ´	30 " S	79 °	0 ´	56 " W		3	INAMHI	4/1/1979	
CUENCA DEL RÍO BALAO														
H501	BALAO CHICO EN P.CARRETERA	LM	170	°	´	" S	°	´	" W		9	INERHI	10/6/1979	
H523	BALAO EN HDA.EL RECREO	LM	170	°	´	" S	°	´	" W		9	INERHI		
H510	BALAO EN PTE.CARRETERA	LM	170	2 °	55 ´	40 " S	79 °	42 ´	34 " W		9	INERHI	2/1/1972	
H507	BONITO EN PTE.CARRETERA(AJ PAGUA)	LM	170	3 °	6 ´	13 " S	79 °	45 ´	52 " W	30	7	INAMHI	7/1/1965	
H511	BUCA Y EN PTE.CARRETERA	LM	170	2 °	41 ´	33 " S	79 °	38 ´	24 " W		9	INERHI	2/1/1972	
H521	CANAL HDA.BALAO CHICO	LM	170	°	´	" S	°	´	" W		9	INERHI		
H513	CANAL SOLEDAD	LM	170	2 °	48 ´	0 " S	79 °	40 ´	0 " W		9	INERHI	2/1/1972	
H517	CHACAYACU EN PTE.CARRETERA	LM	170	2 °	38 ´	3 " S	79 °	36 ´	37 " W		9	INERHI	2/1/1972	
H508	CHAGUANA EN PTE.CARRETERA	LM	170	3 °	12 ´	18 " S	79 °	47 ´	22 " W	5	7	INAMHI	5/1/1972	
H502	GALA EN SAN RAFAEL	LM	170	2 °	57 ´	54 " S	79 °	46 ´	11 " W	12	9	INAMHI	8/1/1965	
H512	GALA NORTE EN PTE.CARRETERA	LM	170	2 °	58 ´	26 " S	79 °	42 ´	50 " W		9	INERHI	2/1/1972	
H515	GALA SUR EN PTE.CARRETERA	LM	170	2 °	58 ´	41 " S	79 °	42 ´	50 " W		9	INERHI	2/1/1972	
H520	JAGUA EN HDA.EL MIRADOR	LM	170	°	´	" S	°	´	" W		9	INERHI		
H522	JAGUA EN PTE.CARRETERA	LM	170	°	´	" S	°	´	" W		9	INERHI		
H506	PAGUA AJ BONITO(AJ SIETE)	LM	170	3 °	4 ´	20 " S	79 °	46 ´	18 " W	30	7	INAMHI	8/1/1965	
H505	PAGUA EN PTE.CARRETERA	LM	170	3 °	4 ´	55 " S	79 °	45 ´	26 " W	13	7	INAMHI	9/1/1971	9/1/1971
H518	SAN PABLO EN PTE.CARRETERA	LM	170	2 °	43 ´	8 " S	79 °	41 ´	0 " W		9	INERHI	2/1/1972	
H509	SIETE AJ PAGUA	LM	170	3 °	4 ´	6 " S	79 °	45 ´	0 " W	30	7	INAMHI	9/1/1965	9/1/1965
H504	SIETE EN PTE.CARRETERA	LM	170	3 °	4 ´	20 " S	79 °	45 ´	6 " W	13	7	INAMHI	5/1/1971	5/1/1971
H514	SOLEDAD EN PTE.CARRETERA	LM	170	2 °	48 ´	45 " S	79 °	42 ´	30 " W		9	INERHI	2/1/1972	
H516	TENGUEL EN PTE.CARRETERA	LM	170	3 °	0 ´	22 " S	79 °	43 ´	54 " W		9	INERHI	2/1/1972	
H503	TENGUEL EN TENGUEL	LM	170	2 °	59 ´	26 " S	79 °	47 ´	13 " W	10	9	INAMHI	8/1/1965	
H519	ZAPOTE EN PTE.CARRETERA	LM	170	3 °	7 ´	49 " S	79 °	48 ´	37 " W	7	7	INERHI		
CUENCA DEL RÍO JUBONES														
H543	BURRO AJ S.GREGORIO	LM	180	3 °	14 ´	39 " S	79 °	10 ´	34 " W	2280	1	INERHI	1/1/1975	
H538	CALUGURO EN EST.DURAN	LM	180	3 °	30 ´	30 " S	79 °	30 ´	53 " W	35	7	INERHI		
H532	CANAL CERRITOS	LM	180	3 °	19 ´	10 " S	79 °	45 ´	40 " W	50	7	INAMHI	8/1/1963	
H539	CANAL GUABO BARBONES	LM	180	3 °	12 ´	0 " S	79 °	54 ´	29 " W	60	7	INAMHI		
H535	CANAL PEREZ(R.JUBONES)	LM	180	°	´	" S	°	´	" W	60	7	INAMHI	8/1/1963	8/1/1963
H536	CANAL VALLE(R.JUBONES)	LM	180	°	´	" S	°	´	" W		7	INAMHI	8/1/1963	8/1/1963
H531	CASACAY AJ JUBONES	LM	180	3 °	19 ´	32 " S	79 °	43 ´	24 " W	110	7	INAMHI	8/1/1972	
H541	CURIACU EN PTE.CARRETERA	LM	180	3 °	33 ´	22 " S	79 °	22 ´	14 " W	2780	11	INERHI	10/5/1982	
H528	JUBONES DJ MINAS	LM	180	3 °	20 ´	35 " S	79 °	22 ´	48 " W	908	7	INAMHI	11/1/1973	
H529	JUBONES DJ S.FRANCISCO	LG	180	3 °	18 ´	29 " S	79 °	30 ´	18 " W	680	1	INAMHI	1/1/1964	
H537	JUBONES EN PASAJE	LG	180	3 °	18 ´	31 " S	79 °	45 ´	54 " W	15	7	INAMHI	9/1/1963	9/1/1963
H533	JUBONES EN PTE.IBERIA	LM	180	3 °	15 ´	15 " S	79 °	52 ´	9 " W	12	7	INAMHI	9/1/1971	
H530	JUBONES EN USHCURRUMI	LM	180	3 °	19 ´	11 " S	79 °	35 ´	55 " W	230	1	INAMHI	9/1/1958	
H527	LEON EN PTE.CARRETERA	LG	180	3 °	25 ´	5 " S	79 °	9 ´	34 " W	2020	1	INAMHI	10/1/1962	
H542	LLACO EN PTE.JARA RENTA	LM	180	3 °	37 ´	4 " S	79 °	17 ´	26 " W	2460	11	INERHI	11/15/1981	
HA42	LLACO JARATENTA	LM	180	3 °	37 ´	4 " S	79 °	17 ´	26 " W		11	PREDESUR		
H546	MINAS EN P.CARRETERA	LM	180	3 °	16 ´	32 " S	79 °	22 ´	0 " W	1500	1	INECEL	2/1/1979	
H545	NARANJOS AJ JUBONES	LM	180	3 °	15 ´	38 " S	79 °	17 ´	30 " W	1420	1	INERHI	2/1/1979	
H526	PAQUISHAPA EN PTE.CARRETERA	LM	180	3 °	36 ´	52 " S	79 °	12 ´	35 " W	2390	11	INAMHI	9/1/1963	
H547	RIRCA Y EN P.ALTO SALTANA	LG	180	3 °	15 ´	30 " S	79 °	13 ´	32 " W		1	INAMHI	9/1/1987	
H540	RIRCA Y EN SULUPALI(GIRON)	LG	180	3 °	17 ´	18 " S	79 °	15 ´	57 " W	1110	1	INAMHI	8/1/1965	8/1/1965
H544	SAN FRANCISCO	LM	180	3 °	14 ´	21 " S	79 °	26 ´	4 " W	2000	1	INERHI		
H534	SAN FRANCISCO AJ JUBONES	LG	180	3 °	18 ´	49 " S	79 °	28 ´	37 " W	740	1	INAMHI	1/1/1965	1/1/1965
CUENCA DEL RÍO ARENILLAS														
H574	ARENILLAS EN ARENILLAS	LM	190	3 °	34 ´	16 " S	80 °	2 ´	47 " W	60	7	INAMHI	10/1/1963	
H575	ARENILLAS EN STA.MARIANITA	LG	190	3 °	33 ´	53 " S	80 °	2 ´	34 " W		7	INERHI	12/20/1978	
H572	CALUGURO ABT CANAL DE RIEGO	LM	190	3 °	30 ´	47 " S	79 °	52 ´	43 " W	55	7	INAMHI	9/1/1971	
H576	MOTUCHE EN PTE.CARRETERA	LM	190	3 °	21 ´	5 " S	79 °	53 ´	13 " W	9	7	INERHI		
H571	RASPA EN ASERRIO(BUENA VISTA)	LM	190	3 °	23 ´	47 " S	79 °	47 ´	55 " W	80	7	INAMHI	5/1/1972	
H573	SANTA ROSA EN EL VADO	LM	190	3 °	33 ´	45 " S	79 °	56 ´	35 " W	80	7	INAMHI	4/1/1971	
CUENCA DEL RÍO PUYANGO														
H588	AMARILLO EN PORTOVELO	LM	200	3 °	42 ´	44 " S	79 °	36 ´	45 " W	660	7	INAMHI	10/1/1963	
H593	AMBOCAS AJ SAN LUIS	LM	200	°	´	" S	°	´	" W		11	INAMHI	1/1/1984	
H586	CALERA AJ AMARILLO	LG	200	3 °	40 ´	40 " S	79 °	38 ´	37 " W	680	7	INAMHI	10/1/1963	
H590	MARCABELI AJ PUYANGO	LM	200	3 °	48 ´	37 " S	79 °	55 ´	55 " W	450	7	INAMHI	10/1/1977	
H592	MOROMORO EN MOROMORO	LM	200	3 °	41 ´	18 " S	79 °	44 ´	27 " W	800	7	INAMHI	12/1/1984	
H587	PINDO AJ AMARILLO	LG	200	3 °	45 ´	43 " S	79 °	38 ´	8 " W	563	7	INAMHI	10/1/1963	
H589	PUYANGO AJ MARCABELI	LG	200	3 °	49 ´	27 " S	79 °	55 ´	47 " W	360	7	INAMHI	9/5/1978	
H591	PUYANGO EN CPTO.MILITAR (PTE.CARRETERA)	LG	200	3 °	53 ´	0 " S	80 °	4 ´	47 " W	300	7	INAMHI	1/1/1965	
H594	YAGUACHI AJ PUYANGO	LM	200	°	´	" S	°	´	" W		7	PREDESUR		
CUENCA DEL RÍO CATAMAYO														
H618	ALAMOR AJ Q.PILARES(AJ CHIRA)	LM	210	4 °	27 ´	30 " S	80 °	25 ´	0 " W		11	INAMHI	12/1/1975	12/1/1975
H625	ALAMOR EN PTE.MERCADILLO	LG	210	4 °	1 ´	16 " S	79 °	58 ´	34 " W	1080	11	INAMHI	10/1/1966	
H616	ALAMOR EN SAUCILLO(DJ CELICA)	LG	210	4 °	15 ´	50 " S	80 °	11 ´	53 " W	299	11	INAMHI	1/1/1965	
H617	ARENAL EN PTE.BOQUERON	LG	210	4 °	3 ´	16 " S	79 °	22 ´	25 " W	1390	11	INAMHI	8/1/1963	
H643	CAMPANA EN YAMBA	LM	210	4 °	9 ´	5 " S	79 °	11 ´	39 " W	1720	11	INERHI	4/1/1981	
HA2U	CAMPANA-MALACATOS	LG	210	4 °	9 ´	42 " S	79 °	12 ´	2 " W	1678	11	INAMHI		
H619	CANAL ARENAL	LM	210	4 °	3 ´	16 " S	79 °	22 ´	25 " W	1390	11	INAMHI	8/1/1963	
H645	CAPAMACO EN VILCABAMBA	LM	210	4 °	16 ´	42 " S	79 °	10 ´	3 " W	1635	11	INERHI	10/31/1980	

INVENTARIO DE ESTACIONES HIDROLÓGICAS SUPERFICIALES

CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS	GG	MM	SS					
H628	CATAMAYO DJ GUAYABAL	LG	210	4 °	0 ´	14 " S	79 °	24 ´	39 " W	1120	11	INAMHI	1/1/1980	8/1/1974
H633	CATAMAYO EN LUCARQUI	LM	210	°	´	" S	°	´	" W		11	INAMHI	8/1/1974	
HB32	CATAMAYO EN PTE. VICIN	LM	210	4 °	3 ´	9 " S	79 °	22 ´	8 " W		11	INAMHI	12/5/2001	
H620	CATAMAYO EN PTE.SANTA ROSA	LG	210	4 °	9 ´	24 " S	79 °	51 ´	32 " W	640	11	INAMHI	5/1/1975	5/1/1974
H636	CATAMAYO EN ZAPOTILLO	LM	210	4 °	21 ´	32 " S	80 °	14 ´	19 " W	200	11	INAMHI	5/1/1974	
HA2R	CHIRIYACU	LG	210	4 °	24 ´	16 " S	79 °	24 ´	19 " W	1245	11	INAMHI		
H647	CHIRIYACU EN BOCATOMA	LM	210	4 °	23 ´	53 " S	79 °	24 ´	13 " W	1248	11	INERHI	1/1/1981	11/1/1964
HA39	CHUQUIRIBAMBA	LM	210	3 °	51 ´	1 " S	79 °	20 ´	0 " S		11	PREDESUR		
H637	CHUQUIRIBAMBA EN PORDEL	LM	210	3 °	51 ´	1 " S	79 °	20 ´	0 " W	2480	11	INERHI	1/1/1981	
H640	CURITROJE EN DOS PUENTES	LM	210	4 °	4 ´	36 " S	79 °	11 ´	37 " W	2250	11	INERHI	10/31/1980	10/1/1964
HA2T	GUAPALAS	LM	210	4 °	2 ´	0 " S	79 °	59 ´	59 " W	906	11	INAMHI		
H634	GUAYABAL D.DESC.MONTERREY	LM	210	3 °	57 ´	21 " S	79 °	23 ´	16 " W	1240	11	INAMHI	11/1/1964	
H631	GUAYABAL EN PERIQUERA	LM	210	3 °	57 ´	16 " S	79 °	23 ´	15 " W	1390	11	INERHI	2/1/1981	10/1/1964
H621	JORUPE EN AMALUZA	LM	210	4 °	34 ´	41 " S	79 °	25 ´	26 " W	1655	11	INAMHI	3/1/1976	
HB34	LA CAPILLA EN PUENTE CARRETERO	LM	210	4 °	24 ´	2 " S	79 °	28 ´	11 " W	1150	11	PREDESUR	1/11/2004	
H641	LA MONICA EN DOS PUENTES	LM	210	4 °	4 ´	32 " S	79 °	11 ´	41 " W	2250	11	INERHI	1/1/1981	10/1/1964
H626	MACARA EN PTE.INTERNACIONAL	LG	210	4 °	23 ´	17 " S	79 °	57 ´	34 " W	435	11	INAMHI	2/1/1973	
H622	MALACATUS EN MALACATUS	LM	210	4 °	13 ´	0 " S	79 °	15 ´	16 " W	1657	11	INAMHI	10/1/1964	
HA2W	MANZANAMACA BT. QUINA	LM	210	4 °	15 ´	5 " S	79 °	11 ´	51 " W	1663	11	INAMHI		11/15/1980
H639	MATALANGA EN GUAPALAS	LM	210	4 °	1 ´	39 " S	80 °	0 ´	12 " W	910	11	INERHI	11/15/1980	
H646	MAZANAMACA EN QUINARA	LM	210	4 °	19 ´	23 " S	79 °	23 ´	6 " W	1678	11	INERHI	5/1/1982	
HA2V	MOYOCOCHA	LG	210	4 °	18 ´	1 " S	79 °	16 ´	16 " W	1455	11	INAMHI		1/11/2004
HB35	PINDO EN PUENTE CARRETERO	LM	210	4 °	24 ´	8 " S	79 °	26 ´	22 " W	1306	11	PREDESUR	1/11/2004	
HA40	PORDEL	LM	210	3 °	50 ´	2 " S	79 °	19 ´	40 " W		11	PREDESUR		
H638	PORDEL EN PORDEL	LM	210	3 °	50 ´	2 " S	79 °	19 ´	40 " W	2480	11	INERHI	1/1/1981	2/1/1973
H623	QDA.ALMENDRAL	LM	210	4 °	2 ´	21 " S	79 °	47 ´	2 " W	960	11	INAMHI	2/1/1973	
H630	QDA.TONGULA	LM	210	4 °	12 ´	35 " S	79 °	51 ´	58 " W	630	11	INAMHI	3/1/1972	
H635	QDA.TRAPICHILLO EN LA TOMA	LM	210	3 °	58 ´	34 " S	79 °	21 ´	53 " W	1230	11	INAMHI	1/1/1976	2/1/1981
H642	SAN AGUSTIN EN LA ERA	LM	210	4 °	7 ´	41 " S	79 °	17 ´	37 " W	1640	11	INERHI	2/1/1981	
H632	TRAPICHILLO EN CATAMAYO	LM	210	3 °	57 ´	59 " S	79 °	21 ´	16 " W	1325	11	INERHI	2/1/1982	
H627	UCHIMA AJ CHAMBA	LM	210	4 °	13 ´	49 " S	79 °	12 ´	13 " W	1544	11	INAMHI	12/1/1966	5/1/1975
HA2S	VICIN	LG	210	4 °	16 ´	34 " S	80 °	6 ´	25 " W	311	11	INAMHI		
H624	VILCABAMBA EN HDA.SANTORUM	LM	210	4 °	14 ´	39 " S	79 °	17 ´	5 " W	1440	11	INAMHI	5/1/1975	
H629	VILCABAMBA EN PTE.CARRETERA	LM	210	4 °	14 ´	50 " S	79 °	13 ´	25 " W		11	INAMHI	6/1/1981	6/1/1981
HA2X	YAMBALA	LM	210	4 °	16 ´	25 " S	79 °	12 ´	1 " W	1596	11	INAMHI		
H644	YAMBALA EN VILCABAMBA	LM	210	4 °	15 ´	57 " S	79 °	10 ´	48 " W	1620	11	INERHI	5/1/1985	

CUENCA DEL RIO AGUARICO

H681	AGUARICO DJ DUE	LG	230	0 °	3 ´	57 " N	77 °	20 ´	5 " W		15	INAMHI	4/20/1979	4/20/1979
H680	CHINGUAL EN CHINGUAL	LM	230	0 °	28 ´	0 " N	77 °	37 ´	0 " W		15	INAMHI	10/1/1972	10/1/1972
H682	DUE AJ AGUARICO	LG	230	0 °	1 ´	40 " N	77 °	23 ´	15 " W		15	INAMHI	1/29/1979	
H683	LUMBAQUI EN LUMBAQUI(DJ AGUARICO)	LM	230	0 °	3 ´	3 " N	77 °	18 ´	24 " W		15	INAMHI	10/1/1978	

CUENCA DEL RIO NAPO

H756	ANTIZANA A LAG.MICACOCHA	LM	240	°	´	" N	°	´	" W		15	INAMHI	5/1/1960	5/1/1960
H711	ARTURO AJ AZUELA	LG	240	0 °	5 ´	51 " N	77 °	56 ´	30 " W	3325	17	INAMHI	4/1/1974	4/1/1974
H712	AZUELA AJ SAN PEDRO	LG	240	0 °	7 ´	0 " N	77 °	57 ´	40 " W	3417	17	INERHI	4/1/1974	
H732	BOMBON AJ QUIJOS	LG	240	0 °	19 ´	0 " N	77 °	5 ´	2 " W	1400	15	INAMHI	4/4/1978	
H730	BOQUERON AJ AZUELA	LM	240	0 °	6 ´	5 " N	77 °	57 ´	2 " W	3373	17	INERHI	4/1/1974	4/1/1974
H723	BORJA AJ QUIJOS	LG	240	0 °	25 ´	35 " S	77 °	48 ´	48 " W	1620	15	INAMHI	3/1/1972	
H710	CHALUPAS EN CHALUPAS(AJ HUAHUI)	LG	240	0 °	50 ´	23 " S	78 °	16 ´	43 " W	3570	15	INERHI	12/1/1972	
H743	COCA AJ MACHACUYACU	LM	240	°	´	" S	°	´	" W		15	INAMHI		
H726	COCA AJ MALO(DJ SALADO)	LG	240	0 °	8 ´	35 " S	77 °	36 ´	16 " W	1250	15	INAMHI	9/1/1975	
H735	COCA EN CODO SINCLAIR	LG	240	0 °	1 ´	0 " S	77 °	20 ´	0 " W		15	INAMHI	3/25/1980	
H717	COCA EN LA GABARRA	LM	240	0 °	5 ´	6 " S	77 °	34 ´	0 " W		15	INAMHI	11/21/1978	
H740	COCA EN PRESA MALO	LM	240	°	´	" S	°	´	" W	4055	15	INAMHI		
H739	COCA EN PRESA SALADO	LM	240	°	´	" S	°	´	" W	1265	15	INAMHI		
H714	COCA EN SAN RAFAEL	LG	240	0 °	6 ´	5 " S	77 °	34 ´	32 " W	1160	15	INAMHI	11/1/1972	
H742	COCA EN SECCION 2	LM	240	°	´	" S	°	´	" W		15	INECEL		
H731	COSANGA AJ QUIJOS	LG	240	0 °	29 ´	30 " S	77 °	51 ´	50 " W	1740	15	INAMHI	11/1/1970	
H725	EL GOLPE EN AUCACOCHA	LG	240	1 °	7 ´	50 " S	78 °	18 ´	24 " W	3440	18	INAMHI	1/1/1967	
HB25	FRANCISCO DE ORELLANA	LM	240	0 °	26 ´	28 " S	76 °	59 ´	21 " W	330	22	INAMHI	1/1/2004	
H721	JATUNYACU DJ ILOCULIN	LG	240	1 °	5 ´	0 " S	77 °	54 ´	20 " W	570	15	INAMHI	8/1/1966	
H758	LLANDIA EN KM.25 VIA NAPO	LG	240	°	´	" S	°	´	" W		15	INAMHI	1/1/1966	1/1/1966
H716	MALO AJ COCA	LM	240	0 °	7 ´	25 " S	77 °	36 ´	22 " W	1250	15	INAMHI	1/1/1979	
H720	MISAHUALLI EN COTUNDO	LG	240	0 °	50 ´	30 " S	77 °	47 ´	4 " W	800	15	INAMHI	1/1/1971	
H734	MULATOS AJ VERDEYACU	LG	240	1 °	3 ´	0 " S	78 °	3 ´	0 " W		15	INAMHI	6/22/1980	
HB23	NUEVA LOJA	LM	240	0 °	2 ´	38 " N	76 °	48 ´	29 " W	290	21	INAMHI	11/14/2001	
HB26	NUEVO ROCAFUERTE	LG	240	0 °	55 ´	0 " S	75 °	23 ´	46 " W	180	22	INAMHI	1/1/2004	
H729	OYACACHI AJ QUIJOS	LG	240	0 °	18 ´	16 " S	77 °	48 ´	30 " W	1520	15	INAMHI	6/1/1972	
HA2Q	PUERTO FRANCISCO DE ORELLANA	LM	240	0 °	27 ´	0 " S	76 °	56 ´	0 " W	298	15	ARMADA	9/1/1996	
H715	QUIJOS AJ BOMBON	LG	240	0 °	17 ´	3 " S	77 °	44 ´	5 " W	1380	15	INAMHI	7/17/1978	
H733	QUIJOS AJ BORJA	LG	240	0 °	25 ´	3 " S	77 °	49 ´	0 " W	1635	15	INAMHI	4/3/1978	
HA2F	QUIJOS D.J. PAPALLACTA	LM	240	0 °	22 ´	5 " S	78 °	9 ´	0 " W		15	INECEL		
H719	QUIJOS DJ OYACACHI	LG	240	0 °	18 ´	10 " S	77 °	46 ´	30 " W	1490	15	INAMHI	5/1/1965	
H736	QUIJOS DJ SALADO	LM	240	0 °	7 ´	40 " S	77 °	36 ´	0 " W	1100	15	INAMHI		
H718	QUIJOS EN BAEZA	LG	240	0 °	27 ´	16 " S	77 °	53 ´	11 " W	1770	15	INAMHI	6/1/1964	
H741	QUIJOS EN PRESA BALSAS	LM	240	°	´	" S	°	´	" W	1385	15	INAMHI		
H737	QUIJOS EN PRESA BORJA	LM	240	°	´	" S	°	´	" W	1635	15	INAMHI		
H738	QUIJOS EN PRESA CHACO	LM	240	°	´	" S	°	´	" W	1475	15	INAMHI		
HB22	RIO COCA EN COCA	LM	240	0 °	25 ´	10 " S	76 °	59 ´	0 " W		0	INAMHI		
H728	SALADO AJ COCA(AJ GUAYTARINGO)	LG	240	0 °	9 ´	10 " S	77 °	39 ´	48 " W	1480	15	INAMHI	9/1/1975	9/1/1975
H713	SAN PEDRO AJ AZUELA	LM	240	0 °	6 ´	21 " N	77 °	57 ´	37 " W	3468	17	INERHI	4/1/1974	
HB24	SAN SEBASTIAN	LM	240	0 °	20 ´	23 " S	77 °	0 ´	19 " W	320	22	INAMHI	11/8/2002	
H727	SANTA ROSA AJ QUIJOS	LG	240	0 °	18 ´	27 " S	77 °	46 ´	48 " W	1420	15	INAMHI	8/15/1972	
H724	SARDINAS AJ QUIJOS	LG	240	0 °	22 ´	11 " S	77 °	48 ´	7 " W	1195	15	INAMHI	3/1/1972	
H759	VERDEYACU AJ MULATOS	LG	240	1 °	2 ´	0 " S	78 °	1 ´	0 " W		15	INAMHI	4/27/1982	
HA1Z	VTE.CHIRIMICHAY 1 EN COTOPAXI	LM	240	0 °	42 ´	0 " S	78 °	23 ´	0 " W	2685	15	INERHI	5/1/1975	
HA21	VTE.CHIRIMICHAY 2 EN COTOPAXI	LM	240	0 °	42 ´	0 " S	78 °	23 ´	0 " W	3570	15	INERHI	5/1/1975	
HA22	VTE.CHIRIMICHAY 3 EN COTOPAXI	LM	240	0 °	42 ´	0 " S	78 °	22 ´	0 " W	3495	15	INERHI	5/1/1975	
H722	YANAHURCO DJ VALLE	LG	240	0 °	41 ´	30 " S	78 °	16 ´	52 " W	3590	15	INAMHI	9/1/1964	

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CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS	GG	MM	SS					
CUENCA DEL RÍO PASTAZA														
HA0F	AC.ALUMBRE HUAYCO #1 SA.CALLO	LM	260	0 °	46 ´	0 " S	78 °	35 ´	0 " W	2750	5	INERHI	12/1/1971	11/22/1971
HA0I	AC.ALUMBRE HUAYCO #2 SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2740	5	INERHI	11/22/1971	
HA0J	AC.ALUMBRE HUAYCO #3 SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2730	5	INERHI	11/22/1971	
HA0K	AC.ALUMBRE HUAYCO #4 SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2715	5	INERHI	12/1/1971	
HA0W	AC.BAJA FERNANDEZ EN EL GALPON	LM	260	1 °	13 ´	25 " S	78 °	39 ´	27 " W	3170	18	INERHI	4/1/1984	
HA1J	AC.BELLAVISTA EN BELLAVISTA	LM	260	0 °	53 ´	0 " S	78 °	36 ´	0 " W	2680	5	INERHI	11/27/1971	
HA2A	AC.BUCHELI PALLATANGA(S.JUAN)	LM	260	°	´	"	°	´	"		18	INERHI	12/1/1968	
HA1U	AC.BUENAVENTURA AJ S.SILVESTRE	LM	260	0 °	53 ´	24 " S	78 °	36 ´	44 " W		5	INERHI	3/1/1972	
HA16	AC.CASIMIRO PAZMINNO	LM	260	1 °	26 ´	8 " S	78 °	48 ´	46 " W		6	INERHI	5/1/1981	
HA0X	AC.CHACON SEVILLA EN EL SUENNO	LM	260	1 °	15 ´	9 " S	78 °	38 ´	53 " W	2650	18	INERHI	5/1/1973	
HA0V	AC.CHACON VASCONEZ EN GALPON	LM	260	1 °	12 ´	51 " S	78 °	42 ´	0 " W	3340	18	INERHI	4/1/1984	
HA13	AC.CHIMBORAZO	LM	260	1 °	26 ´	31 " S	78 °	48 ´	32 " W		6	INERHI	1/1/1983	
HA0C	AC.CHIMBORAZO #1 SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2880	5	INERHI	11/22/1971	
HA0E	AC.CHIMBORAZO #2 SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2835	5	INERHI	11/22/1971	
HA1R	AC.CHIMBORAZO #3	LM	260	0 °	43 ´	31 " S	78 °	35 ´	9 " W		5	INERHI	11/1/1978	
HA0H	AC.CUTUCHI EN SAN RAFAEL	LM	260	0 °	44 ´	0 " S	78 °	36 ´	0 " W	2820	5	INERHI	11/1/1971	
HA0Y	AC.DARQUEA TILULUN	LM	260	1 °	15 ´	7 " S	78 °	38 ´	53 " W	2660	18	INERHI	5/1/1973	
HA0B	AC.DE LA LUZ EN SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2985	5	INERHI	11/22/1971	
HA0A	AC.DEL PARAMO EN CTO.COLCAS	LM	260	°	´	0 " S	78 °	32 ´	0 " W	3150	5	INERHI	5/7/1974	
HA1P	AC.DEL PUEBLO PATATE	LM	260	°	´	"	°	´	"		18	INERHI	5/1/1973	
HA0D	AC.DEL SIFON EN SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2970	5	INERHI	3/15/1972	
HA1K	AC.EL CASPI EN CASPI(RINCONADA)	LM	260	0 °	43 ´	0 " S	78 °	34 ´	0 " W	2990	5	INERHI	2/1/1985	
HA1Q	AC.EL SIFON GRANDE	LM	260	0 °	43 ´	30 " S	78 °	35 ´	9 " W		5	INERHI	11/1/1971	
HA1B	AC.FINLANDIA EN J.GUANGO	LM	260	0 °	47 ´	0 " S	78 °	35 ´	0 " W	2750	5	INERHI	11/22/1971	
HA1H	AC.HIERBA BUENA EN J.GUANGO	LM	260	0 °	49 ´	0 " S	78 °	36 ´	0 " W	2743	5	INERHI	11/27/1971	
HA19	AC.JUAN MONTALVO CA MULALO	LM	260	0 °	46 ´	0 " S	78 °	35 ´	0 " W	2730	5	INERHI	11/27/1971	
HA1W	AC.JULIO MOLINA TQ.AG.PTBL.	LM	260	0 °	54 ´	0 " S	78 °	36 ´	0 " W	2610	5	INERHI	11/21/1971	
HA1I	AC.LA AVELINA EN P.COLORADA	LM	260	0 °	48 ´	0 " S	78 °	36 ´	0 " W	2740	5	INERHI	11/27/1971	
HA0G	AC.LA CIENEGA EN LASSO	LM	260	0 °	44 ´	0 " S	78 °	36 ´	0 " W	2825	5	INERHI	11/22/1971	
HA29	AC.LA RINCONADA	LM	260	0 °	41 ´	54 " S	78 °	33 ´	43 " W		5	INERHI	4/1/1978	
HA0O	AC.MANCHENO EN P.DIAMANTE	LM	260	0 °	44 ´	0 " S	78 °	33 ´	0 " W	2910	5	INERHI	11/17/1971	
HA1E	AC.MARCELO COBO EN J.GUANGO	LM	260	0 °	48 ´	0 " S	78 °	36 ´	0 " W	2690	5	INERHI	11/27/1971	
HA1A	AC.MARCELO COBO EN J.GUANGO	LM	260	0 °	47 ´	0 " S	78 °	35 ´	0 " W	2780	5	INERHI	11/17/1971	
HA2B	AC.MOCHA QUERO PELILEO(YAYULIQUI)	LM	260	°	´	"	°	´	"		18	INERHI	4/1/1969	
HA15	AC.MOCHA TISALEO CEVALLOS	LM	260	1 °	24 ´	40 " S	78 °	41 ´	0 " W	3460	18	INERHI	9/1/1975	
HA14	AC.OLALLA #1	LM	260	1 °	24 ´	22 " S	78 °	41 ´	18 " W	3560	18	INERHI	9/1/1975	
HA11	AC.OLALLA #2	LM	260	1 °	25 ´	8 " S	78 °	40 ´	5 " W	3240	18	INERHI	8/1/1975	
HA10	AC.PACHANLICA	LM	260	1 °	20 ´	11 " S	78 °	35 ´	19 " W		18	INERHI	3/1/1983	
HA12	AC.PINGUILI	LM	260	1 °	24 ´	57 " S	78 °	40 ´	5 " W	3235	18	INERHI	8/27/1975	
HA0U	AC.PLTA.ELEC.LA AVELINA	LM	260	0 °	48 ´	0 " S	78 °	37 ´	0 " W	2745	5	INERHI	11/27/1971	
HA1T	AC.QUISINCHE	LM	260	0 °	47 ´	46 " S	78 °	35 ´	32 " W		5	INERHI	11/1/1971	
HA0S	AC.RAMIRO ESPINOZA CA MULALO	LM	260	0 °	47 ´	0 " S	78 °	36 ´	0 " W	2695	5	INERHI	11/1/1971	
HA17	AC.RAMIRO ESPINOZA CA MULALO	LM	260	0 °	47 ´	0 " S	78 °	36 ´	0 " W	2735	5	INERHI	11/27/1971	
HA0N	AC.RAMOS EN LASSO	LM	260	0 °	45 ´	0 " S	78 °	36 ´	0 " W	2823	5	INERHI	11/22/1971	
HA0M	AC.RESERVORIO DR EN SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2785	5	INERHI	3/15/1972	
HA0L	AC.RESERVORIO IZ EN SA.CALLO	LM	260	0 °	43 ´	0 " S	78 °	35 ´	0 " W	2780	5	INERHI	3/15/1972	
HA1V	AC.ROJAS EN LATACUNGA	LM	260	0 °	57 ´	0 " S	78 °	36 ´	0 " W	2595	5	INERHI	11/22/1971	
HA1X	AC.SAN BUENAVENTURA EN BELLAVISTA	LM	260	0 °	53 ´	0 " S	78 °	36 ´	0 " W	2680	5	INERHI	3/22/1972	
HA0P	AC.SAN ELIAS EN H.LA DOLOROSA	LM	260	0 °	45 ´	0 " S	78 °	33 ´	0 " W	2970	5	INERHI	1/11/1972	
HA1G	AC.SAN JOSE EN J.GUANGO	LM	260	0 °	49 ´	0 " S	78 °	35 ´	0 " W	2740	5	INERHI	11/27/1971	
HA0Z	AC.SAN JOSE O VINNA BAJA	LM	260	1 °	14 ´	6 " S	78 °	32 ´	54 " W	2360	18	INERHI	2/1/1969	
HA1C	AC.SAN JUAN EN J.GUANGO	LM	260	0 °	47 ´	0 " S	78 °	35 ´	0 " W	2635	5	INERHI	11/1/1971	
HA0T	AC.TILIPULO EN INDLUAC	LM	260	0 °	47 ´	0 " S	78 °	37 ´	0 " W	2770	5	INERHI	11/27/1971	
HA0Q	AC.TOMAS MALDONADO-F.ARM COPAXI	LM	260	0 °	47 ´	0 " S	78 °	36 ´	0 " W	2750	5	INERHI	1/1/1972	
HA0R	AC.VALDIVIEZO CA MULALO	LM	260	0 °	47 ´	0 " S	78 °	36 ´	0 " W	2775	5	INERHI	11/27/1971	
HA1D	AC.YEROVI EN J.GUANGO	LM	260	0 °	49 ´	0 " S	78 °	35 ´	0 " W	2650	5	INERHI	11/22/1971	
H953	ACCHI EN PARAMO ACCHI	LM	260	0 °	51 ´	18 " S	78 °	46 ´	45 " W	3620	5	INERHI	1/1/1975	
HA23	AGUAS SERVIDAS DE LATACUNGA	LM	260	0 °	56 ´	9 " S	78 °	36 ´	53 " W		5	INERHI	1/1/1979	
H787	ALAO EN HDA.ALAO	LG	260	1 °	52 ´	11 " S	78 °	30 ´	40 " W	3200	6	INAMHI	12/1/1963	
H773	ALAUQUEZ AJ CUTUCHI(COL.S.RODR)	LM	260	0 °	54 ´	53 " S	78 °	37 ´	22 " W	2700	5	INERHI	11/1/1971	
H947	ALAUQUEZ DJ BARRANCAS TOLUGCHE	LM	260	0 °	49 ´	45 " S	78 °	32 ´	57 " W	3205	5	INERHI	7/1/1973	
H874	ALAUQUEZ EN P.CHILLOS(H.COLAYA)	LM	260	0 °	51 ´	3 " S	78 °	35 ´	14 " W	3010	5	INERHI	4/1/1973	
H863	ALAUQUEZ EN PUENTE(LAIGUA)	LM	260	0 °	51 ´	38 " S	78 °	36 ´	21 " W		5	INERHI	2/4/1976	
HA1L	ALCANTARILLA DE AMBATO	LM	260	1 °	13 ´	37 " S	78 °	37 ´	10 " W		18	INERHI	6/1/1976	
H801	AMBATO EN AMBATO	LG	260	1 °	15 ´	32 " S	78 °	39 ´	46 " W	2680	18	INAMHI	11/1/1963	
H779	AMBATO EN EL SOCABON	LM	260	1 °	13 ´	29 " S	78 °	37 ´	2 " W		18	INERHI	8/1/1976	
H780	AMBATO EN LA PENINSULA	LM	260	1 °	14 ´	48 " S	78 °	35 ´	57 " W		18	INERHI	6/9/1976	
H860	AMBATO EN MARCOPAMBA	LM	260	1 °	16 ´	2 " S	78 °	44 ´	32 " W	2960	18	INERHI	11/19/1976	
H791	BALSACON EN SAN ANDRES	LM	260	1 °	34 ´	15 " S	78 °	43 ´	14 " W	3000	6	INAMHI	11/1/1962	
H946	BARRANCAS EN H.TOLUGCHE	LM	260	0 °	49 ´	27 " S	78 °	32 ´	45 " W	3195	5	INERHI	1/1/1975	
H862	BLANCO AJ COLLANES	LG	260	1 °	39 ´	32 " S	78 °	29 ´	55 " W	3180	6	INERHI	9/22/1984	
H782	BLANCO AJ PUMACUNCHI	LM	260	0 °	44 ´	52 " S	78 °	42 ´	10 " W	3360	5	INAMHI	6/1/1965	
H764	CALAMACA DJ Q.HUARCUSACHA	LG	260	1 °	16 ´	21 " S	78 °	49 ´	2 " W	3440	18	INAMHI	6/1/1988	
H808	CANAL ALBORNOZ-NARANJO	LM	260	1 °	18 ´	51 " S	78 °	35 ´	27 " W	2638	18	INERHI	5/1/1969	
H827	CANAL BLANCO	LM	260	°	´	"	°	´	"		17	INAMHI		
H810	CANAL BUCHELI	LM	260	1 °	15 ´	51 " S	78 °	40 ´	11 " W	2880	18	INAMHI	10/1/1968	
H805	CANAL CHACON VASCONEZ	LM	260	1 °	12 ´	7 " S	78 °	39 ´	35 " W	3310	18	INERHI	10/1/1968	
H806	CANAL CISNEROS ALTA	LM	260	°	´	"	°	´	"		18	INAMHI	2/1/1969	
H804	CANAL CISNEROS BAJA	LM	260	°	´	"	°	´	"		18	INAMHI	2/1/1969	
H837	CANAL CUMBIJIN OD1(R.YANAYACU)	LM	260	°	´	"	°	´	"		18	INAMHI	5/1/1963	
H811	CANAL FERNANDEZ BAJA	LM	260	1 °	12 ´	36 " S	78 °	39 ´	48 " W	3180	18	INERHI	11/1/1968	
H828	CANAL GALPON MD OD2(YANAYACU)	LM	260	°	´	"	°							

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CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE	FECHA DE
				GG	MM	SS	GG	MM	SS				INSTALACIÓN	LEVANTAMIENTO
H830	CANAL MOCHA-QER-PEL(YANAYACU)	LM	260	1 °	24 ´	47 " S	78 °	38 ´	22 " W		18	INERHI	4/1/1959	4/1/1959
H765	CANAL MOLINO(R.AMBATO)	LM	260	°	°	°	°	°	°		18	INAMHI	6/23/1963	
H799	CANAL MULALILLO	LM	260	1 °	3 ´	34 " S	78 °	41 ´	32 " W		5	INAMHI	7/1/1968	
H767	CANAL PACHANLICA	LM	260	1 °	20 ´	0 " S	78 °	35 ´	25 " W	2665	18	INERHI	10/1/1970	
H831	CANAL PILLARO OI(R.YANAYACU)	LM	260	°	°	°	°	°	°		18	INAMHI	5/1/1963	5/1/1963
H833	CANAL SALADO	LM	260	1 °	18 ´	9 " S	78 °	51 ´	9 " W	3600	18	INERHI	10/1/1969	10/1/1969
H807	CANAL SEVILLA CARRASCO(PTE.BENITEZ)	LM	260	°	°	°	°	°	°		18	INERHI	5/1/1969	
H802	CANAL TILULUM	LM	260	1 °	15 ´	26 " S	78 °	39 ´	32 " W	2660	18	INAMHI	11/1/1963	
H871	CANAL TILULUN EN EL SUENNO	LM	260	°	°	°	°	°	°		18	INERHI	8/1/1984	
H838	CANAL TROYA	LM	260	1 °	18 ´	48 " S	78 °	35 ´	27 " W		18	INERHI	2/1/1969	
H836	CANAL VINNA ALTA	LM	260	1 °	14 ´	6 " S	78 °	32 ´	54 " W	2370	18	INERHI	1/1/1969	
H790	CEBADAS AJ GUAMOTE	LG	260	1 °	53 ´	0 " S	78 °	38 ´	18 " W	2840	6	INAMHI	11/1/1965	
H850	CHAMBO AJ PATATE	LM	260	°	°	°	°	°	°		18	INAMHI	10/8/1982	
H816	CHAMBO DJ GUANO	LM	260	1 °	38 ´	0 " S	78 °	32 ´	55 " W		6	INAMHI	4/2/1982	
H826	CHAMBO EN HDA.CAHUAJI	LG	260	1 °	27 ´	30 " S	78 °	29 ´	26 " W	2295	18	INAMHI	1/1/1978	
H825	CHAMBO EN PENIPE	LG	260	1 °	33 ´	47 " S	78 °	31 ´	55 " W	2360	6	INAMHI	2/1/1963	
H785	CHIBUNGA EN CALPI	LM	260	1 °	38 ´	48 " S	78 °	45 ´	9 " W	3020	6	INAMHI	4/1/1963	
H864	COLLANES AJ BLANCO	LM	260	1 °	39 ´	11 " S	78 °	29 ´	46 " W	3170	6	INERHI	9/22/1984	
H950	CUILCHE EN PASTOCALLE	LM	260	0 °	53 ´	0 " S	78 °	37 ´	0 " W	2920	5	INERHI	7/1/1973	
H776	CUNUYACU EN LATACUNGA	LM	260	0 °	56 ´	13 " S	78 °	36 ´	43 " W	2585	5	INERHI	11/1/1971	
H957	CUTUCHI AJ PUMACUNCHI	LM	260	0 °	57 ´	7 " S	78 °	36 ´	53 " W	2505	5	INERHI	2/1/1977	
H792	CUTUCHI AJ YANAYACU	LG	260	1 °	3 ´	41 " S	78 °	36 ´	7 " W	2692	5	INAMHI	5/1/1964	
H855	CUTUCHI CA MULALO	LM	260	0 °	47 ´	22 " S	78 °	36 ´	40 " W	2750	5	INERHI		
H961	CUTUCHI CA S.A.DE CALLO	LM	260	0 °	44 ´	30 " S	78 °	36 ´	24 " W	2820	5	INERHI	11/22/1971	
H958	CUTUCHI CA SALACHE	LM	260	0 °	59 ´	11 " S	78 °	36 ´	3 " W	2500	5	INERHI	5/1/1976	
H956	CUTUCHI DBT CANAL DEL NORTE	LM	260	0 °	41 ´	0 " S	78 °	34 ´	0 " W	2845	5	INERHI	2/1/1978	
H872	CUTUCHI DJ MALTERIA LA VICTORIA	LM	260	0 °	55 ´	18 " S	78 °	36 ´	6 " W	2760	5	INERHI	2/1/1977	
H854	CUTUCHI EN CASPI	LM	260	0 °	42 ´	12 " S	78 °	34 ´	53 " W	2930	5	INERHI		
H865	CUTUCHI EN HDA.SAN AGUSTIN	LM	260	0 °	44 ´	26 " S	78 °	36 ´	21 " W	3000	5	INAMHI	5/26/1977	
H771	CUTUCHI EN J.GUANGO	LM	260	0 °	48 ´	43 " S	78 °	37 ´	14 " W	2735	5	INERHI	8/1/1971	
H954	CUTUCHI EN LASSO(DSF.ILESA)	LM	260	0 °	45 ´	18 " S	78 °	36 ´	19 " W	2780	5	INERHI	3/1/1977	
H774	CUTUCHI EN LATACUNGA	LM	260	0 °	56 ´	8 " S	78 °	36 ´	53 " W	2590	5	INERHI	8/1/1970	
H856	CUTUCHI EN PIEDRA COLORADA	LM	260	0 °	48 ´	45 " S	78 °	37 ´	10 " W	2905	5	INAMHI		
H866	CUTUCHI EN PTE.RUMIPAMBA	LM	260	0 °	56 ´	6 " S	78 °	36 ´	54 " W	2760	5	INAMHI	7/1/1980	
HA28	DESCARGA SALCEDO AJ CUTUCHI	LM	260	°	°	°	°	°	°		5	INERHI	5/1/1977	
HA27	DESFOGUE CIUDADELA RUMIPAMBA	LM	260	0 °	56 ´	10 " S	78 °	36 ´	54 " W		5	INERHI	2/1/1977	
HA24	DESFOGUE ILESA	LM	260	0 °	45 ´	10 " S	78 °	36 ´	21 " W		5	INERHI	2/1/1977	
HA25	DESFOGUE INDULAC	LM	260	0 °	47 ´	13 " S	78 °	36 ´	37 " W		5	INERHI	8/1/1979	
HA26	DESFOGUE MALTERIA LA VICTORIA	LM	260	0 °	55 ´	25 " S	78 °	37 ´	20 " W		5	INERHI	2/1/1977	
H842	EMBALSE DE PISAYAMBO	LG	260	1 °	5 ´	0 " S	78 °	22 ´	50 " W		18	INAMHI	10/1/1981	
H786	GUAMOTE AJ CEBADAS	LM	260	1 °	52 ´	38 " S	78 °	38 ´	6 " W	2840	6	INAMHI	11/1/1965	11/1/1965
H789	GUARGUALLA AJ CEBADAS	LG	260	1 °	52 ´	13 " S	78 °	36 ´	8 " W	2828	6	INAMHI	7/1/1964	
H819	ILLUCHI AA BOCATOMA #1	LM	260	0 °	55 ´	0 " S	78 °	28 ´	0 " W		5	INAMHI	5/1/1977	
H857	ILLUCHI CVA AMBATO(AJ CUTUCHI)	LM	260	0 °	58 ´	54 " S	78 °	36 ´	3 " W	2540	5	INERHI		
H949	ILLUCHI EN PLTA.ELECTRICA	LM	260	0 °	56 ´	0 " S	78 °	32 ´	0 " W	2730	5	INERHI	5/1/1973	
H959	ISINCHE AJ CUTUCHI	LM	260	1 °	0 ´	0 " S	78 °	36 ´	0 " W	2485	5	INERHI	2/1/1977	
H827	LA UNION	LM	260	1 °	54 ´	50 " S	77 °	49 ´	32 " W	800	16	INAMHI	1/1/2004	
H784	MAHUAZO AJ ALAO	LM	260	1 °	51 ´	39 " S	78 °	32 ´	0 " W	3070	6	INAMHI	8/1/1967	
H960	MOCHA ABT AC.QUERO-PELILEO	LM	260	°	°	°	°	°	°		18	INERHI	9/1/1976	
H861	MOCHA EN CACAHUANGO	LM	260	1 °	24 ´	47 " S	78 °	38 ´	29 " W	3070	18	INERHI		
H870	MOCHA EN MOCHAPATA	LM	260	1 °	25 ´	52 " S	78 °	40 ´	24 " W		18	INERHI	8/1/1975	
H867	MOCHA-ATILLO	LG	260	1 °	25 ´	42 " S	78 °	40 ´	4 " W	3292	18	INERHI	11/1/1981	
H839	MUYO AJ PASTAZA	LM	260	1 °	21 ´	50 " S	78 °	23 ´	42 " W	1700	18	INAMHI	4/25/1980	
H858	NAGSICHE EN BALNEARIO(AJ CUTUCHI)	LM	260	1 °	3 ´	32 " S	78 °	36 ´	23 " W	2440	5	INERHI		
H793	NAGSICHE PLTA.ELEC.CUSUBAMBA	LM	260	1 °	3 ´	42 " S	78 °	41 ´	25 " W	2960	5	INAMHI	7/1/1965	
H795	NEGRO AJ PUMACUNCHI	LM	260	0 °	46 ´	33 " S	78 °	41 ´	23 " W	3060	5	INAMHI	6/1/1965	6/1/1965
H783	OZOGOCHÉ EN LOS LAGOS	LG	260	2 °	13 ´	45 " S	78 °	36 ´	45 " W	3715	6	INAMHI	2/1/1965	
H803	PACHANLICA AJ AMBATO	LM	260	1 °	14 ´	11 " S	78 °	32 ´	58 " W	2310	18	INAMHI	7/1/1969	
H797	PANSACHI EN HDA.BANNOS	LM	260	0 °	48 ´	24 " S	78 °	27 ´	48 " W	3780	5	INERHI	1/1/1973	
H798	PASTAZA AJ ENCANTO	LG	260	1 °	25 ´	42 " S	78 °	10 ´	36 " W	1150	18	INAMHI	9/16/1978	
H844	PASTAZA AJ S.FRANCISCO	LM	260	°	°	°	°	°	°		18	INAMHI	9/1/1982	
H800	PASTAZA EN BANNOS	LG	260	1 °	23 ´	23 " S	78 °	25 ´	16 " W	1729	18	INAMHI	7/1/1962	
H841	PASTAZA EN C.DE MAQUINAS	LM	260	°	°	°	°	°	°		18	INAMHI	4/4/1980	
H840	PASTAZA EN LA PRESA	LM	260	°	°	°	°	°	°		18	INAMHI	3/4/1978	
H846	PASTAZA EN LLIGUA	LM	260	°	°	°	°	°	°		18	INAMHI	10/17/1982	
H845	PASTAZA EN SECCION K	LM	260	°	°	°	°	°	°		18	INAMHI		
H849	PATATE AJ BLANCO	LM	260	°	°	°	°	°	°		18	INAMHI	10/14/1982	
H847	PATATE AJ CHAMBO	LM	260	°	°	°	°	°	°		18	INAMHI	10/10/1982	
H817	PATATE DJ AMBATO	LG	260	1 °	15 ´	0 " S	78 °	30 ´	36 " W		18	INAMHI	4/2/1982	
H848	PATATE EN PTE.VIEJO	LM	260	°	°	°	°	°	°		18	INAMHI	10/13/1982	
H952	PATOA EN PATOA	LM	260	0 °	58 ´	35 " S	78 °	38 ´	56 " W	2675	5	INERHI	12/1/1974	
H851	PISAYAMBO AJ QUILLOPACCHA	LG	260	1 °	3 ´	42 " S	78 °	24 ´	18 " W	3480	18	INAMHI	1/1/1966	1/1/1966
H788	PUELA AJ CHAMBO	LG	260	1 °	31 ´	48 " S	78 °	26 ´	53 " W	2460	6	INAMHI	4/1/1965	
H948	PUJILI EN EL TINGO	LM	260	0 °	55 ´	58 " S	78 °	42 ´	39 " W	2880	5	INERHI	5/1/1973	
H951	PUJILI EN PUJILI	LM	260	0 °	57 ´	20 " S	78 °	41 ´	37 " W	2810	5	INERHI	12/1/1974	
H859	PUMACUNCHI AJ CUTUCHI	LM	260	0 °	57 ´	0 " S	78 °	36 ´	40 " W	2510	5	INERHI	5/5/1976	5/5/1976
H794	PUMACUNCHI DJ BLANCO Y NEGRO	LM	260	0 °	46 ´	40 " S	78 °	41 ´	8 " W	3030	5	INAMHI	6/1/1965	6/1/1965
H772	PUMACUNCHI EN H.PATOCOCHA	LM	260	0 °	52 ´	12 " S	78 °	37 ´	58 " W	2650	5	INERHI	1/1/1972	
H775	PUMACUNCHI EN LATACUNGA	LM	260	0 °	56 ´	25 " S	78 °	37 ´	0 " W	2600	5	INERHI	7/1/1969	
H821	QDA.AGUALONGO PUNGO	LM	260	1 °	2 ´	25 " S	78 °	23 ´	20 " W		18	INAMHI	8/1/1981	
H777	QDA.BOLICHE AJ CUTUCHI	LM	260	0 °	44 ´	19 " S	78 °	36 ´	23 " W	2830	5	INERHI	2/1/1978	
H873	QDA.CATEQUILLA BAJA EN S.FELIPE	LM	260	0 °	54 ´	35 " S	78 °	37 ´	53 " W	2620	5	INERHI	11/1/1971	
H815	QDA.CHAHUARPATA AJ PASTAZA	LM	260	1 °	23 ´	39 " S	78 °	20 ´	50 " W		18	INAMHI	8/7/1980	
H813	QDA.CHAHUARYACU	LM	260	1 °	23 ´	40 " S	78 °	22 ´	0 " W		18	INAMHI	4/14/1980	
H824	QDA.EL TAMBO	LM	260	1 °	5 ´	30 " S	78 °	20 ´	30 " W		18	INAMHI	8/1/1981	
H763	QDA.MULA CORRAL AJ CALAMACA	LM	260	1 °	14 ´	49 " S	78 °	49 ´	41 " W		18	INAMHI	12/1/1988	
H823	QDA.PATOJAPINA	LM	260	1 °	5 ´	0 " S	78 °	20 ´	10 " W		18	INAMHI	8/1/1981	
H822	QDA.RONCADOR	LM	260	1 °	4 ´	40 " S	78 °	22 ´	25 " W		18	INAMHI	8/1/1981	
H814	QDA.STA.ROSA AJ PASTAZA	LM	260	1 °	23 ´	40 " S	78 °	22 ´	10 " W		18	INAMHI	1/3/1980	
H843	QUILLOPACCHA ABT	LG	260	°	°	°	°	°	°		18	INAMHI	9/15/1985	

INVENTARIO DE ESTACIONES HIDROLÓGICAS SUPERFICIALES

CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD					LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS				GG	MM					
H852	QUILLOPACCHA AJ PISAYAMBO	LG	260	1 °	3 ´	10 "	S	78 °	24 ´	42 "	W	3480	18	INAMHI	1/1/1966	1/1/1966
H818	QUILLOPACCHA EN C.DE ADUCCION	LM	260	1 °	5 ´	0 "	S	78 °	17 ´	0 "	W		18	INAMHI	9/15/1981	
H762	RIO BLANCO TUNGURAHUA	LM	260										18	INAMHI	12/1/1988	
H766	SAQUIMALA CA MULALO	LM	260	0 °	47 ´	22 "	S	78 °	36 ´	2 "	W	2730	5	INERHI	11/1/1971	
H820	TALATAG ABT	LG	260	1 °	7 ´	0 "	S	78 °	24 ´	20 "	W		18	INAMHI	9/15/1981	
H853	TALATAG AJ PISAYAMBO	LG	260	1 °	5 ´	11 "	S	78 °	24 ´	50 "	W	3470	18	INAMHI	5/1/1965	5/1/1965
H770	TAMBOYACU CA J.GUANGO	LM	260	0 °	49 ´	6 "	S	78 °	36 ´	10 "	W	2750	5	INERHI	12/1/1971	
H769	TAMBOYACU CA MULALO	LM	260	0 °	47 ´	18 "	S	78 °	35 ´	14 "	W	2775	5	INERHI	11/1/1971	
H778	TAMBOYACU EN BRIG.PATRIA	LM	260	0 °	50 ´	37 "	S	78 °	36 ´	45 "	W	2840	5	INERHI	5/1/1985	
HA1M	TENERIA ALEMANA	LM	260	1 °	13 ´	46 "	S	78 °	36 ´	30 "	W		18	INERHI	1/1/1977	
H812	ULBA AJ PASTAZA	LM	260	1 °	23 ´	0 "	S	78 °	22 ´	0 "	W		18	INAMHI	4/24/1980	
H781	VERDE AJ PASTAZA	LM	260	1 °	23 ´	55 "	S	78 °	17 ´	47 "	W	1495	18	INAMHI	7/1/1962	
HA1N	VERTEDERO HOSP.DE AMBATO	LM	260	1 °	13 ´	40 "	S	78 °	36 ´	38 "	W		18	INERHI	6/1/1976	
HA1Y	VTE.CADENAS EN PATOA	LM	260	0 °	57 ´	0 "	S	78 °	43 ´	0 "	W	2685	5	INERHI	12/13/1974	
HA1S	VTE.LA ESPERANZA	LM	260										5	INERHI	11/1/1971	
H869	YANAYACU AJ MOCHA	LM	260	1 °	25 ´	54 "	S	78 °	39 ´	55 "	W		18	INERHI	8/29/1975	
H955	YANAYACU EN LATACUNGA	LM	260	0 °	55 ´	47 "	S	78 °	36 ´	57 "	W	2600	5	INERHI	2/1/1977	
H796	YANAYACU EN PTE.PUCARA	LG	260	1 °	5 ´	6 "	S	78 °	27 ´	16 "	W	3095	5	INAMHI	5/1/1963	5/1/1963
H868	YANAYACU EN TQ.AG.PT(AJ CUTUCHI)	LM	260	0 °	54 ´	48 "	S	78 °	35 ´	26 "	W	2590	5	INERHI	2/1/1976	2/1/1976

CUENCA DEL RÍO SANTIAGO

H911	ABANICO EN PTE.ANGOSTURA	LM	280	2 °	15 ´	58 "	S	78 °	11 ´	57 "	W		14	INAMHI	9/1/1978	
H941	BOLO AJ S.BARBARA	LM	280	3 °	0 ´	53 "	S	78 °	49 ´	6 "	W		1	INERHI	7/1/1985	
H881	BOMBOIZA AJ ZAMORA	LG	280	3 °	27 ´	14 "	S	78 °	29 ´	47 "	W	820	14	INAMHI	7/1/1974	
HA36	BURGAY A.J. TOMEAMBAMBA	LG	280	2 °	49 ´	15 "	S	78 °	52 ´	38 "	W		1	ETAPA-CSS	2/21/1997	
H932	BURGAY AJ DELEG	LG	280	2 °	49 ´	18 "	S	78 °	52 ´	24 "	W	2340	3	INAMHI	1/24/1985	
H969	BURGAY AJ PAUTE	LM	280	2 °	49 ´	28 "	S	78 °	52 ´	42 "	W	2298	1	INECEL	1/1/1978	
H901	CANAL SAYMIRIN	LM	280	2 °	45 ´	37 "	S	79 °	0 ´	42 "	W	2900	1	INAMHI	7/1/1965	
H927	CHUCHUMBLETZA AJ ZAMORA	LG	280	3 °	33 ´	1 "	S	78 °	30 ´	33 "	W	850	14	INAMHI	3/1/1975	
H920	CHULCO EN EL LABRADO	LG	280	2 °	43 ´	6 "	S	79 °	4 ´	0 "	W	3260	1	INAMHI	6/1/1967	6/1/1967
H921	CHULCO EN JATUNGUZO	LM	280	2 °	44 ´	14 "	S	79 °	2 ´	4 "	W	3080	1	INAMHI	8/1/1963	8/1/1963
H929	COLLAY AJ PAUTE	LG	280	2 °	45 ´	30 "	S	78 °	38 ´	59 "	W	2110	1	INAMHI	1/21/1985	
HB16	CULEBRILLAS A.J. TOMEAMBAMBA	LM	280	2 °	45 ´	0 "	S	79 °	6 ´	0 "	W		0	INAMHI		
H933	DELEG AJ BURGAY	LG	280										3	INAMHI	1/23/1985	
H902	DUDAS EN PINDILIG	LG	280	2 °	37 ´	45 "	S	78 °	40 ´	6 "	W	2450	3	INAMHI	7/1/1963	
H937	EL CARMEN EN ZAMORA HUAYCO	LM	280	4 °	1 ´	34 "	S	79 °	11 ´	13 "	W	2135	11	INERHI	11/1/1982	
H923	GALUAY AJ TABACAY	LM	280	2 °	42 ´	15 "	S	78 °	53 ´	44 "	W	2548	3	INERHI	2/1/1979	
H882	GUALACEO AJ CERTAG	LM	280										1	INERHI		
H931	GUALACEO AJ PAUTE	LG	280	2 °	52 ´	0 "	S	78 °	45 ´	54 "	W	2200	1	INAMHI	1/23/1985	
HA37	GUALACEO D.J. PAMAR (PIRUCAY)	LG	280	2 °	49 ´	14 "	S	78 °	48 ´	19 "	W		1	ETAPA-CSS	2/21/1997	
H915	JADAN AJ PAUTE	LG	280	2 °	51 ´	58 "	S	78 °	52 ´	1 "	W	2440	1	INECEL	5/16/1983	
H930	JADAN EN TASQUI	LM	280										1	INAMHI	4/15/1984	
H906	JUVAL AJ PAUTE	LM	280	2 °	23 ´	36 "	S	78 °	33 ´	30 "	W	1950	3	INAMHI	12/20/1977	12/20/1977
H936	LAGRIMAS EN MOTUPE	LM	280	3 °	56 ´	2 "	S	79 °	13 ´	7 "	W	1995	11	INERHI	1/11/1981	
H935	LAS JUNTAS EN ILLINSHAPA	LM	280	3 °	49 ´	58 "	S	79 °	12 ´	16 "	W	1940	11	INERHI	12/1/1980	
HA41	LAS LAGRIMAS - RIO ZAMORA	LM	280	3 °	56 ´	32 "	S	79 °	13 ´	7 "	W		19	PREDESUR		
H903	LLUCLLUCHAS EN PTE.CARRETERA	LM	280										1	INAMHI	6/17/1976	
HA31	MACHANGARA A.J. TOMEAMBAMBA	LG	280	2 °	53 ´	3 "	S	78 °	57 ´	16 "	W		1	ETAPA-CSS	2/21/1997	
H905	MACHANGARA AJ CHULCO	LM	280	2 °	44 ´	11 "	S	79 °	0 ´	24 "	W	2915	1	INAMHI	8/1/1963	8/1/1963
H922	MACHANGARA EN SAYMIRIN	LG	280	2 °	45 ´	32 "	S	79 °	0 ´	24 "	W	2970	1	INAMHI	7/1/1964	7/1/1964
H924	MATADERO AJ SURUCUCHO	LM	280	2 °	49 ´	32 "	S	79 °	8 ´	0 "	W	3180	1	INAMHI	1/1/1968	1/1/1968
H896	MATADERO EN SAYAUSI	LG	280	2 °	52 ´	1 "	S	79 °	4 ´	0 "	W	2645	1	INAMHI	4/1/1964	
HB18	MAZAN A.J. TOMEAMBAMBA	LM	280	2 °	50 ´	0 "	S	78 °	8 ´	0 "	W		0	INAMHI		
HB17	MAZAN EN MAZAN	LM	280	2 °	52 ´	5 "	S	78 °	2 ´	0 "	W		0	INAMHI		
H892	MAZAR AJ PAUTE	LM	280	2 °	34 ´	14 "	S	78 °	38 ´	35 "	W	2250	3	INAMHI	9/17/1972	
H907	NAMANGOZA DJ UPANO	LG	280	2 °	45 ´	35 "	S	78 °	16 ´	30 "	W	410	14	INAMHI	1/21/1976	
H885	NANGARITZA AJ ZAMORA	LG	280	3 °	55 ´	11 "	S	78 °	41 ´	10 "	W	870	19	INAMHI	3/1/1965	
H913	PALMIRA AJ PAUTE	LM	280	2 °	29 ´	25 "	S	78 °	32 ´	40 "	W	1910	3	INAMHI	12/17/1977	
H918	PAUTE AJ CARDENILLO	LG	280	2 °	34 ´	3 "	S	78 °	29 ´	2 "	W	1130	1	INAMHI	9/11/1980	
H900	PAUTE AJ DUDAS	LG	280	2 °	41 ´	10 "	S	78 °	37 ´	29 "	W	2000	1	INAMHI	8/1/1963	
H909	PAUTE AJ UPANO	LG	280	2 °	44 ´	19 "	S	78 °	17 ´	24 "	W	413	14	INAMHI	1/21/1976	
H914	PAUTE DJ JADAN	LG	280	2 °	51 ´	40 "	S	78 °	51 ´	0 "	W	2250	1	INAMHI	5/16/1983	
H917	PAUTE DJ LLAVIRCAY	LM	280	2 °	38 ´	40 "	S	78 °	36 ´	40 "	W		1	INAMHI	9/12/1980	
H926	PAUTE DJ MOLINO	LG	280	2 °	35 ´	18 "	S	78 °	31 ´	6 "	W	1328	14	INAMHI		3/1/1975
H898	PAUTE DJ PALMIRA	LG	280	2 °	33 ´	42 "	S	78 °	33 ´	30 "	W	2100	1	INAMHI	8/1/1963	8/1/1963
HA38	PAUTE EN PAUTE	LG	280	2 °	45 ´	26 "	S	78 °	44 ´	33 "	W		1	ETAPA-CSS	2/21/1997	
H894	PAUTE EN PAUTE(DJ GUALACEO)	LG	280	2 °	43 ´	35 "	S	78 °	44 ´	25 "	W	2150	1	INAMHI	1/1/1973	
H938	PORTETE AJ IRQUIS	LM	280	3 °	6 ´	3 "	S	79 °	6 ´	33 "	W	2700	1	INERHI	1/1/1985	
HB28	PUERTO SANTIAGO	LM	280	3 °	3 ´	6 "	S	78 °	1 ´	1 "	W	300	14	INAMHI	2/3/2001	
H916	QDA.MOLINO AJ PAUTE	LG	280	2 °	36 ´	0 "	S	78 °	31 ´	20 "	W		14	INAMHI	5/18/1983	
H940	QUINGEO DJ TARQUI	LM	280	2 °	59 ´	3 "	S	78 °	55 ´	9 "	W	2800	1	INERHI	1/1/1985	
H904	QUINUAS EN QUINUAS	LM	280	2 °	46 ´	50 "	S	79 °	11 ´	34 "	W		1	INAMHI	7/16/1976	7/16/1976
HA43	RIO JUMBILLA EN ZAMORA	LM	280	3 °	52 ´	15 "	S	79 °	9 ´	58 "	W		19	PREDESUR		
H886	SABANILLA AJ ZAMORA	LG	280	4 °	2 ´	3 "	S	79 °	0 ´	22 "	W	1080	19	INAMHI	12/1/1963	12/1/1963
H891	SAN FRANCISCO AJ ZAMORA	LG	280	3 °	57 ´	41 "	S	79 °	3 ´	16 "	W	1609	19	INAMHI	12/1/1963	
H899	SAN FRANCISCO EN GUALACEO	LM	280	2 °	53 ´	43 "	S	78 °	45 ´	49 "	W	2400	1	INAMHI	1/1/1965	
H945	SANTA BARBARA AJ BOLO	LM	280	3 °	3 ´	28 "	S	78 °	47 ´	43 "	W	2390	1	INERHI	2/1/1979	
H934	SANTIAGO EN PACHI	LM	280	3 °	47 ´	7 "	S	79 °	17 ´	17 "	W	2435	11	INERHI	12/12/1980	
H925	SHINCATA DJ BETAS	LG	280										19	INECEL	3/19/1985	
H943	SHUCAY AJ TARQUI	LM	280	2 °	57 ´	25 "	S	79 °	2 ´	53 "	W	2640	1	INERHI	2/1/1979	
HB19	SURUCUCHO A.J. TOMEAMBAMBA	LM	280	2 °	50 ´	27 "	S	79 °	7 ´	45 "	W		0	INAMHI		
H897	SURUCUCHO AJ LULLUCCHAS	LM	280	2 °	50 ´	27 "	S	79 °	7 ´	45 "	W	2980	1	INAMHI	1/1/1968	
H919	TABACAY EN F.CM.GUAPAN(AJ BURGAY)	LM	280	2 °	43 ´	27 "	S	78 °	50 ´	55 "	W	2530	3	INECEL	3/1/1976	3/1/1976
HA33	TARQUI A.J. YANUNCAY (3 PUENTES)	LG	280	2 °	54 ´	54 "	S	79 °	0 ´	30 "	W		1	ETAPA-CSS	2/21/1997	
H939	TARQUI AJ CUMBE	LM	280	3 °	2 ´	25 "	S	79 °	3 ´	4 "	W	2640	1	INERHI	2/1/1979	
HA34	TARQUI D.J. CUMBE	LG	280	3 °	2 ´	11 "	S	79 °	1 ´	56 "	W		1	ETAPA-CSS	2/21/1997	
H942	TARQUI DJ SHUCAY	LM	280	2 °	57 ´	12 "	S	79 °	2 ´	45 "	W	2640	1	INERHI	2/1/1979	
HB20	TOMEAMBAMBA A.J. MAZAN	LM	280	2 °	50 ´	0 "	S	78 °	2 ´	0 "	W		0	INAMHI		
HB21	TOMEAMBAMBA A.J. YANUNCAY	LM	280	2 °	59 ´	0 "	S	78 °	58 ´	0 "	W		0	INAMHI		
H895	TOMEAMBAMBA EN MONAY	LG	280	2 °	53 ´	29 "	S	78 °	57 ´	59 "	W	2480	1	INAMHI	7/1/1964	

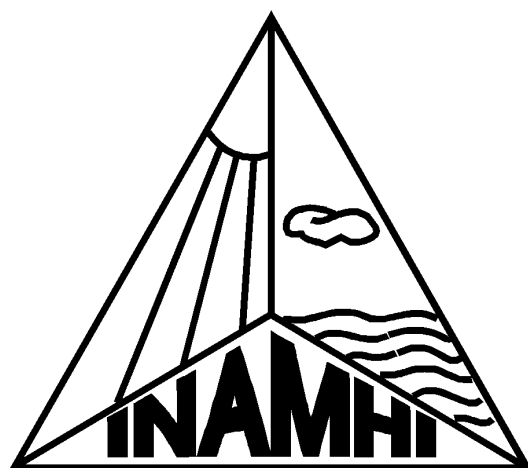
INVENTARIO DE ESTACIONES HIDROLÓGICAS SUPERFICIALES

CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD				LONGITUD				ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS		GG	MM	SS						
HA35	TOMBAMBA EN UCUBAMBA	LG	280	2 °	52 ´	20 "	S	78 °	56 ´	48 "	W		1	ETAPA-CSS	2/21/1997	
H883	TUTAMANGOZA EN SUCUA	LG	280	2 °	29 ´	3 "	S	78 °	10 ´	0 "	W	850	14	INAMHI	5/25/1972	
H910	UPANO DJ SANGAY	LG	280	2 °	8 ´	58 "	S	78 °	10 ´	56 "	W	1390	14	INAMHI	11/22/1979	
H908	UPANO DJ TUTAMANGOZA	LG	280	2 °	36 ´	58 "	S	78 °	10 ´	45 "	W	550	14	INAMHI	1/21/1976	
H887	YACUAMBI AJ ZAMORA	LG	280	3 °	54 ´	26 "	S	78 °	50 ´	52 "	W	890	19	INAMHI	2/1/1975	
H912	YACUAMBI EN LA PAZ	LG	280	3 °	42 ´	30 "	S	78 °	53 ´	48 "	W	940	19	INAMHI	1/15/1976	
H944	YANUNCAY AJ CHICO SOLDADOS	LM	280	2 °	56 ´	49 "	S	79 °	9 ´	40 "	W	3000	1	INERHI	4/1/1979	
H893	YANUNCAY AJ TARQUI	LM	280	2 °	54 ´	46 "	S	79 °	0 ´	24 "	W	2500	1	INAMHI	6/1/1964	
HA32	YANUNCAY EN PUCAN	LG	280	2 °	56 ´	36 "	S	79 °	10 ´	9 "	W		1	ETAPA-CSS	2/21/1997	
H884	ZAMORA AJ BOMBOIZA	LG	280	3 °	27 ´	30 "	S	78 °	29 ´	30 "	W	800	19	INAMHI	2/15/1975	
H928	ZAMORA AJ NAMANGOZA	LG	280	3 °	5 ´	0 "	S	78 °	14 ´	50 "	W	340	14	INECEL	7/1/1975	
H890	ZAMORA DJ NANGARITZA	LG	280	3 °	45 ´	45 "	S	78 °	38 ´	25 "	W	890	19	INAMHI	2/1/1975	
H888	ZAMORA DJ S.FRANCISCO	LG	280	3 °	57 ´	8 "	S	79 °	1 ´	30 "	W	1590	19	INAMHI	12/1/1963	
H889	ZAMORA DJ SABANILLA(EN ZAMORA)	LG	280	4 °	3 ´	39 "	S	78 °	56 ´	56 "	W	980	19	INAMHI	12/1/1973	
HB36	ZAMORA EN PUENTE JIMBILLA	LM	280	3 °	51 ´	33 "	S	79 °	11 ´	22 "	W	2381	11	PREDESUR	1/11/2004	
CUENCA DEL RÍO MAYO-CHINCHIPE																
H968	IZIMANCHE EN IZIMANCHE	LM	300	4 °	49 ´	30 "	S	79 °	7 ´	1 "	W	790	19	INAMHI	12/14/1984	
H966	MAYO AJ QDA.ZUMBAYACU	LG	300	4 °	52 ´	25 "	S	79 °	5 ´	22 "	W	700	19	INAMHI	6/11/1979	
H967	PALANDA AJ VALLADOLID	LM	300	4 °	38 ´	0 "	S	79 °	7 ´	47 "	W	960	19	INAMHI	10/27/1977	

* INERHI (1994), INECEL (1998)

LISTADO DE ESTACIONES CON INFORMACIÓN SEDIMENTOLÓGICA
A Ñ O 1998

CUENCA	CÓDIGO ESTAC.	E S T A C I Ó N	PERÍODO	TOTAL AFOROS	AFOROS DE 1998	OBSERVACIONES
MIRA	H-015	Chota En Pte. Carretera	76-02/98-09	35	1	Con curva
	H-011	Mira En Lita	78-09/98-09	19	1	Con curva
GUAYAS	H-375	Chanchán en Hda. Huataxí	81-07/98-06	23	1	Con curva
	H-338	Chimbo D.J. Pangor	74-08/98-12	50	1	Con Curva
CAÑAR	H-Zk3	Cañar en Pte. San Antonio	98-08/98-08	1	1	
	H-Zk2	Corazón	98-08/98-08	1	1	
PASTAZA	H-787	Alao en Hda. Alao	78-01/98-06	21	1	Con Curva
	H792	Cutuchi A.J. Yanayacu	73-01/98-12	32	1	Con Curva
	H-826	Chambo en Hda. Cahuají	77-05/98-06	81	1	Con Curva
	H-800	Pastaza En Baños	74-09/98-12	108	1	Con Curva
SANTIAGO	H-896	Matadero En Sayausi	77-12/98-06	24	1	Con Curva
	H-894	Paute D.J. Gualaceo	74-06/98-06	185	1	Con Curva
	H-895	Tomebamba En Monay	76-01/98-06	52	1	Con Curva



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