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MINISTERIO DE ENERGÍA Y MINAS

**INSTITUTO NACIONAL DE
METEOROLOGÍA E HIDROLOGÍA**

ANUARIO HIDROLÓGICO 2003

Nº 41
EDICIÓN ESPECIAL

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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 limnógrafo, o el promedio de las dos lecturas diarias para aquellas que solo disponen de limnómetro. 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
H011	MIRA EN LITA	LG	20	78° 27' 49" W	0° 50' 57" N	475	8	INAMHI	13	77
H013	BLANCO AJ MIRA	LG	20	78° 16' 28" W	0° 45' 42" N	890	4	INAMHI	13	78
H015	CHOTA EN PTE.CARRETERA	LG	20	78° 4' 25" W	0° 28' 48" N	1515	4	INAMHI	14	79
H016	APAQUI AJ CHOTA	LG	20	77° 56' 5" W	0° 26' 51" N	1715	4	INAMHI	14	
H017	APAQUI D GRUTA LA PAZ #3	LG	20	77° 50' 46" W	0° 30' 2" N	2365	4	INAMHI	15	80
H024	BLANCO EN PTE.CARRETERA	LG	20	78° 17' 57" W	0° 15' 14" N		10	INAMHI	15	
H026	ITAMBI EN L.S.PABLO	LM	20	78° 12' 32" W	0° 11' 50" N	2650	10	INAMHI	16	81
H045	APAQUI DJ MINAS	LG	20	77° 46' 55" W	0° 32' 32" N	2650	4	INAMHI	16	82
H064	EL ANGEL EN PTE.AYORA	LG	20	77° 57' 5" W	0° 38' 26" N	2850	4	INAMHI	17	
H091	GRANDE AJ JATIVA	LG	30	77° 50' 50" W	0° 48' 18" N	3120	4	INAMHI	17	83
H138	BLANCO DJ TOACHI(PTE.UNICOOP)	LM	80	79° 16' 47" W	0° 5' 2" S		17	INAMHI	18	84
H143	GRANOBLES AJ GUACHALA	LG	80	78° 10' 0" W	0° 1' 33" N	2750	17	INAMHI	18	85
H150	INTAG DJ PAMPLONA	LG	80	78° 37' 25" W	0° 13' 20" N	1000	10	INAMHI	19	86
H156	PILATON AJ TOACHI	LG	80	78° 55' 52" W	0° 18' 37" S	890	17	INAMHI	19	87
H158	PITA AJ SALTO	LG	80	78° 25' 26" W	0° 34' 15" S	3550	17	INAMHI	20	88
H159	SAN PEDRO EN MACHACHI	LG	80	78° 32' 34" W	0° 28' 25" S	2680	17	INAMHI	20	89
H161	TOACHI AJ PILATON	LG	80	78° 57' 5" W	0° 18' 56" S	820	17	INAMHI	21	90
H166	TOACHI EN LAS PAMPAS	LG	80	79° 56' 58" W	0° 26' 23" S	1110	5	INAMHI	21	91
H167	TOACHI EN S.D.DE LOS COLORADO	LG	80	79° 7' 40" W	0° 14' 42" S		17	INAMHI	22	92
H168	ESMERALDAS DJ SADE	LG	80	79° 24' 55" W	0° 31' 24" N	50	8	INAMHI	22	93
H170	GUAYLLABAMBA AJ BLANCO	LM	80	79° 23' 38" W	0° 26' 19" N	90	8	INAMHI	23	94
H171	SUBERE AJ TEAONE	LM	80	79° 41' 50" W	0° 50' 36" N		8	INAMHI	23	
H172	TEAONE DJ TABIAZO	LM	80	79° 41' 55" W	0° 50' 37" N	16	8	INAMHI	24	95
H173	TEAONE AJ ESMERALDAS	LG	80	79° 41' 29" W	0° 55' 35" N		8	INAMHI	24	96
H188	PILATON D.J. CHITOA (EN LA ESPER	LM	80	78° 50' 36" W	0° 20' 46" S		17	INAMHI	25	97
H210	BRICEÑO EN BOTADERO	LM	90	80° 21' 5" W	0° 31' 20" S	15	13	INAMHI	25	
H216	BUA AJ QUININDE	LG	80	79° 35' 59" W	0° 1' 15" S		17	INAMHI	26	98
H232	MOSQUITO AJ GRANDE	LM	100	80° 2' 18" W	0° 39' 47" S	35	13	INAMHI	26	99
H233	JUNIN DJ EST.PALMAR	LG	100	80° 11' 0" W	0° 54' 17" S	20	13	INAMHI	27	
H326	BABA DJ TOACHI-DCP	AU	130	79° 23' 5" W	0° 39' 50" S	100	12	INAMHI	27	100
H327	CAJONES EN KM.18 1/2	LG	130	79° 19' 25" W	0° 14' 46" S		17	INAMHI	28	
H329	PILALO EN LA ESPERANZA	LM	130	79° 5' 10" W	0° 51' 45" S	920	5	INAMHI	28	
H331	CHIMBO EN SAN LORENZO	LG	130	79° 0' 16" W	1° 40' 11" S	2400	2	INAMHI	29	101
H332	CANAL CHIMBO EN SAN LORENZO	LM	130	79° 0' 15" W	1° 40' 11" S	2400	2	INAMHI	29	
H333	SAN LORENZO EN SAN LORENZO	LM	130	78° 59' 44" W	1° 41' 13" S	2470	2	INAMHI	30	102
H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ	LG	130	79° 4' 14" W	1° 51' 27" S	2100	2	INAMHI	30	
H337	PANGOR AJ CHIMBO	LG	130	79° 0' 10" W	1° 55' 55" S	1480	2	INAMHI	31	103
H338	CHIMBO DJ PANGOR	LG	130	79° 0' 27" W	1° 55' 56" S	1452	2	INAMHI	31	104
H340	CHIMBO EN BUCAY	LG	130	79° 8' 25" W	2° 11' 39" S	297	9	INAMHI	32	105
H343	ECHEANDIA EN ECHEANDIA	LG	130	79° 15' 55" W	1° 26' 5" S	425	2	INAMHI	32	106
H346	ZAPOTAL EN LECHUGAL	LG	130	79° 21' 15" W	1° 23' 15" S	18	12	INAMHI	33	107
H348	VINCES EN VINCES-DCP	AU	130	79° 45' 2" W	1° 32' 57" S	41	12	INAMHI	33	108
H352	MACUL EN PTE.CARRETERA	LM	130	79° 36' 48" W	1° 3' 43" S	30	9	INAMHI	34	
H353	MACUL EN HDA.BRASILIA	LM	130	79° 45' 0" W	1° 13' 14" S	40	9	INAMHI	34	
H354	DAULE EN LA LINDA	LM	130	79° 53' 24" W	1° 20' 2" S	8	9	INAMHI	35	
H359	PAJAN EN AGUA FRIA	LG	130	80° 22' 31" W	1° 36' 30" S		13	INAMHI	35	
H363	DAULE EN BALZAR	LG	130	79° 54' 24" W	1° 21' 38" S	30	9	INAMHI	36	109
H365	DAULE EN LA CAPILLA	LG	130	79° 59' 44" W	1° 41' 45" S	13	9	INAMHI	36	110
H375	CHANCHAN DJ HUATAXI	LM	130	78° 56' 42" W	2° 18' 40" S		6	INAMHI	37	111
H385	ANGAS AJ CHANCHAN	LG	130	79° 3' 45" W	2° 18' 6" S	742	6	INAMHI	37	112
H390	CHIMBO AJ MILAGRO INAMHI	LM	130	79° 41' 37" W	2° 6' 5" S	30	9	INAMHI	38	113
H394	EMBARCADERO EN H.CLEM(POT-ST	LM	130	79° 23' 29" W	1° 46' 49" S	18	12	INAMHI	38	114
H400	PEDRO CARBO EN PEDRO CARBO	LM	130	80° 13' 34" W	1° 49' 8" S	65	9	INAMHI	39	
H402	CONGO EN PTE.CARRETERA	LM	130	79° 41' 40" W	1° 2' 3" S	30	9	INAMHI	39	
H404	PULA EN YURIMA	LM	130	79° 54' 53" W	1° 48' 24" S	5	9	INAMHI	40	
H407	PULA EN PALIZADA	LM	130	79° 50' 6" W	1° 39' 2" S	16	9	INAMHI	40	
H412	BACHILLERO EN PTE.CARRETERA	LM	130	79° 32' 0" W	1° 47' 39" S		9	INAMHI	41	
H414	TOACHI AJ BABA	LG	130	79° 21' 9" W	0° 40' 44" S		12	CEDEGE	41	115
H415	SAN PABLO EN LA MANA	LG	130	79° 13' 24" W	0° 56' 17" S	238	5	CEDEGE	42	
H418	SUQUIBI AJ NAVES	LG	130	79° 20' 37" W	1° 17' 0" S		2	CEDEGE	42	
H434	VALDIVIA EN EL SUSPIRO	LM	140	80° 37' 47" W	1° 53' 43" S		9	INAMHI	43	
H466	SILANTE EN INGAPIRCA	LM	160	78° 51' 45" W	2° 31' 38" S		3	INAMHI	43	116
H467	VENDELECHE EN HDA.LA CURIA	LG	160	78° 52' 12" W	2° 34' 55" S	3020	3	INAMHI	44	117
H468	SAN PEDRO EN INGAPIRCA	LG	160	78° 52' 27" W	2° 33' 55" S	2970	3	INAMHI	44	
H471	CAÑAR DJ RAURA	LG	160	79° 7' 45" W	2° 28' 10" S		3	INAMHI	45	
H503	TENGUEL EN TENGUEL	LM	170	79° 47' 13" W	2° 59' 26" S	10	9	INAMHI	45	118
H507	BONITO EN PTE.CARRETERA(AJ PA	LM	170	79° 45' 52" W	3° 6' 13" S	30	7	INAMHI	46	
H508	CHAGUANA EN PTE.CARRETERA	LM	170	79° 47' 22" W	3° 12' 18" S	5	7	INAMHI	46	
H528	JUBONES DJ MINAS	LM	180	79° 22' 48" W	3° 20' 35" S	908	7	INAMHI	47	
H529	JUBONES DJ S.FRANCISCO	LG	180	79° 30' 18" W	3° 18' 29" S	680	1	INAMHI	47	119
H530	JUBONES EN USHCURRUMI	LM	180	79° 35' 55" W	3° 19' 11" S	230	1	INAMHI	48	120
H531	CASACAY AJ JUBONES	LM	180	79° 43' 24" W	3° 19' 32" S	110	7	INAMHI	48	121
H547	RIRCA EN P.ALTO SALTANA	LG	180	79° 13' 32" W	3° 15' 30" S		1	INAMHI	49	122
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	
H587	PINDO AJ AMARILLO	LG	200	79° 38' 8" W	3° 45' 43" S	563	7	INAMHI	50	123
H588	AMARILLO EN PORTOVELO	LM	200	79° 36' 45" W	3° 42' 44" S	660	7	INAMHI	51	
H589	PUYANGO AJ MARCABELI	LG	200	79° 55' 47" W	3° 49' 27" S	360	7	INAMHI	51	
H590	MARCABELI AJ PUYANGO	LM	200	79° 55' 55" W	3° 48' 37" S	450	7	INAMHI	52	
H591	PUYANGO EN CPTO.MILITAR (PTE.O	LG	200	80° 4' 47" W	3° 53' 0" S	300	7	INAMHI	52	124
H616	ALAMOR EN SAUCILLO(DJ CELICA)	LG	210	80° 11' 53" W	4° 15' 50" S	299	11	INAMHI	53	125
H621	JORUPE EN AMALUZA	LM	210	79° 25' 26" W	4° 34' 41" S	1655	11	INAMHI	53	
H625	ALAMOR EN PTE.MERCADILLO	LG	210	79° 58' 34" W	4° 1' 16" S	1080	11	INAMHI	54	126
H627	UCHIMA AJ CHAMBA	LM	210	79° 12' 13" W	4° 13' 49" S	1544	11	INAMHI	54	127
H718	QUIJOS EN BAEZA	LG	240	77° 53' 11" W	0° 27' 16" S	1770	15	INAMHI	55	128
H719	QUIJOS DJ OYACACHI	LG	240	77° 46' 30" W	0° 18' 10" S	1490	15	INAMHI	55	129
H722	YANAHURCO DJ VALLE	LG	240	78° 16' 52" W	0° 41' 30" S	3590	15	INAMHI	56	130
H731	COSANGA AJ QUIJOS	LG	240	77° 51' 50" W	0° 29' 30" S	1740	15	INAMHI	56	131
H733	QUIJOS AJ BORJA	LG	240	77° 49' 0" W	0° 25' 3" S	1635	15	INAMHI	57	
H764	CALAMACA DJ Q.HUARCUSACHA	LG	260	78° 49' 2" W	1° 16' 21" S	3440	18	INAMHI	57	132
H783	OZOGOCHÉ EN LOS LAGOS	LG	260	78° 36' 45" W	2° 13' 45" S	3715	6	INAMHI	58	133
H787	ALAO EN HDA.ALAO	LG	260	78° 30' 40" W	1° 52' 11" S	3200	6	INAMHI	58	134
H788	PUELA AJ CHAMBO	LG	260	78° 26' 53" W	1° 31' 48" S	2460	6	INAMHI	59	135
H789	GUARGUALLA AJ CEBADAS	LG	260	78° 36' 8" W	1° 52' 13" S	2828	6	INAMHI	59	
H790	CEBADAS AJ GUAMOTE	LG	260	78° 38' 18" W	1° 53' 0" S	2840	6	INAMHI	60	136
H791	BALSACON EN SAN ANDRES	LM	260	78° 43' 14" W	1° 34' 15" S	3000	6	INAMHI	60	137
H792	CUTUCHI AJ YANAYACU	LG	260	78° 36' 7" W	1° 3' 41" S	2692	5	INAMHI	61	138
H793	NAGSICHE PLTA.ELEC.CUSUBAMBA	LM	260	78° 41' 25" W	1° 3' 42" S	2960	5	INAMHI	61	
H799	CANAL MULALILLO	LM	260	78° 41' 32" W	1° 3' 34" S		5	INAMHI	62	
H817	PATATE DJ AMBATO	LG	260	78° 30' 36" W	1° 15' 0" S		18	INAMHI	62	
H881	BOMBOIZA AJ ZAMORA	LG	280	78° 29' 47" W	3° 27' 14" S	820	14	INAMHI	63	139
H884	ZAMORA AJ BOMBOIZA	LG	280	78° 29' 30" W	3° 27' 30" S	800	19	INAMHI	63	140
H887	YACUAMBI AJ ZAMORA	LG	280	78° 50' 52" W	3° 54' 26" S	890	19	INAMHI	64	141
H889	ZAMORA DJ SABANILLA(EN ZAMORA	LG	280	78° 56' 56" W	4° 3' 39" S	980	19	INAMHI	64	142
H894	PAUTE EN PAUTE(DJ GUALACEO)	LG	280	78° 44' 25" W	2° 43' 35" S	2150	1	INAMHI	65	143
H895	TOMEBAMBA EN MONAY	LG	280	78° 57' 59" W	2° 53' 29" S	2480	1	INAMHI	65	144
H896	MATADERO EN SAYAUSI	LG	280	79° 4' 0" W	2° 52' 1" S	2645	1	INAMHI	66	145
H897	SURUCUCHO AJ LLULLUCCHAS	LM	280	79° 7' 45" W	2° 50' 27" S	2980	1	INAMHI	66	146
H899	SAN FRANCISCO EN GUALACEO	LM	280	78° 45' 49" W	2° 53' 43" S	2400	1	INAMHI	67	147
H900	PAUTE AJ DUDAS	LG	280	78° 37' 29" W	2° 41' 10" S	2000	1	INAMHI	67	148
H902	DUDAS EN PINDILIG	LG	280	78° 40' 6" W	2° 37' 45" S	2450	3	INAMHI	68	149
H912	YACUAMBI EN LA PAZ	LG	280	78° 53' 48" W	3° 42' 30" S	940	19	INAMHI	68	150
H929	COLLAY AJ PAUTE	LG	280	78° 38' 59" W	2° 45' 30" S	2110	1	INAMHI	69	151
H966	MAYO AJ QDA.ZUMBAYACU	LG	300	79° 5' 22" W	4° 52' 25" S	700	19	INAMHI	69	152
HA2D	PORTOVIEJO EN PICOAZA	LG	110	80° 29' 7" W	1° 1' 30" S	63	13	INAMHI	70	153
HA2H	CLEMENTINA EN CLEMENTINA	LM	140	79° 23' 17" W	1° 42' 27" S		12	INAMHI	70	
HA2I	LOS TINTOS EN J.B. AGUIRRE	LM	140	79° 51' 54" W	1° 52' 30" S		9	INAMHI	71	
HA2L	SAMBORONDON EN SAMBORONDON	LG	140	79° 43' 6" W	1° 57' 42" S		9	INAMHI	71	
HA2U	CAMPANA-MALACATOS	LG	210	79° 12' 2" W	4° 9' 42" S	1678	11	INAMHI	72	
HA2V	MOYOCOCHA	LG	210	79° 16' 16" W	4° 18' 1" S	1455	11	INAMHI	72	
HA2X	YAMBALA	LM	210	79° 12' 1" W	4° 16' 25" S	1596	11	INAMHI	73	
HA2Z	CAONI A.J. BLANCO	LG	80	79° 15' 11" W	0° 7' 20" N	140	17	INAMHI	73	
HA39	CHUQUIRIBAMBA	LM	210	79° 20' 0" S	3° 51' 1" S		11	PREDESUR	74	
HA40	PORDEL	LM	210	79° 19' 40" W	3° 50' 2" S		11	PREDESUR	74	
HA41	LAS LAGRIMAS - RIO ZAMORA	LM	280	79° 13' 7" W	3° 56' 32" S		19	PREDESUR	75	
HA42	LLACO JARATENTA	LM	180	79° 17' 26" W	3° 37' 4" S		11	PREDESUR	75	
HA43	RIO JUMBILLA EN ZAMORA	LM	280	79° 9' 58" W	3° 52' 15" S		19	PREDESUR	76	
HB15	CHALPATAN	LG	20	77° 48' 59" W	0° 43' 46" N	3268	4	INAMHI	76	

NIVELES MEDIOS DIARIOS (cm)

2003

MIRA EN LITA													
H011	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	193 *	182 *	258 *	169 *	205 *	140 *	162 *	142 *	117 *	168 *	193 *	225 *	
2	173 *	164 *	234 *	157 *	213 *	231 *	157 *	140 *	120 *	174 *	185 *	218 *	
3	167 *	168 *	194 *	144 *	178 *	147 *	156 *	157 *	114 *	180 *	173 *	195 *	
4	165 *	162 *	187 *	143 *	163 *	166 *	155 *	154 *	115 *	196 *	168 *	188 *	
5	163 *	146 *	188 *	154 *	197 *	226 *	152 *	163 *	114 *	214 *	163 *	182 *	
6	159 *	162 *	213 *	143 *	185 *	195 *	152 *	172 *	97 *	170 *	167 *	173 *	
7	160 *	168 *	184 *	143 *	188 *	162 *	142 *	162 *	102 *	214 *	163 *	173 *	
8	144 *	162 *	172 *	144 *	193 *	155 *	177 *	155 *	120 *	224 *	166 *	166 *	
9	142 *	154 *	152 *	160 *	216 *	144 *	188 *	133 *	97 *	230 *	164 *	159 *	
10	147 *	162 *	161 *	152 *	188 *	139 *	197 *	132 *	117 *	204 *	189 *	153 *	
11	153 *	160 *	162 *	148 *	194 *	135 *	214 *	144 *	110 *	200 *	193 *	183 *	
12	144 *	144 *	159 *	199 *	217 *	127 *	222 *	140 *	123 *	167 *	206 *	183 *	
13	134 *	142 *	157 *	205 *	240 *	164 *	219 *	143 *	114 *	164 *	197 *	173 *	
14	144 *	154 *	145 *	221 *	216 *	170 *	205 *	141 *	124 *	205 *	195 *	163 *	
15	147 *	159 *	142 *	205 *	216 *	161 *	154 *	134 *	117 *	192 *	198 *	205 *	
16	140 *	134 *	142 *	176 *	205 *	185 *	145 *	137 *	108 *	169 *	192 *	178 *	
17	139 *	142 *	184 *	189 *	197 *	238 *	132 *	140 *	116 *	189 *	213 *	180 *	
18	142 *	192 *	183 *	218 *	194 *	197 *	162 *	144 *	115 *	273 *	189 *	173 *	
19	144 *	179 *	155 *	216 *	245 *	183 *	158 *	142 *	100 *	244 *	184 *	172 *	
20	145 *	186 *	143 *	212 *	242 *	182 *	154 *	134 *	112 *	240 *	183 *	163 *	
21	142 *	168 *	149 *	224 *	228 *	197 *	142 *	130 *	107 *	240 *	218 *	185 *	
22	161 *	154 *	147 *	286 *	203 *	172 *	140 *	142 *	113 *	235 *	226 *	183 *	
23	135 *	148 *	144 *	294 *	211 *	164 *	154 *	140 *	118 *	200 *	198 *	178 *	
24	135 *	139 *	155 *	230 *	230 *	158 *	152 *	134 *	120 *	180 *	228 *	173 *	
25	172 *	132 *	172 *	232 *	202 *	167 *	164 *	130 *	114 *	175 *	224 *	173 *	
26	167 *	196 *	194 *	230 *	200 *	185 *	155 *	126 *	148 *	185 *	238 *	188 *	
27	153 *	189 *	217 *	229 *	192 *	174 *	152 *	118 *	133 *	200 *	227 *	199 *	
28	162 *	198 *	194 *	241 *	195 *	168 *	145 *	120 *	127 *	210 *	219 *	193 *	
29	146 *	177 *	177 *	235 *	163 *	178 *	142 *	115 *	129 *	205 *	219 *	183 *	
30	138 *	182 *	182 *	223 *	162 *	174 *	140 *	120 *	126 *	223 *	229 *	199 *	
31	206 *	207 *	207 *	145 *	145 *	137 *	128 *	128 *	193 *	193 *	193 *	193 *	
Nivel Max.	228 *	213 *	259 *	295 *	246 *	241 *	223 *	193 *	155 *	291 *	240 *	225 *	
Día	31	26	1	23	19	2	12	6	26	20	26	1	
Hora	16	7	7	7	7	16	7	16	7	7	7	7	
Nivel Min.	133 *	131 *	141 *	128 *	143 *	126 *	131 *	114 *	95 *	119 *	160 *	150 *	
Día	13	25	16	16	31	12	17	29	6	6	5	10	
Hora	16	16	16	7	16	16	16	16	16	16	16	16	
Nivel Medio	153	162	176	197	201	173	162	139	116	202	197	182	

NOTA: * DATOS LIMNIMETRICOS

2003

2003													
H013		BLANCO AJ MIRA											
	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	111 *	120 *	144 *				151 *	101 *	84 *		187	171
	2	111 *	120 *	144 *				151 *	101 *	99 *		175	169
	3	112 *	114 *	143 *				150 *	101 *	97 *		166	171
	4	123 *	120 *	143 *				145 *	101 *	104 *		159	165
	5	111 *	120 *	143 *				144 *	101 *	102 *		157	160
	6	112 *	120 *	143 *				143 *	101 *	75 *		161	155
	7	130 *	120 *	143 *				145 *	101 *	71 *		172	150
	8	130 *	120 *	142 *				124 *	103 *	50 *		169	145
	9	124 *	116 *	142 *				123 *	115 *	43 *		173	142
	10	124 *	113 *	140 *				122 *	115 *	40 *		179	137
	11	124 *	113 *	132 *				111 *	115 *	30 *		177	140
	12	124 *	111 *	132 *				112 *	115 *	45 *		198	157
	13	123 *	111 *	132 *				111 *	115 *	50 *		189	150
	14	121 *	111 *	132 *				111 *	113 *	30 *		178	151
	15	130 *	130 *	132 *				111 *	113 *	35 *		171	155
	16	130 *	125 *	131 *				111 *	113 *	30 *		168	153
	17	130 *	130 *	135 *				111 *	111 *	30 *		162	148
	18	130 *	130 *	135 *				111 *	111 *	25 *		174	143
	19	130 *	130 *	135 *				111 *	101 *	25 *		167	140
	20	130 *	140 *	135 *				111 *	101 *	25 *		182	140
	21	130 *	141 *	135 *				111 *	101 *	30 *		196	136
	22	130 *	141 *	134 *				111 *	101 *	32 *		194	142
	23	133 *	141 *	134 *				111 *	83 *	33 *		188	139
	24	134 *	142 *	134 *				111 *	86 *	30 *		182	134
	25	132 *	150 *	133 *				111 *	89 *	61 *		189	133
	26	131 *	150 *	133 *				100 *	86 *	32 *		186	150
	27	134 *	150 *	133 *				101 *	87 *	25 *		185	171
	28	131 *	151 *	132 *				101 *	87 *	28 *		181	170
	29	120 *		132 *				101 *	84 *	82 *		177	170
	30	125 *		131 *				102 *	88 *	96 *		172	176
	31	124 *		131 *				102 *	89 *				172
	Nivel Max.	134 *	151 *	144 *				151 *	115 *	111 *		200	176
	Día	vv	28	vv				vv	vv	2		12	30
	Hora		7							17		12	17
	Nivel Mín.	111 *	111 *	131 *				100 *	83 *	22 *		155	132
	Día	vv	vv	vv				26	23	27		5	26
	Hora							17	17	17		14	
	Nivel Medio	125	128	136				118	101	51		177	153

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H015	CHOTA EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	149 *	112 *	206 *	156 *	144 *	189 *	177 *	186 *	205 *	140 *	159 *	121 *
2	161 *	113 *	223 *	141 *	143 *	175 *	169 *	217 *	198 *	149 *	165 *	134 *
3	141 *	114 *	199 *	138 *	129 *	148 *	174 *	151 *	156 *	134 *	192 *	152 *
4	153 *	126 *	198 *	152 *	135 *	147 *	165 *	111 *	157 *	125 *	214 *	151 *
5	158 *	132 *	230 *	162 *	148 *	164 *	194 *	207 *	145 *	145 *	149 *	178 *
6	177 *	124 *	182 *	169 *	130 *	156 *	181 *	209 *	134 *	151 *	144 *	173 *
7	164 *	129 *	160 *	130 *	131 *	174 *	159 *	164 *	115 *	157 *	115 *	205 *
8	143 *	162 *	149 *	128 *	144 *	180 *	176 *	182 *	115 *	176 *	131 *	194 *
9	149 *	152 *	171 *	127 *	151 *	146 *	160 *	209 *	123 *	176 *	120 *	202 *
10	137 *	192 *	198 *	177 *	149 *	163 *	156 *	186 *	133 *	211 *	122 *	173 *
11	119 *	191 *	139 *	186 *	139 *	166 *	214 *	164 *	144 *	219 *	129 *	147 *
12	121 *	190 *	131 *	185 *	164 *	155 *	199 *	155 *	197 *	191 *	137 *	146 *
13	118 *	163 *	162 *	185 *	189 *	149 *	140 *	158 *	198 *	156 *	178 *	167 *
14	165 *	149 *	142 *	139 *	188 *	179 *	132 *	187 *	175 *	166 *	205 *	163 *
15	166 *	141 *	157 *	165 *	144 *	154 *	140 *	148 *	175 *	152 *	307 *	176 *
16	166 *	190 *	144 *	171 *	136 *	151 *	140 *	188 *	169 *	145 *	225 *	176 *
17	134 *	182 *	155 *	171 *	194 *	150 *	135 *	121 *	169 *	138 *	165 *	175 *
18	155 *	234 *	177 *	191 *	159 *	146 *	158 *	138 *	153 *	146 *	139 *	186 *
19	200 *	212 *	152 *	200 *	173 *	133 *	169 *	143 *	134 *	167 *	187 *	150 *
20	189 *	212 *	158 *	213 *	170 *	166 *	166 *	165 *	134 *	152 *	214 *	151 *
21	188 *	176 *		247 *	172 *	176 *	190 *	168 *	145 *	109 *	157 *	141 *
22	156 *	142 *		173 *	189 *	171 *	201 *	112 *	155 *	127 *	141 *	108 *
23	145 *	132 *		183 *	175 *	189 *	196 *	114 *	132 *	148 *	131 *	139 *
24	146 *	146 *		145 *	168 *	169 *	309 *	134 *	132 *	152 *	137 *	127 *
25	157 *	136 *	109 *	134 *	187 *	166 *	326 *	135 *	114 *	130 *	145 *	209 *
26	177 *	136 *	189 *	171 *	124 *	176 *	169 *	166 *	114 *	165 *	119 *	232 *
27		145 *	152 *	178 *	145 *	188 *	139 *	112 *	122 *	195 *	140 *	199 *
28		168 *	138 *	151 *	163 *	219 *	136 *	137 *	133 *	187 *	146 *	208 *
29			160 *	158 *	154 *	222 *	145 *	197 *	138 *	194 *	152 *	196 *
30			137 *	192 *	143 *	208 *	167 *	160 *	154 *	186 *	206 *	198 *
31			190 *		151 *		164 *			181 *		232 *
Nivel Max.		298 *		309 *	198 *	224 *	327 *		205 *	234 *	323 *	269 *
Día		18		21	21	29	25		1	11	4	27
Hora		7		17	7	7	17		7	7	17	7
Nivel Mín.		104 *		114 *	112 *	109 *	112 *		114 *	104 *	102 *	101 *
Día		7		14	7	18	16		wv	21	7	22
Hora		17		7	17	7	7			7	7	7
Nivel Medio	155	157	167	167	156	169	175	161	149	160	162	171

NOTA: * DATOS LIMNIMETRICOS

wv = Evento registrado en varios días

2003

H016	APAQUI AJ CHOTA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	176 *	171 *	177 *	176 *	196 *	194 *	188 *	234 *	196 *	207 *	183 *	196 *
2	175 *	177 *	175 *	175 *	195 *	151 *	185 *	228 *	193 *	197 *	179 *	193 *
3	172 *	188 *	181 *	192 *	181 *	106 *	202 *	222 *	184 *	190 *	176 *	191 *
4	171 *	184 *	195 *	184 *	178 *	99 *	203 *	219 *	188 *	185 *	173 *	189 *
5	170 *	179 *	221 *	181 *	175 *	93 *	191 *	210 *	195 *	181 *	172 *	187 *
6	171 *	199 *	197 *	179 *	210 *	87 *	187 *	201 *	192 *	183 *	169 *	181 *
7	172 *	197 *	186 *	177 *	209 *	185 *	183 *	195 *	191 *	182 *	172 *	178 *
8	173 *	190 *	180 *	172 *	205 *	182 *	199 *	195 *	187 *	193 *	176 *	176 *
9	174 *	185 *	179 *	175 *	194 *	179 *	200 *	195 *	184 *	224 *	181 *	173 *
10	173 *	185 *	179 *	177 *	188 *	178 *	195 *	192 *	181 *	197 *	176 *	172 *
11	171 *	180 *	182 *	174 *	203 *	177 *	300 *	190 *	180 *	194 *	175 *	173 *
12	171 *	180 *	192 *	173 *	232 *	176 *	274 *	189 *	183 *	188 *	179 *	174 *
13	169 *	177 *	182 *	186 *	229 *	175 *	252 *	196 *	197 *	185 *	175 *	174 *
14	169 *	176 *	180 *	205 *	222 *	174 *	218 *	216 *	191 *	202 *	175 *	176 *
15	172 *	175 *	178 *		222 *	174 *	202 *	208 *	190 *	220 *	174 *	177 *
16	171 *	176 *	181 *		246 *	176 *	201 *	201 *	187 *	209 *	172 *	177 *
17	169 *	173 *	179 *	177 *	224 *	179 *	226 *	194 *	187 *	196 *	173 *	178 *
18	169 *	170 *	179 *	189 *	229 *	178 *	231 *	201 *	205 *	186 *	174 *	178 *
19	169 *	167 *	181 *	174 *	235 *	177 *	230 *	204 *	203 *	183 *	174 *	179 *
20	169 *	172 *	173 *	175 *	227 *	181 *	217 *	196 *	199 *	183 *	174 *	192 *
21	167 *	170 *	182 *	178 *	215 *	182 *	217 *	192 *	197 *	199 *	178 *	188 *
22	165 *	166 *	179 *	176 *	207 *	180 *	225 *	190 *	193 *	188 *	179 *	187 *
23	164 *	166 *	179 *	172 *	204 *	178 *	216 *	188 *	189 *	190 *	181 *	187 *
24	163 *	168 *	178 *	172 *	199 *	178 *	224 *	185 *	188 *	182 *	187 *	213 *
25	165 *	175 *	174 *	181 *	197 *	180 *	241 *	183 *	186 *	177 *	196 *	205 *
26	164 *	173 *	177 *	181 *	192 *	242 *	234 *	186 *	180 *	176 *	192 *	197 *
27	163 *	169 *	195 *	184 *	187 *	217 *	216 *	195 *	177 *	176 *	184 *	191 *
28	162 *	196 *	193 *	185 *	185 *	200 *	208 *	204 *	186 *	176 *	181 *	197 *
29	163 *		188 *	183 *	191 *	192 *	203 *	206 *	199 *	175 *	177 *	192 *
30	165 *		186 *	193 *	192 *	198 *	222 *	208 *	200 *	180 *	187 *	197 *
31	173 *		180 *		191 *		241 *	210 *		188 *		194 *
Nivel Max.	176 *	202 *	237 *		266 *	268 *	316 *	235 *	222 *	223 *	198 *	216 *
Día	1	6	5		16	26	2	1	18	16	25	24
Hora	7	18	18		18	18	18	7	18	7	7	7
Nivel Mín.	161 *	165 *	172 *		173 *	86 *	181 *	181 *	175 *	174 *	168 *	171 *
Día	27	19	20		5	6	2	24	27	25	6	9
Hora	18	18	18		18	18	18	18	18	18	18	18
Nivel Medio	169	178	183	180	205	172	217	201	190	190	178	186

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H017	APAQUI D GRUTA LA PAZ #3											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	20 *		18 *	37 *	30 *	49 *	42 *	58 *	37 *	49 *	24 *	58 *
2	18 *		23 *	38 *	30 *	38 *	38 *	60 *	35 *	47 *	19 *	33 *
3	18 *		47 *	36 *	29 *	39 *	44 *	78 *	38 *	39 *	21 *	29 *
4	17 *		70 *	30 *	31 *	42 *	63 *	69 *	44 *	33 *	23 *	26 *
5	19 *		50 *	27 *	39 *	37 *	39 *	45 *	49 *	27 *	23 *	23 *
6	20 *		43 *	27 *	78 *	40 *	34 *	42 *	43 *	27 *	20 *	21 *
7	22 *		53 *	21 *	58 *	32 *	30 *	37 *	32 *	27 *	20 *	27 *
8	19 *		32 *	21 *	48 *	21 *	53 *	35 *	33 *	32 *	18 *	30 *
9	17 *		27 *	20 *	39 *	19 *	60 *	38 *	31 *	68 *	19 *	26 *
10	20 *		30 *	25 *	35 *	18 *	85 *	48 *	29 *	59 *	19 *	19 *
11	20 *		38 *	28 *	58 *	17 *	130 *	65 *	32 *	29 *	18 *	17 *
12	18 *		40 *	19 *	108 *	18 *	110 *	59 *	32 *	20 *	18 *	20 *
13	18 *		38 *	20 *	83 *	18 *	100 *	68 *	43 *	68 *	18 *	24 *
14	20 *		34 *	44 *	84 *	19 *	79 *	71 *	43 *	63 *	18 *	25 *
15	20 *		41 *	33 *	64 *	21 *	82 *	79 *	37 *	54 *	19 *	22 *
16	21 *		40 *	35 *	60 *	24 *	69 *	44 *	67 *	53 *	19 *	21 *
17	18 *		37 *	30 *	95 *	23 *	110 *	47 *	62 *	38 *	20 *	19 *
18	17 *		40 *	25 *	88 *	39 *	75 *	43 *	54 *	31 *	21 *	43 *
19	16 *		29 *	28 *	105 *	48 *	63 *	43 *	68 *	28 *	23 *	45 *
20	16 *		27 *	26 *	85 *	46 *	53 *	36 *	42 *	26 *	19 *	37 *
21	16 *		23 *	24 *	63 *	42 *	63 *	33 *	39 *	48 *	19 *	63 *
22	15 *		17 *	26 *	55 *	43 *	74 *	31 *	38 *	32 *	21 *	50 *
23	15 *		23 *	26 *	42 *	68 *	95 *	29 *	34 *	24 *	21 *	39 *
24	15 *		31 *	25 *	64 *	49 *	68 *	27 *	34 *	28 *	29 *	47 *
25	15 *		38 *	28 *	42 *	88 *	115 *	20 *	31 *	27 *	31 *	39 *
26	15 *		48 *	30 *	41 *	69 *	95 *	28 *	27 *	19 *	33 *	34 *
27	15 *		80 *	31 *	42 *	65 *	74 *	40 *	31 *	19 *	29 *	30 *
28	15 *		37 *	31 *	44 *	59 *	53 *	72 *	34 *	19 *	26 *	27 *
29	15 *		30 *	32 *	48 *	89 *	61 *	58 *	48 *	33 *	24 *	24 *
30	15 *		25 *	33 *	49 *	78 *	80 *	49 *	38 *	31 *	26 *	24 *
31	15 *		21 *		48 *		110 *	43 *		27 *		25 *
Nivel Max.	22 *		80 *	48 *	120 *	110 *	140 *	80 *	98 *	85 *	33 *	65 *
Día	7		4	14	19	25	11	15	16	9	26	1
Hora	7		18	18	6	18	6	6	18	18	6	6
Nivel Min.	15 *		16 *	18 *	20 *	16 *	30 *	20 *	25 *	18 *	18 *	15 *
Día	vv		22	12	16	11	7	25	26	27	vv	11
Hora			18	6	6	18	18	18	6	6		6
Nivel Medio	17		36	28	57	42	72	48	40	36	22	31

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H024	BLANCO EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	56 *	54 *	59 *	55 *	56 *	54 *	53	53	52	55	54	63
2	56 *	54 *	59 *	55 *	56 *	54 *	53	53	52	55	54	60
3	56 *	54 *	60 *	55 *	56 *	54 *	53	53	53	55	54	57
4	56 *	54 *	60 *	55 *	56 *	54 *	53	53	53	55	54	56
5	56 *	54 *	60 *	55 *	56 *	54 *	53	53	52	55	54	56
6	56 *	54 *	63 *	57 *	56 *	54 *	53	53	51	55	54	56
7	56 *	54 *	63 *	57 *	56 *	54 *	53	53	51	55	55	55
8	56 *	54 *	63 *	57 *	55 *	55 *	57	52	51	55	58	55
9	56 *	54 *	63 *	57 *	55 *	55 *	54	53	51	55	55	55
10	56 *	54 *	59 *	57 *	55 *	55 *	54	52	51	55	56	55
11	56 *	54 *	59 *	57 *	55 *	55 *	57	53	51	55	57	55
12	56 *	54 *	59 *	57 *	55 *	55 *	55	52	51	55	58	55
13	56 *	54 *	60 *	57 *	55 *	55 *	54	52	51	55	55	55
14	56 *	54 *	60 *	57 *	55 *	55 *	53	53	51	55	55	58
15	56 *	54 *	60 *	57 *	55 *	55 *	53	54	51	55	54	59
16	56 *	54 *	60 *	57 *	55 *	55 *	53	53	51	55	54	55
17	56 *	58 *	59 *	55 *	54 *	55 *	53	53	51	55	55	55
18	56 *	58 *	55 *	55 *	54 *	55 *	53	53	51	55	55	55
19	56 *	58 *	55 *	55 *	54 *	55	52	53	51	55	54	55
20	56 *	60 *	55 *	55 *	54 *	56	53	53	51	55	57	54
21	55 *	60 *	55 *	55 *	54 *	57	52	53	51	55	58	54
22	55 *	59 *	55 *	55 *	54 *	54	53	52	51	55	64	55
23	55 *	59 *	55 *	55 *	54 *	55	52	52	51	55	58	54
24	54 *	59 *	55 *	55 *	54 *	54	53	53	51	55	61	54
25	54 *	58 *	55 *	55 *	54 *	54	53	53	51	55	57	54
26	54 *	58 *	55 *	55 *	54 *	55	52	53	51	55	56	61
27	54 *	58 *	55 *	55 *	54 *	54	53	52	51	55	57	61
28	54 *	58 *	56 *	55 *	54 *	54	52	52	51	55	55	56
29	54 *		56 *	55 *	54 *	54	52	53	51	56	58	56
30	54 *		56 *	55 *	54 *	54	53	53	51	57	58	55
31	54 *		56 *		54 *		54	53		55		56
Nivel Max.	56 *	60 *	63 *	57 *	56 *	59	60	54	53	59	86	67
Día	vv	vv	vv	vv	vv	20	11	15	vv	29	24	25
Hora						15	7	18		23	15	23
Nivel Min.	54 *	54 *	55 *	55 *	54 *	54	52	52	51	54	53	54
Día	vv	vv	vv	vv	vv	vv	vv	vv	vv	31	19	vv
Hora										12	15	
Nivel Medio	55	56	58	56	55	55	53	53	51	55	56	56

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H026 ITAMBI EN L.S.PABLO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	65 *	94 *	67 *	70 *	75 *	69 *	62 *	62 *	63 *	67 *	180 *
2	55 *	65 *	83 *	66 *	70 *	75 *	69 *	62 *	62 *	64 *	67 *	91 *
3	55 *	65 *	75 *	66 *	70 *	75 *	69 *	63 *	62 *	64 *	67 *	91 *
4	55 *	65 *	69 *	65 *	69 *	74 *	68 *	64 *	62 *	64 *	68 *	82 *
5	55 *	65 *	65 *	65 *	70 *	74 *	68 *	64 *	62 *	64 *	68 *	72 *
6	55 *	65 *	64 *	65 *	71 *	74 *	68 *	64 *	62 *	64 *	68 *	72 *
7	55 *	65 *	64 *	65 *	73 *	74 *	68 *	64 *	64 *	64 *	67 *	72 *
8	55 *	65 *	64 *	65 *	71 *	74 *	70 *	64 *	64 *	67 *	68 *	72 *
9	56 *	65 *	64 *	65 *	72 *	75 *	68 *	64 *	64 *	67 *	68 *	72 *
10	56 *	64 *	64 *	64 *	72 *	78 *	68 *	64 *	63 *	67 *	69 *	70 *
11	57 *	64 *	64 *	67 *	72 *	79 *	83 *	63 *	62 *	67 *	70 *	70 *
12	57 *	64 *	64 *	70 *	73 *	79 *	70 *	63 *	60 *	67 *	71 *	72 *
13	57 *	64 *	66 *	70 *	72 *	79 *	68 *	63 *	60 *	67 *	70 *	72 *
14	55 *	64 *	65 *	72 *	72 *	79 *	67 *	63 *	60 *	67 *	70 *	72 *
15	57 *	63 *	65 *	72 *	72 *	79 *	67 *	63 *	60 *	66 *	69 *	72 *
16	57 *	63 *	65 *	67 *	72 *	82 *	67 *	63 *	60 *	66 *	69 *	72 *
17	57 *	63 *	66 *	71 *	72 *	81 *	64 *	63 *	62 *	66 *	69 *	72 *
18	57 *	63 *	66 *	70 *	72 *	77 *	64 *	63 *	62 *	66 *	69 *	70 *
19	57 *	66 *	66 *	99 *	72 *	72 *	63 *	63 *	62 *	66 *	69 *	70 *
20	57 *	66 *	97 *	86 *	72 *	71 *	62 *	63 *	62 *	66 *	100 *	70 *
21	57 *	66 *	104 *	78 *	74 *	71 *	62 *	64 *	62 *	66 *	71 *	70 *
22	57 *	66 *	90 *	77 *	74 *	73 *	62 *	64 *	62 *	66 *	70 *	70 *
23	57 *	66 *	70 *	72 *	73 *	71 *	62 *	64 *	61 *	67 *	70 *	70 *
24	57 *	66 *	69 *	72 *	73 *	70 *	62 *	64 *	62 *	69 *	71 *	72 *
25	57 *	66 *	74 *	71 *	74 *	70 *	62 *	64 *	62 *	70 *	70 *	70 *
26	57 *	66 *	74 *	74 *	74 *	70 *	62 *	64 *	62 *	69 *	104 *	70 *
27	57 *	85 *	78 *	72 *	74 *	70 *	62 *	64 *	62 *	69 *	77 *	70 *
28	57 *	84 *	69 *	72 *	74 *	69 *	62 *	64 *	66 *	68 *	73 *	70 *
29	58 *		69 *	72 *	74 *	69 *	62 *	64 *	65 *	67 *	74 *	68 *
30	65 *		69 *	72 *	75 *	69 *	62 *	64 *	62 *	67 *	106 *	66 *
31	60 *		67 *		75 *		62 *	64 *		67 *		64 *
Nivel Max.	65 *	102 *	132 *	128 *	75 *	84 *	88 *	64 *	68 *	70 *	141 *	182 *
Día	30	27	21	19	vv	16	11	vv	29	25	30	1
Hora	7	18	18	18		18	7		7	18	18	7
Nivel Min.	55 *	63 *	64 *	63 *	69 *	69 *	62 *	62 *	60 *	62 *	67 *	64 *
Día	vv	vv	vv	10	4	vv	vv	vv	vv	1	vv	31
Hora				7	18					18		18
Nivel Medio	57	66	72	71	72	74	66	63	62	66	73	76

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H045 APAQUI DJ MINAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	60 *	58 *	55 *	87 *	90 *	67 *	88 *	90 *	80 *	64 *	80 *
2	55 *	70 *	58 *	55 *	70 *	85 *	85 *	80 *	80 *	80 *	64 *	80 *
3	55 *	70 *	58 *	55 *	69 *	75 *	85 *	80 *	80 *	75 *	64 *	70 *
4	55 *	70 *	70 *	58 *	70 *	70 *	75 *	80 *	75 *	65 *	64 *	59 *
5	55 *	70 *	100 *	58 *	69 *	70 *	72 *	80 *	80 *	65 *	64 *	58 *
6	55 *	70 *	95 *	58 *	110 *	70 *	70 *	80 *	85 *	63 *	64 *	58 *
7	55 *	70 *	70 *	58 *	90 *	70 *	78 *	80 *	70 *	60 *	64 *	58 *
8	55 *	65 *	60 *	58 *	93 *	70 *	100 *	70 *	70 *	60 *	64 *	55 *
9	55 *	60 *	60 *	58 *	83 *	70 *	78 *	70 *	70 *	60 *	62 *	55 *
10	55 *	60 *	60 *	58 *	85 *		79 *	70 *	65 *	58 *	62 *	55 *
11	55 *	60 *	60 *	58 *	90 *	60 *	115 *	70 *	60 *	58 *	62 *	55 *
12	54 *	60 *	60 *	50 *	120 *	58 *	200 *	70 *	73 *	60 *	62 *	55 *
13	54 *	60 *	63 *	50 *	120 *	60 *	145 *	70 *	70 *	60 *	59 *	57 *
14	54 *	60 *	70 *	50 *	125 *	60 *	90 *	80 *	80 *	60 *	58 *	58 *
15	54 *	67 *	71 *	50 *	160 *	60 *	80 *	85 *	70 *	60 *	58 *	58 *
16	54 *		73 *	50 *	100 *	60 *	75 *	90 *		60 *	62 *	
17	54 *	58 *	80 *	50 *	145 *	60 *	130 *	90 *	85 *	60 *	62 *	60 *
18	54 *	58 *	75 *	58 *	160 *	60 *	120 *	90 *	90 *	58 *	62 *	60 *
19	55 *	60 *	70 *	58 *	150 *	58 *	110 *	125 *	80 *	58 *	64 *	88 *
20	53 *	60 *	70 *	58 *	100 *	73 *	110 *	100 *	90 *	58 *	64 *	74 *
21	53 *	58 *	80 *	58 *	100 *	75 *	120 *	90 *	100 *	58 *	64 *	90 *
22	53 *	58 *	78 *	58 *	93 *	85 *	135 *	80 *	100 *	58 *	69 *	70 *
23	53 *	55 *	65 *	59 *	85 *	120 *	150 *	70 *	90 *	58 *	69 *	78 *
24	52 *	55 *	60 *	60 *	85 *	120 *	150 *	68 *	70 *	58 *	69 *	78 *
25	52 *	55 *	60 *	70 *	85 *	99 *	150 *	70 *	75 *	58 *	69 *	65 *
26	50 *	55 *	65 *	80 *	85 *	83 *	160 *	70 *	85 *	58 *	69 *	65 *
27	53 *	58 *	70 *	75 *	85 *	80 *	130 *	89 *	90 *	60 *	68 *	65 *
28	58 *	58 *	73 *	75 *	83 *	80 *	130 *	100 *	80 *	60 *	68 *	85 *
29	58 *		60 *	74 *	83 *	80 *	120 *	90 *	70 *	58 *	70 *	75 *
30	58 *		60 *	103 *	85 *	80 *	110 *	80 *	75 *	58 *	79 *	70 *
31	58 *		60 *		85 *		100 *			58 *		70 *
Nivel Max.	58 *		100 *	105 *	160 *		200 *			80 *	80 *	
Día	vv		5	30	vv					vv	30	
Hora			6	18			6				18	
Nivel Min.	50 *		58 *	50 *	68 *		63 *			58 *	55 *	
Día	26		vv	vv	3		1			vv		
Hora	18				18		6				6	
Nivel Medio	54	61	68	60	98	75	110	82	79	61	65	67

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H064 EL ANGEL EN PTE.AYORA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1							67 *	69 *	63 *	69 *	81 *	115 *
2							67 *	66 *	63 *	67 *	78 *	112 *
3							67 *	65 *	63 *	66 *	77 *	109 *
4							66 *	65 *	63 *	67 *	79 *	101 *
5							65 *	65 *	64 *	66 *	77 *	97 *
6							65 *	64 *	64 *	66 *	75 *	95 *
7							66 *	64 *	64 *	67 *	73 *	95 *
8							73 *	64 *	65 *	84 *	85 *	89 *
9							66 *	64 *	62 *	116 *	81 *	86 *
10							65 *	64 *	62 *	112 *	99 *	84 *
11						74 *	123 *	65 *	64 *	89 *	88 *	83 *
12						72 *	93 *	63 *	64 *	88 *	89 *	81 *
13						72 *	88 *	63 *	64 *	79 *	88 *	82 *
14						71 *	81 *	64 *	64 *	75 *	81 *	83 *
15						70 *	75 *	64 *	64 *	74 *	79 *	83 *
16						70 *	73 *	64 *	63 *	69 *	81 *	83 *
17						70 *	73 *	64 *	62 *	68 *	79 *	82 *
18						70 *	69 *	65 *	61 *	73 *	78 *	81 *
19						70 *	69 *	65 *	64 *	77 *	77 *	86 *
20						69 *	69 *	63 *	64 *	75 *	160 *	89 *
21						68 *	68 *	62 *	65 *	72 *	130 *	86 *
22						67 *	67 *	62 *	64 *	72 *	111 *	84 *
23						69 *	66 *	62 *	64 *	75 *	97 *	83 *
24						66 *	65 *	62 *	63 *	71 *	109 *	81 *
25						65 *	66 *	62 *	64 *	68 *	113 *	79 *
26						71 *	67 *	62 *	69 *	76 *	122 *	79 *
27						70 *	67 *	62 *	66 *	71 *	103 *	70 *
28						69 *	69 *	61 *	81 *	69 *	116 *	79 *
29						67 *	68 *	61 *	79 *	72 *	121 *	152 *
30						66 *	68 *	63 *	71 *	89 *	115 *	84 *
31							67 *	63 *		82 *		83 *
Nivel Max.							123 *	69 *	81 *	116 *	160 *	152 *
Día							11	1	28	9	20	29
Hora							17	17	17	17	17	17
Nivel Min.							65 *	61 *	61 *	66 *	73 *	70 *
Día							vv	vv		vv	7	27
Hora									17		17	17
Nivel Medio						69	72	64	65	76	95	90

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H091 GRANDE AJ JATIVA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	54 *	50 *	55 *	57 *	61 *	58 *	52	47	41	45 *	59 *	55 *
2	53 *	53 *	56 *	56 *	59 *	63 *	51	47	41	45 *	58 *	55 *
3	54 *	54 *	56 *	55 *	57 *	57 *	49	49	40	45 *	55 *	56 *
4	54 *	54 *	57 *	54 *	56 *	64 *	48	47	41	46 *	55 *	54 *
5	53 *	53 *	56 *	54 *	54 *	65 *	48	46	41	50 *	54 *	54 *
6	52 *	54 *	55 *	52 *	56 *	60 *	47	46	41	52 *	54 *	53 *
7	50 *	53 *	55 *	52 *	63 *	60 *	48	46	41	56 *	50 *	52 *
8	50 *	53 *	54 *	50 *	65 *	58 *	52	46	41	68 *	50 *	51 *
9	50 *	53 *	53 *	50 *	59 *	58 *	53	46	42	63 *	50 *	50 *
10	49 *	53 *	52 *	53 *	59 *	52	50	44	41	60 *	55 *	50 *
11	49 *	52 *	51 *	50 *	58 *	52	77	44	40	59 *	54 *	54 *
12	49 *	52 *	50 *	60 *	58 *	53	64	44	41	58 *	55 *	55 *
13	48 *	50 *	50 *	63 *	63 *	52	58	43	41	57 *	51 *	56 *
14	48 *	52 *	51 *	60 *	65 *	54	55	44	42	56 *	51 *	56 *
15	48 *	50 *	50 *	57 *	62 *	54	53	44	42	55 *	50 *	55 *
16	47 *	49 *	49 *	57 *	61 *	58	52	43	42	55 *	50 *	58 *
17	46 *	49 *	49 *	57 *	60 *	58	51	42	41	50 *	50 *	57 *
18	47 *	49 *	48 *	60 *	60 *	56	51	42	41	50 *	50 *	55 *
19	47 *	50 *	47 *	59 *	59 *	51	51	42	42	50 *	48 *	55 *
20	46 *	50 *	50 *	58 *	57 *	53	50	42	42	50 *	47 *	56 *
21	46 *	50 *	50 *	57 *	57 *	52	48	42	42	50 *	45 *	55 *
22	46 *	49 *	49 *	67 *	56 *	50	47	42	42	50 *	45 *	54 *
23	45 *	49 *	47 *	69 *	56 *	50	47	42	42	52 *	46 *	54 *
24	45 *	49 *	46 *	67 *	55 *	50	49	42	42	52 *	69 *	55 *
25	45 *	49 *	46 *	66 *	54 *	52	50	42	42	50 *	71 *	52 *
26	44 *	50 *	47 *	64 *	53 *	57	51	42	42	56 *	60 *	52 *
27	44 *	53 *	49 *	66 *	50 *	57	50	42	42	56 *	58 *	53 *
28	44 *	53 *	51 *	65 *	51 *	53	47	42	42	55 *	55 *	52 *
29	44 *		55 *	65 *	53 *	52	46	42	42	60 *	60 *	52 *
30	43 *		58 *	62 *	54 *	53	47	41	42	58 *	58 *	51 *
31	43 *		61 *		54 *		50	42		60 *		51 *
Nivel Max.	54 *	55 *	62 *	69 *	70 *	70 *	86	50	42	68 *	77 *	58 *
Día	vv	27	31	23	8	4	11	3	vv	8	25	17
Hora		17	17	7	17	17	6	4		7	17	7
Nivel Min.	42 *	48 *	45 *	49 *	50 *	49	46	41	40	45 *	44 *	50 *
Día	31	18	23	9	28	24	30	30	vv	vv	22	vv
Hora	17	7	17	17	7	18	18	12			7	
Nivel Medio	48	51	52	58	57	55	51	44	41	54	54	54

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H138	BLANCO DJ TOACHI(PTE.UNICOOP)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	200 *	180 *	230 *	160 *	150 *	140 *	114	74	47	50 *	55 *	100 *
2	200 *	180 *	220 *	150 *	140 *	140 *	111	75	42	50 *	50 *	60 *
3	180 *	180 *	200 *	150 *	140 *	180 *	109	74	43	50 *	40 *	60 *
4	190 *	160 *	200 *	150 *	130 *	130 *	108	66	53	50 *	40 *	50 *
5	200 *	170 *	180 *	150 *	140 *	120 *	116	73	65	40 *	40 *	40 *
6	180 *	180 *	180 *	140 *	140 *	120 *	144	64	67	90 *	40 *	40 *
7	160 *	180 *	180 *	140 *	120 *	131	126	67	49	60 *	40 *	40 *
8	180 *	170 *	200 *	160 *	120 *	127	114	65	45	50 *	40 *	40 *
9	200 *	160 *	220 *	150 *	110 *	126	110	64	47	50 *	40 *	50 *
10	200 *	160 *	260 *	140 *	120 *	125	112	65	46	60 *	40 *	60 *
11	180 *	180 *	280 *	120 *	120 *	125	107	57	55	60 *	50 *	40 *
12	180 *	180 *	280 *	120 *	120 *	129	107	56	60	50 *	40 *	40 *
13	190 *	200 *	240 *	150 *	120 *	127	105	58	48	50 *	40 *	50 *
14	190 *	200 *	300 *	160 *	190 *	125	108	56	42	40 *	50 *	50 *
15	200 *	200 *	280 *	140 *	180 *	125	107	55	45	40 *	40 *	60 *
16	200 *	200 *	320 *	140 *	180 *	124	100	54	41	40 *	40 *	80 *
17	200 *	200 *	380 *	140 *	180 *	122	92	56	44	100 *	50 *	100 *
18	200 *	230 *	280 *	160 *	180 *	123	88	50	40 *	80 *	50 *	100 *
19	180 *	250 *	260 *	160 *	180 *	122	86	55	60 *	70 *	40 *	90 *
20	190 *	200 *	260 *	180 *	170 *	121	79	53	50 *	60 *	60 *	100 *
21	200 *	180 *	260 *	180 *	155 *	122	77	47	50 *	60 *	60 *	110 *
22	200 *	180 *	240 *	180 *	165 *	121	86	58	40 *	50 *	50 *	100 *
23	160 *	160 *	200 *	180 *	170 *	123	78	67	40 *	50 *	70 *	90 *
24	160 *	180 *	200 *	180 *	150 *	123	79	53	40 *	50 *	60 *	90 *
25	180 *	180 *	200 *	200 *	140 *	117	75	51	40 *	60 *	50 *	100 *
26	180 *	160 *	180 *	200 *	160 *	112	75	52	60 *	70 *	40 *	210 *
27	180 *	180 *	180 *	180 *	170 *	108	90	45	60 *	60 *	40 *	240 *
28	200 *	250 *	170 *	180 *	160 *	109	86	43	40 *	60 *	50 *	260 *
29	200 *		170 *	160 *	160 *	121	78	44	40 *	60 *	80 *	200 *
30	150 *		160 *	150 *	160 *	118	78	45	50 *	60 *	100 *	180 *
31	150 *		160 *		140 *		73	43		60 *		140 *
Nivel Max.	200 *	250 *	380 *	200 *	190 *	180 *	148	77	71	100 *	100 *	260 *
Día	vv	vv	17	vv	14	3	6	3	6	17	30	28
Hora			7		7	7	7	3	1	7	7	7
Nivel Min.	150 *	160 *	160 *	120 *	110 *	100 *	72	42	39	40 *	40 *	40 *
Día	vv	vv	vv	vv	9	19	31	31	2	vv	vv	vv
Hora					18	18	16	13	23			
Nivel Medio	186	187	228	158	150	125	97	58	48	57	50	96

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H143	GRANOBLES AJ GUACHALA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	79 *	114 *	71 *	87 *		59 *	56 *	96 *		89 *	64 *	168 *
2	76 *	112 *	70 *	90 *		54 *	55 *	86 *		84 *	68 *	160 *
3	79 *	101 *	72 *	91 *		53 *	53 *	83 *		82 *	75 *	145 *
4	76 *	93 *	75 *	93 *		51 *	56 *	82 *		79 *	83 *	131 *
5	73 *	88 *	75 *	96 *		52 *	60 *	80 *		80 *	83 *	131 *
6	70 *	86 *	76 *	94 *		50 *	66 *	80 *		79 *	80 *	123 *
7	76 *	81 *	73 *	92 *		54 *	71 *	77 *		75 *	82 *	109 *
8	82 *	77 *	72 *	94 *		58 *	116 *	75 *		75 *	83 *	98 *
9	83 *	76 *	70 *	98 *		64 *	97 *	75 *		73 *	85 *	98 *
10	79 *	70 *	71 *	104 *		66 *	91 *	73 *		76 *	87 *	94 *
11	80 *	62 *	74 *	98 *		69 *	90 *	73 *		88 *	84 *	91 *
12	82 *	62 *	75 *	94 *		71 *	87 *	71 *		91 *	84 *	94 *
13	80 *	64 *	78 *	97 *		69 *	86 *	70 *		84 *	85 *	96 *
14	79 *	65 *	77 *	99 *		71 *	84 *	71 *		84 *	91 *	102 *
15	76 *	63 *	75 *	103 *		75 *	82 *	68 *		80 *	91 *	112 *
16	73 *	60 *	72 *	104 *		75 *	80 *	65 *		80 *	93 *	174 *
17	71 *	58 *	76 *	104 *		77 *	74 *	65 *		77 *	94 *	149 *
18	70 *	55 *	74 *	100 *		71 *	70 *	64 *		75 *	96 *	125 *
19	70 *	54 *	77 *	97 *		64 *	69 *	63 *		75 *	98 *	113 *
20	68 *	53 *	80 *	99 *		62 *	68 *	65 *		73 *	102 *	98 *
21	67 *	51 *	83 *	101 *		59 *	66 *	66 *		75 *	118 *	94 *
22	70 *	50 *	83 *	106 *		58 *	65 *	65 *		81 *	130 *	92 *
23	73 *	49 *	82 *	111 *		55 *	62 *	63 *		80 *	112 *	91 *
24	75 *	51 *	87 *	103 *		55 *	59 *	62 *		75 *	108 *	86 *
25	78 *	52 *	85 *	100 *		63 *	58 *	62 *		71 *	134 *	81 *
26	86 *	55 *	88 *	96 *		71 *	60 *	60 *		67 *	130 *	83 *
27	88 *	61 *	86 *	96 *		64 *	77 *	58 *		65 *	119 *	95 *
28	96 *	69 *	81 *	93 *		61 *	118 *	56 *		60 *	110 *	87 *
29	100 *		82 *	96 *		60 *	112 *	53 *		61 *	129 *	80 *
30	108 *		81 *	98 *		58 *	91 *	54 *		65 *	156 *	75 *
31	113 *		82 *				93 *	60 *		63 *		72 *
Nivel Max.	114 *	119 *	89 *	113 *		78 *	127 *	97 *		92 *	170 *	178 *
Día	31	1	26	23		17	28	1		12	30	16
Hora	18	18	18	18		8	18	8		8	18	8
Nivel Min.	67 *	48 *	69 *	85 *		50 *	53 *	52 *		57 *	63 *	70 *
Día	21	23	9	1		4	3	29		29	1	31
Hora	8	8	8	8		8	8	8		8	8	8
Nivel Medio	80	69	77	98		62	76	69		76	98	108

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H150 INTAG DJ PAMPLONA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	113 *	125 *	130 *	118 *	133 *	107 *	95 *	83 *	78 *	82 *	94 *	110 *
2	113 *	115 *	125 *	118 *	135 *	105 *	95 *	83 *	78 *	83 *	88 *	105 *
3	108 *	108 *	123 *	113 *	133 *	105 *	95 *	83 *	77 *	80 *	84 *	108 *
4	105 *	108 *	115 *	113 *	130 *	103 *	94 *	83 *	78 *	79 *	83 *	108 *
5	103 *	110 *	110 *	110 *	138 *	104 *	94 *	82 *	78 *	79 *	82 *	103 *
6	103 *	109 *	110 *	108 *	138 *	100 *	93 *	82 *	77 *	80 *	81 *	100 *
7	100 *	107 *	110 *	103 *	133 *	104 *	93 *	82 *	77 *	79 *	82 *	100 *
8	99 *	107 *	109 *	110 *	130 *	101 *	93 *	82 *	78 *	80 *	81 *	90 *
9	99 *	105 *	107 *	123 *	128 *	102 *	93 *	82 *	78 *	90 *	81 *	88 *
10	97 *	105 *	105 *	125 *	128 *	101 *	92 *	81 *	77 *	88 *	80 *	85 *
11	96 *	104 *	103 *	130 *	125 *	100 *	92 *	82 *	77 *	85 *	80 *	84 *
12	96 *	102 *	103 *	130 *	128 *	101 *	91 *	81 *	77 *	83 *	93 *	92 *
13	98 *	100 *	100 *	138 *	128 *	100 *	91 *	81 *	76 *	80 *	89 *	90 *
14	103 *	98 *	120 *	140 *	125 *	100 *	89 *	80 *	76 *	86 *	83 *	93 *
15	108 *	98 *	125 *	145 *	125 *	99 *	89 *	79 *	76 *	80 *	84 *	108 *
16	110 *	95 *	125 *	150 *	125 *	98 *	89 *	79 *	75 *	80 *	85 *	97 *
17	108 *	115 *	118 *	155 *	122 *	114 *	88 *	80 *	75 *	88 *	86 *	93 *
18	105 *	130 *	113 *	145 *	120 *	113 *	87 *	80 *	75 *	90 *	83 *	92 *
19	103 *	155 *	113 *	145 *	118 *	109 *	87 *	79 *	74 *	88 *	82 *	91 *
20	108 *	135 *	110 *	143 *	117 *	106 *	87 *	79 *	74 *	85 *	84 *	89 *
21	105 *	123 *	109 *	163 *	115 *	103 *	87 *	78 *	74 *	88 *	84 *	89 *
22	103 *	125 *	115 *	148 *	117 *	101 *	86 *	78 *	74 *	85 *	88 *	90 *
23	98 *	118 *	113 *	143 *	117 *	99 *	86 *	79 *	74 *	85 *	89 *	87 *
24	95 *	113 *	113 *	148 *	115 *	99 *	85 *	80 *	73 *	83 *	95 *	87 *
25	97 *	108 *	113 *	145 *	114 *	99 *	85 *	80 *	73 *	82 *	110 *	86 *
26	102 *	108 *	115 *	143 *	114 *	98 *	85 *	80 *	77 *	80 *	115 *	114 *
27	100 *	130 *	113 *	143 *	121 *	98 *	85 *	79 *	83 *	83 *	107 *	116 *
28	99 *	153 *	110 *	140 *	111 *	97 *	84 *	79 *	84 *	83 *	104 *	113 *
29	97 *		118 *	139 *	109 *	96 *	84 *	79 *	84 *	88 *	103 *	123 *
30	100 *		130 *	139 *	108 *	95 *	83 *	78 *	80 *	91 *	103 *	118 *
31	113 *		125 *		107 *		83 *	74 *		104 *		115 *
Nivel Max.	115 *	170 *	140 *	170 *	140 *	118 *	95 *	83 *	88 *	110 *	120 *	130 *
Día	2	19	1	21	5	17	vv	vv	29	31	26	29
Hora	6	6	6	6	6	6			6	6	6	6
Nivel Min.	95 *	95 *	100 *	100 *	105 *	95 *	82 *	70 *	72 *	78 *	80 *	82 *
Día	24	14	13	7	30	29	31	31	24	4	vv	11
Hora	17	17	17	17	17	17	17	17	17	17		17
Nivel Medio	102	114	114	134	123	102	89	80	77	84	89	99

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H156 PILATON AJ TOACHI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	153 *	120 *	123 *	125 *	110 *	62 *	52 *	33 *	11 *		33 *	61 *
2	159 *	145 *	150 *	105 *	113 *	66 *	52 *	34 *	12 *		25 *	60 *
3	141 *	135 *	133 *	125 *	105 *	51 *	55 *	35 *	10 *		24 *	40 *
4	147 *	140 *	123 *	135 *	112 *	55 *	51 *	37 *	12 *		25 *	43 *
5	141 *	145 *	133 *	155 *	116 *	41 *	55 *	31 *	10 *		23 *	31 *
6	131 *	165 *	143 *	145 *	95 *	47 *	55 *	26 *	11 *		22 *	41 *
7	138 *	145 *	134 *	165 *	75 *	63 *	54 *	23 *	11 *		21 *	41 *
8	139 *	125 *	123 *	151 *	55 *	51 *	57 *	25 *	11 *		24 *	32 *
9	145 *	145 *	135 *	155 *	65 *	41 *	54 *	27 *	11 *		21 *	41 *
10	134 *	165 *	155 *	145 *	105 *	44 *	49 *	27 *	13 *		23 *	50 *
11	145 *	170 *	175 *	175 *	125 *	51 *	45 *	25 *	11 *		21 *	44 *
12	131 *	145 *	163 *	158 *	124 *	42 *	43 *	23 *	12 *		23 *	31 *
13	111 *	175 *	182 *	155 *	114 *	34 *	41 *	16 *	12 *		31 *	51 *
14	85 *	215 *	220 *	135 *	91 *	37 *	41 *	18 *	11 *		28 *	31 *
15	105 *	225 *	233 *	155 *	95 *	40 *	44 *	20 *	12 *		25 *	
16	95 *	250 *	245 *	170 *	81 *	44 *	47 *	22 *	12 *		25 *	32 *
17	106 *	225 *	235 *	185 *	88 *	31 *	42 *	21 *	11 *		32 *	32 *
18	113 *	205 *	215 *	210 *	72 *	33 *	46 *	15 *	12 *		35 *	32 *
19	105 *	105 *	135 *	235 *	79 *	41 *	46 *	18 *	11 *		33 *	35 *
20	105 *	91 *	145 *	325 *	93 *	43 *	37 *	20 *	11 *		38 *	45 *
21	123 *	95 *	215 *	155 *	99 *	45 *	39 *	22 *	12 *		41 *	105 *
22	134 *	105 *	245 *	170 *	115 *	47 *	33 *	18 *	11 *		41 *	72 *
23	108 *	205 *	250 *	165 *	95 *	21 *	34 *	12 *	11 *		39 *	44 *
24	125 *	160 *	235 *	145 *	100 *	24 *	33 *	12 *	11 *		41 *	45 *
25	145 *	115 *	105 *	118 *	94 *	72 *	35 *	14 *	16 *		39 *	47 *
26	133 *	135 *	205 *	105 *	97 *	74 *	35 *	11 *	18 *		31 *	145 *
27	125 *	145 *	225 *	75 *	87 *	42 *	31 *	15 *	21 *		40 *	160 *
28	143 *	165 *	198 *	105 *	85 *	53 *	27 *	11 *	23 *		45 *	123 *
29	110 *		135 *	110 *	88 *	72 *	32 *	12 *	27 *		35 *	105 *
30	135 *		123 *	75 *	74 *	53 *	30 *	13 *	29 *		82 *	115 *
31	125 *		135 *		76 *		31 *	11 *				93 *
Nivel Max.	159 *	260 *	260 *	350 *	130 *	74 *	58 *	37 *	29 *		83 *	
Día	2	16	23	20	11	26	9	4	31		30	
Hora	18	18	18	18	18	18	18	7	18		18	
Nivel Min.	80 *	90 *	100 *	70 *	50 *	20 *	22 *	10 *	10 *		20 *	
Día	14	20	25	30	8	23	28	28	vv		7	
Hora	7	7	7	18	18	7	18	7			7	
Nivel Medio	127	156	173	151	94	47	42	20	13		32	61

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H158	PITA AJ SALTO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	114 *	107 *	108 *	102 *	109 *	109 *	109 *	105 *	99 *	107 *	106 *	108 *
2	115 *	105 *	106 *	102 *	109 *	108 *	108 *	105 *	98 *	107 *	106 *	108 *
3	119 *	104 *	106 *	102 *	109 *	108 *	108 *	105 *	98 *	106 *	105 *	107 *
4	116 *	104 *	105 *	102 *	109 *	108 *	108 *	104 *	98 *	106 *	105 *	107 *
5	110 *	104 *	108 *	102 *	108 *	107 *	107 *	104 *	98 *	107 *	105 *	106 *
6	109 *	106 *	107 *	101 *	108 *	107 *	107 *	104 *	97 *	106 *	105 *	106 *
7	113 *	106 *	107 *	101 *	107 *	107 *	107 *	104 *	113 *	105 *	106 *	106 *
8	114 *	108 *	108 *	101 *	107 *	106 *	107 *	104 *	113 *	109 *	106 *	106 *
9	117 *	109 *	106 *	102 *	106 *	106 *	107 *	104 *	110 *	109 *	106 *	105 *
10	115 *	109 *	106 *	103 *	106 *	105 *	109 *	103 *	109 *	108 *	106 *	105 *
11	113 *	108 *	105 *	103 *	105 *	105 *	109 *	103 *	109 *	107 *	105 *	104 *
12	110 *	107 *	110 *	103 *	105 *	105 *	112 *	103 *	108 *	107 *	105 *	104 *
13	108 *	106 *	111 *	105 *	105 *	106 *	112 *	103 *	107 *	107 *	105 *	106 *
14	110 *	106 *	108 *	106 *	104 *	105 *	110 *	102 *	107 *	107 *	105 *	115 *
15	111 *	106 *	108 *	106 *	110 *	105 *	109 *	102 *	106 *	108 *	105 *	109 *
16	115 *	110 *	107 *	106 *	115 *	108 *	108 *	102 *	106 *	108 *	105 *	109 *
17	108 *	109 *	106 *	109 *	115 *	112 *	107 *	102 *	106 *	107 *	106 *	109 *
18	107 *	108 *	109 *	112 *	117 *	112 *	107 *	101 *	106 *	107 *	107 *	112 *
19	105 *	107 *	109 *	110 *	114 *	110 *	107 *	101 *	106 *	106 *	107 *	113 *
20	104 *	106 *	108 *	113 *	113 *	109 *	107 *	101 *	108 *	105 *	109 *	111 *
21	103 *	106 *	108 *	113 *	113 *	108 *	106 *	100 *	108 *	106 *	109 *	112 *
22	104 *	105 *	108 *	113 *	113 *	108 *	106 *	100 *	109 *	110 *	109 *	111 *
23	104 *	104 *	106 *	114 *	113 *	107 *	106 *	100 *	109 *	111 *	110 *	111 *
24	105 *	104 *	106 *	112 *	113 *	107 *	106 *	100 *	112 *	110 *	111 *	110 *
25	106 *	104 *	106 *	113 *	112 *	111 *	106 *	100 *	110 *	109 *	109 *	111 *
26	105 *	107 *	105 *	112 *	110 *	111 *	106 *	100 *	110 *	109 *	108 *	109 *
27	105 *	108 *	105 *	112 *	109 *	110 *	106 *	101 *	108 *	109 *	108 *	109 *
28	107 *	110 *	107 *	111 *	109 *	109 *	105 *	100 *	107 *	108 *	107 *	110 *
29	109 *		107 *	111 *	108 *	107 *	105 *	99 *	106 *	108 *	108 *	111 *
30	107 *		107 *	110 *	109 *	106 *	105 *	99 *	107 *	108 *	109 *	109 *
31	106 *		107 *		109 *		105 *	99 *		107 *		108 *
Nivel Max.	120 *	110 *	111 *	114 *	118 *	113 *	112 *	105 *	114 *	115 *	111 *	115 *
Día	1		13	23	18	17			7	22	24	14
Hora	16		5	5	17	16			16	16	5	16
Nivel Min.	103 *	103 *	105 *	101 *	104 *	105 *	105 *	99 *	91 *	105 *	104 *	104 *
Día	19	5			14				6		15	
Hora	5	16			5				5		5	
Nivel Medio	109	106	107	107	110	108	107	102	106	107	107	108

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H159	SAN PEDRO EN MACHACHI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	66 *	63 *					82 *	56 *	58 *	69 *	70 *	79 *
2	66 *	66 *					81 *	57 *	58 *	69 *	71 *	77 *
3	65 *	64 *					79 *	58 *	58 *	69 *	71 *	73 *
4	64 *	61 *					78 *	60 *	56 *	66 *	69 *	69 *
5	64 *	60 *					79 *	60 *	58 *	68 *	69 *	68 *
6	64 *	60 *					80 *	60 *	60 *	71 *	70 *	68 *
7	63 *	60 *					81 *	60 *	63 *	71 *	70 *	69 *
8	62 *	59 *					81 *	60 *	64 *	71 *	72 *	71 *
9	61 *	58 *					79 *	61 *	64 *	72 *	75 *	73 *
10	60 *	58 *					77 *	62 *	64 *	72 *	75 *	75 *
11	59 *	58 *					75 *	62 *	63 *	71 *	77 *	75 *
12	58 *	57 *					74 *	61 *	62 *	70 *	84 *	77 *
13	58 *	58 *					73 *	60 *	63 *	70 *	78 *	81 *
14	58 *	66 *					71 *	59 *	65 *	71 *	77 *	83 *
15	58 *	65 *					69 *	58 *	65 *	71 *	79 *	84 *
16	59 *	65 *					68 *	58 *	62 *	69 *	81 *	81 *
17	63 *						67 *	58 *	60 *	68 *	82 *	79 *
18	70 *						65 *	58 *	57 *	68 *	83 *	75 *
19	71 *						63 *	58 *	57 *	67 *	83 *	74 *
20	71 *						61 *	58 *	60 *	66 *	79 *	74 *
21	65 *						60 *	57 *	61 *	69 *	77 *	75 *
22	62 *						60 *	56 *	63 *	71 *	79 *	76 *
23	60 *						60 *	57 *	64 *	70 *	79 *	75 *
24	59 *						60 *	58 *	65 *	72 *	77 *	75 *
25	58 *						58 *	58 *	66 *	76 *	75 *	77 *
26	58 *						58 *	59 *	67 *	76 *	75 *	77 *
27	58 *						57 *	60 *	68 *	73 *	75 *	78 *
28	58 *						56 *	59 *	66 *	75 *	75 *	77 *
29	58 *						56 *	58 *	67 *	74 *	77 *	76 *
30	58 *						57 *	58 *	68 *	74 *	79 *	75 *
31	59 *						57 *	58 *		73 *		75 *
Nivel Max.	74 *						82 *	62 *	68 *	76 *	86 *	84 *
Día	20						1		vv	vv	12	15
Hora	6						6				6	6
Nivel Min.	58 *						56 *	56 *	56 *	66 *	68 *	68 *
Día	vv						vv	vv	4	vv	4	vv
Hora									18		18	
Nivel Medio	62						68	59	62	71	76	76

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H161 TOACHI AJ PILATON												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	213	288	268	203	241	220	170	128	106 *	111 *	104 *	146 *
2	197	283	247	195	232	238	166	130	105 *	109 *	102 *	134 *
3	194	244	267	190	226	206	162	129	105 *	113 *	98 *	129 *
4	229	218	270	193	237	202	158	133	104 *	112 *	97 *	119 *
5	190	208	239	191	240	211	172	126	104 *	112 *	101 *	114 *
6	180	204	227	185	245	207	170	128	103 *	109 *	101 *	110 *
7	175	218	229	180	248	208	165	126	106 *	113 *	108 *	108 *
8	173	248	224	200	250	192	169	123	106 *	114 *	108 *	107 *
9	170	227	212	301	263	186	161	124	106 *	115 *	111 *	109 *
10	166	220	211	301	274	186	157	122	108 *	139 *	110 *	110 *
11	163	220	206	296	272	188	154	121	110 *	115 *	110 *	119 *
12	160	222	200	316	267	201	153	121	110 *	112 *	122 *	140 *
13	158	218	198	320	243	197	151	121	111 *	108 *	108 *	126 *
14	199	289	278	290	236	187	148	118	107 *	106 *	99 *	119 *
15	198	254	297	292	230	194	143	122	103 *	107 *	109 *	139 *
16	177	226	336	286	223	191	142	120	101 *	111 *	114 *	127 *
17	192	253	281	302	221	191	142	115	100 *	144 *	126 *	117 *
18	182	238	243	293	225	190	128	120	99 *	133 *	124 *	114 *
19	231	259	225	278	236	191	124	115	99 *	130 *	123 *	138 *
20	234	267	218	277	221	186	123	117	98 *	128 *	117 *	164 *
21	195	230	219	276	212	195	124	116	98 *	123 *	135 *	158 *
22	181	221	233	320	209	197	127	115	97 *	122 *	121 *	165 *
23	175	213	222	312	209	201	135	122	98 *	118 *	121 *	143 *
24	171	200	209	322	206	186	138	117	99 *	113 *	119 *	141 *
25	184	202	207	299	234	180	134	111	102 *	112 *	123 *	160 *
26	175	227	213	278	238	178	135	116	102 *	113 *	118 *	325 *
27	178	280	212	301	208	173	137	112	103 *	109 *	115 *	308 *
28	187	324	199	287	206	172	135	110	100 *	111 *	125 *	216 *
29	177		195	263	208	171	136	108 *	104 *	109 *	160 *	186 *
30	195		216	257	213	171	128	107 *	108 *	109 *	176 *	171 *
31	271		219		239		132	106 *		107 *		164 *
Nivel Max.	414	375	410	419	334	306	191	134	113 *	160 *	192 *	350 *
Día	31	26	16	12	10	1	5	4	13	10	30	26
Hora	19	21	6	19	20	21	4	16	7	7	7	7
Nivel Min.	155	198	191	178	196	166	122	106 *	96 *	104 *	97 *	106 *
Día	14	25	29	7	30	30	20	31	22	14	4	8
Hora	8	18	11	17	15	19	12	7	18	18	7	18
Nivel Medio	189	239	233	267	233	193	146	119	103	115	117	149

NOTA: * DATOS LIMNIMETRICOS

2003

H166 TOACHI EN LAS PAMPAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	94 *	95 *	98 *	102 *	100 *	95 *	82 *	62 *	58 *	58 *	56 *	58 *
2	94 *	95 *	98 *	102 *	102 *	95 *	82 *	62 *	58 *	58 *	58 *	58 *
3	95 *	95 *	98 *	101 *	104 *	95 *	81 *	60 *	58 *	59 *	60 *	58 *
4	95 *	95 *	97 *	100 *	104 *	95 *	81 *	60 *	58 *	59 *	60 *	58 *
5	96 *	96 *	97 *	100 *	104 *	94 *	81 *	60 *	58 *	59 *	60 *	58 *
6	96 *	96 *	97 *	100 *	103 *	94 *	80 *	60 *	58 *	59 *	62 *	57 *
7	96 *	97 *	97 *	108 *	103 *	94 *	80 *	60 *	58 *	59 *	60 *	57 *
8	95 *	97 *	97 *	108 *	102 *	94 *	80 *	60 *	58 *	59 *	60 *	57 *
9	94 *	97 *	98 *	106 *	102 *	94 *	79 *	60 *	58 *	59 *	60 *	57 *
10	94 *	97 *	98 *	102 *	101 *	93 *	79 *	60 *	58 *	59 *	60 *	57 *
11	93 *	97 *	98 *	100 *	100 *	93 *	78 *	60 *	58 *	58 *	60 *	58 *
12	93 *	98 *	99 *	100 *	100 *	93 *	70 *	60 *	58 *	58 *	60 *	58 *
13	92 *	98 *	99 *	100 *	100 *	93 *	68 *	60 *	58 *	58 *	60 *	58 *
14	92 *	98 *	99 *	100 *	100 *	93 *	67 *	59 *	58 *	58 *	60 *	59 *
15	91 *	98 *	100 *	105 *	100 *	92 *	65 *	59 *	58 *	58 *	60 *	59 *
16	91 *	99 *	112 *	105 *	100 *	92 *	65 *	59 *	58 *	58 *	60 *	59 *
17	90 *	99 *	104 *	105 *	99 *	92 *	65 *	59 *	59 *	57 *	64 *	62 *
18	90 *	99 *	100 *	104 *	99 *	90 *	65 *	59 *	59 *	57 *	64 *	62 *
19	90 *	99 *	100 *	104 *	99 *	88 *	65 *	59 *	59 *	57 *	64 *	62 *
20	91 *	98 *		103 *	98 *	86 *	64 *	59 *	59 *	57 *	60 *	63 *
21	92 *	98 *		103 *	98 *	86 *	64 *	59 *	59 *	57 *	60 *	64 *
22	92 *	98 *	100 *	103 *	98 *	86 *	64 *	59 *	59 *	57 *	60 *	64 *
23	92 *	98 *	100 *	103 *	97 *	86 *	64 *	59 *	59 *	57 *	58 *	64 *
24	92 *	97 *	100 *	102 *	97 *	86 *	64 *	59 *	59 *	56 *	58 *	64 *
25	92 *	97 *	100 *	102 *	97 *	85 *	64 *	59 *	59 *	56 *	58 *	64 *
26	93 *	97 *	100 *	101 *	96 *	85 *	63 *	59 *	59 *	56 *	58 *	64 *
27	93 *	97 *	104 *	101 *	96 *	85 *	63 *	59 *	58 *	56 *	60 *	66 *
28	93 *	98 *	104 *	101 *	96 *	84 *	63 *	58 *	58 *	56 *	60 *	66 *
29	93 *		103 *	101 *	95 *	84 *	63 *	58 *	58 *	56 *	58 *	66 *
30	94 *		103 *	100 *	95 *	83 *	62 *	58 *	58 *	56 *	58 *	68 *
31	94 *		102 *				62 *	58 *		56 *		68 *
Nivel Max.	96 *	99 *		108 *		95 *	82 *	62 *	59 *	59 *	64 *	68 *
Día	vv	vv		vv		vv	vv	vv	vv	vv	vv	vv
Hora												
Nivel Min.	90 *	95 *		100 *		83 *	62 *	58 *	58 *	56 *	56 *	57 *
Día	vv	vv		vv		30	vv	vv	vv	vv	1	vv
Hora						16					16	
Nivel Medio	93	97	100	102	99	90	70	59	58	58	60	61

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H167	TOACHI EN S.D.DE LOS COLORADOS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		49 *	83 *	62 *	102 *	68 *	44 *	20 *	19 *	19 *	24 *	37 *
2		51 *	78 *	60 *	89 *	67 *	42 *	19 *	19 *	21 *	23 *	37 *
3		56 *	71 *	64 *	86 *	65 *	42 *	18 *	18 *	24 *	22 *	34 *
4		60 *	67 *	62 *	84 *	75 *	45 *	19 *	18 *	28 *	21 *	31 *
5		62 *	63 *	61 *	88 *	72 *	40 *	21 *	18 *	30 *	20 *	27 *
6		66 *	59 *	56 *	84 *	69 *	39 *	23 *	18 *	37 *	20 *	25 *
7		66 *	56 *	58 *	84 *	65 *	41 *	23 *	18 *	30 *	20 *	28 *
8			58 *	75 *	89 *	64 *	42 *	22 *	19 *	35 *	19 *	30 *
9			64 *	120 *	93 *	62 *	43 *	21 *	19 *	36 *	19 *	31 *
10			67 *	103 *	99 *	61 *	46 *	21 *	20 *	38 *	19 *	33 *
11			70 *	103 *	95 *	60 *	46 *	25 *	20 *	37 *	20 *	33 *
12			67 *	105 *	109 *	59 *	44 *	24 *	20 *	35 *	20 *	30 *
13			64 *	107 *	106 *	58 *	42 *	23 *	20 *	32 *	21 *	29 *
14			84 *	110 *	94 *	63 *	41 *	22 *	20 *	31 *	21 *	28 *
15			96 *	109 *	87 *	61 *	39 *	21 *	20 *	30 *	22 *	27 *
16		93 *	109 *	120 *	78 *	59 *	38 *	20 *	20 *	32 *	23 *	26 *
17		109 *	104 *	120 *	75 *	58 *	37 *	22 *	19 *	35 *	24 *	26 *
18		108 *	95 *	115 *	73 *	56 *	36 *	24 *	19 *	41 *	23 *	30 *
19		114 *	86 *	117 *	72 *	55 *	35 *	26 *	19 *	37 *	24 *	29 *
20		117 *	81 *	119 *	71 *	54 *	34 *	25 *	19 *	29 *	24 *	34 *
21		112 *	80 *	120 *	70 *	53 *	36 *	24 *	18 *	27 *	26 *	37 *
22		95 *	75 *	126 *	69 *	53 *	35 *	23 *	15 *	26 *	26 *	35 *
23		83 *	70 *	129 *	68 *	51 *	33 *	23 *	14 *	24 *	27 *	31 *
24		77 *	67 *	131 *	65 *	53 *	31 *	22 *	12 *	22 *	28 *	39 *
25		75 *	68 *	115 *	64 *	54 *	30 *	21 *	12 *	23 *	28 *	58 *
26		75 *	72 *	111 *	78 *	54 *	29 *	21 *	11 *	27 *	28 *	93 *
27		79 *	78 *	109 *	76 *	49 *	27 *	20 *	11 *	28 *	27 *	94 *
28		86 *	74 *	104 *	74 *	47 *	25 *	20 *	12 *	26 *	28 *	63 *
29			71 *	101 *	74 *	46 *	24 *	19 *	13 *	25 *	30 *	43 *
30			69 *	109 *	72 *	45 *	23 *	19 *	18 *	25 *	34 *	47 *
31			66 *		70 *		20 *	19 *				51 *
Nivel Max.			110 *	132 *	110 *	75 *	47 *	26 *	20 *		35 *	100 *
Día			16	24	12	4	10	19	wv		30	27
Hora			7	18	7	7	18	7			18	7
Nivel Min.			55 *	50 *	63 *	44 *	20 *	18 *	11 *		19 *	25 *
Día			7	6	25	30	31	3	wv			16
Hora			18	18	18	18	18	18				18
Nivel Medio		81	74	100	82	58	36	21	17	29	24	38

NOTA: * DATOS LIMNIMETRICOS

wv = Evento registrado en varios días

2003

H168	ESMERALDAS DJ SADE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		630 *	561 *	406 *	474 *	353 *	271 *	176 *	155 *	169 *	165 *	256 *
2		453 *	472 *	383 *	472 *	478 *	264 *	188 *	154 *	162 *	156 *	228 *
3		441 *		344 *	424 *	391 *	249 *		159 *	177 *	152 *	201 *
4		429 *	484 *	348 *	667 *	372 *	247 *	171 *	151 *	178 *	148 *	185 *
5		408 *	457 *	327 *	595 *	364 *	271 *	170 *	150 *	161 *	157 *	173 *
6		444 *	449 *	320 *	766 *	357 *	326 *	176 *	149 *	160 *	161 *	164 *
7		396 *	458 *	322 *	539 *	335 *	277 *	178 *	148 *	183 *	147 *	159 *
8		516 *	456 *	483 *	598 *	339 *	255 *	174 *	157 *	165 *	150 *	156 *
9		513 *	447 *	632 *	570 *	327 *	253 *	169 *	175 *	170 *	150 *	154 *
10		579 *	454 *	579 *	583 *	353 *	253 *	165 *	161 *	189 *	145 *	188 *
11		570 *	433 *	518 *		335 *	244 *	189 *	157 *	210 *	150 *	162 *
12		501 *	410 *	642 *	560 *	313 *	262 *	190 *	157 *		154 *	155 *
13		486 *	434 *	802 *	494 *	304 *	256 *	178 *	151 *	174 *	155 *	
14		468 *	462 *	637 *	449 *	294 *	244 *	180 *	152 *	193 *	148 *	148 *
15		459 *	535 *	596 *	440 *		228 *	179 *	149 *	171 *	146 *	230 *
16		516 *	536 *	540 *	415 *	295 *	223 *	180 *	140 *	161 *	157 *	218 *
17		516 *	447 *	566 *	403 *	283 *	217 *	195 *	143 *	171 *	150 *	191 *
18		507 *	462 *	507 *	394 *	279 *	222 *	220 *	147 *	244 *	145 *	207 *
19		578 *	458 *	472 *	431 *	286 *	216 *	203 *	150 *	226 *	161 *	237 *
20		558 *	396 *	455 *	405 *	289 *	211 *	195 *	146 *	212 *	149 *	229 *
21		518 *	389 *	660 *	420 *	285 *	208 *	190 *	154 *	220 *	152 *	365 *
22		463 *	427 *	671 *	383 *	278 *	201 *	176 *	148 *	222 *	167 *	355 *
23		427 *		589 *	422 *	290 *	198 *		177 *	204 *	177 *	282 *
24		398 *	398 *	614 *	367 *	281 *	197 *	196 *	160 *	210 *	162 *	302 *
25		382 *	375 *	560 *	367 *	278 *	192 *	176 *	149 *	196 *	162 *	308 *
26		374 *	378 *	613 *	404 *	319 *	196 *	184 *	148 *	191 *	182 *	454 *
27		563 *	391 *		367 *	290 *	198 *	172 *	146 *	186 *	198 *	462 *
28		705 *	374 *	529 *	387 *	281 *	195 *	173 *		178 *	208 *	431 *
29			404 *	480 *	471 *	268 *	189 *	169 *	168 *	181 *	229 *	463 *
30			395 *	444 *	390 *	275 *	180 *	161 *	153 *	197 *	225 *	437 *
31					350 *		175 *	160 *		178 *		383 *
Nivel Max.		738 *					351 *				262 *	
Día		28					6				28	
Hora		7					17				17	
Nivel Min.		374 *					175 *				142 *	
Día		26					31				10	
Hora		7					7				7	
Nivel Medio		493	441	518	467	317	229	180	153	188	163	263

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H170	GUAYLLABAMBA AJ BLANCO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	195 *	310 *	212 *	193 *	209 *	154 *	123 *	105 *	94 *	101 *	111 *	153 *
2	195 *	295 *	198 *	189 *	202 *	150 *	122 *	104 *	93 *	100 *	113 *	155 *
3	188 *	233 *	185 *	188 *	200 *	148 *	121 *	104 *	93 *	98 *	113 *	149 *
4	192 *	205 *	191 *	181 *	204 *	144 *	120 *	103 *	91 *	97 *	117 *	154 *
5	168 *	218 *	182 *	185 *	245 *	142 *	119 *	102 *	91 *	99 *	123 *	158 *
6	183 *	193 *	179 *	181 *	376 *	133 *	119 *	103 *	94 *	99 *	125 *	160 *
7	177 *	190 *	174 *	182 *	285 *	134 *	117 *	102 *	95 *	96 *	123 *	162 *
8	163 *	200 *	171 *	177 *	259 *	146 *	117 *	101 *	95 *	97 *	123 *	159 *
9	190 *	185 *	175 *	174 *	237 *	146 *	116 *	101 *	96 *	97 *	123 *	160 *
10	188 *	182 *	175 *	178 *	221 *	147 *	117 *	103 *	97 *	102 *	122 *	162 *
11	185 *	180 *	179 *	176 *	214 *	144 *	115 *	101 *	99 *	103 *	121 *	156 *
12	177 *	195 *	175 *	175 *	215 *	142 *	115 *	104 *	100 *	101 *	129 *	166 *
13	194 *	177 *	184 *	177 *	207 *	136 *	114 *	102 *	100 *	98 *	132 *	162 *
14	435 *	186 *	184 *	174 *	207 *	133 *	114 *	101 *	102 *	102 *	130 *	163 *
15	320 *	202 *	180 *	170 *	200 *	132 *	114 *	100 *	103 *	99 *	126 *	163 *
16	305 *	195 *	180 *	167 *	202 *	128 *	112 *	101 *	105 *	100 *	132 *	164 *
17	208 *	241 *	180 *	169 *	191 *	138 *	111 *	102 *	103 *	103 *	128 *	174 *
18	203 *	230 *	175 *	168 *	196 *	134 *	112 *	102 *	104 *	103 *	124 *	179 *
19	195 *	195 *	177 *	171 *	191 *	133 *	111 *	100 *	103 *	100 *	124 *	193 *
20	185 *	188 *	176 *	174 *	190 *	130 *	110 *	99 *	102 *	102 *	126 *	199 *
21	180 *	175 *	178 *	175 *	185 *	134 *	110 *	100 *	101 *	106 *	129 *	198 *
22	194 *	185 *	171 *	177 *	181 *	136 *	108 *	99 *	101 *	108 *	127 *	207 *
23	190 *	183 *	178 *	176 *	180 *	135 *	109 *	99 *	103 *	107 *	126 *	216 *
24	184 *	183 *	182 *	175 *	180 *		107 *	98 *	104 *	107 *	122 *	215 *
25	175 *	194 *	178 *	175 *	178 *	133 *	107 *	98 *	105 *	107 *	126 *	209 *
26	180 *	176 *	166 *	180 *	178 *	129 *	106 *	97 *	101 *	110 *	126 *	164 *
27	193 *	198 *	160 *	185 *	176 *	129 *	107 *	96 *	102 *	110 *	128 *	167 *
28	245 *	189 *	173 *	201 *	171 *	128 *	106 *	96 *	103 *	108 *	133 *	219 *
29	205 *		180 *	217 *	183 *	127 *	106 *	96 *	104 *	111 *	132 *	217 *
30	215 *		181 *	217 *	178 *	126 *	105 *	97 *	105 *	110 *	121 *	236 *
31	405 *		190 *		170 *		104 *	97 *		112 *		240 *
Nivel Max.	450 *	319 *	219 *	222 *	400 *		123 *	105 *	107 *	114 *	135 *	241 *
Día	14	1	1	30	6		1	1	30	29	16	31
Hora	6	6	6	6	6		17	17	17	17	17	6
Nivel Min.	160 *	173 *	160 *	166 *	170 *		104 *	95 *	90 *	95 *	108 *	115 *
Día	8	26	27	16	31		30	26	5	7	30	26
Hora	6	6	17	17	17		6	6	6	6	17	17
Nivel Medio	213	203	179	181	207	137	112	100	99	103	124	180

NOTA: * DATOS LIMNIMETRICOS

2003

H171	SUBERE AJ TEAONE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	3 *	10 *	2 *	3 *	2 *	2 *	1 *	2 *	2 *	1 *	1 *	1 *
2	3 *	4 *	2 *	2 *	3 *	3 *	1 *	1 *	1 *	1 *	1 *	1 *
3	2 *	3 *	2 *	2 *	2 *	2 *	1 *	1 *	6 *	1 *	1 *	1 *
4	3 *	2 *	2 *	2 *	18 *	2 *	1 *	1 *	4 *	5 *	1 *	2 *
5	2 *	2 *	2 *	2 *	5 *	16 *	1 *	1 *	3 *	4 *	1 *	2 *
6	2 *	2 *	2 *	3 *	5 *	5 *	1 *	3 *	2 *	2 *	1 *	1 *
7	2 *	3 *	2 *	3 *	4 *	4 *	1 *	4 *	2 *	2 *	1 *	1 *
8	3 *	110 *	2 *	5 *	5 *	3 *	1 *	4 *	2 *	2 *	1 *	1 *
9	2 *	26 *	2 *	4 *	4 *	3 *	1 *	3 *	2 *	1 *	1 *	1 *
10	2 *	7 *	6 *	3 *	5 *	6 *	1 *	3 *	2 *	1 *	1 *	2 *
11	2 *	5 *	5 *	2 *	4 *	4 *	1 *	2 *	2 *	1 *	1 *	1 *
12	2 *	6 *	3 *	9 *	3 *	2 *	1 *	1 *	2 *	1 *	1 *	1 *
13	6 *	5 *	2 *	4 *	3 *	2 *	1 *	2 *	2 *	1 *	1 *	1 *
14	6 *	20 *	10 *	4 *	2 *	2 *	1 *	1 *	2 *	1 *	1 *	1 *
15	5 *	13 *	4 *	4 *	2 *	2 *	2 *	2 *	1 *	1 *	1 *	1 *
16	3 *	6 *	3 *	3 *	3 *	2 *	1 *	2 *	1 *	1 *	2 *	2 *
17	2 *	4 *	2 *	3 *	4 *	3 *	1 *	2 *	1 *	1 *	2 *	2 *
18	2 *	3 *	2 *	2 *	3 *	2 *	1 *	4 *	1 *	1 *	2 *	2 *
19	3 *	3 *	2 *	2 *	2 *	3 *	1 *	4 *	1 *	1 *	1 *	6 *
20	4 *	4 *	2 *	2 *	2 *	2 *	1 *	3 *	1 *	1 *	1 *	3 *
21	4 *	4 *	3 *	6 *	2 *	2 *	1 *	4 *	1 *	1 *	1 *	4 *
22	3 *	3 *	2 *	5 *	2 *	2 *	1 *	3 *	8 *	1 *	1 *	3 *
23	2 *	3 *	2 *	4 *	2 *	1 *	1 *	3 *	6 *	1 *	1 *	2 *
24	2 *	2 *	2 *	3 *	2 *	1 *	1 *	2 *	2 *	1 *	1 *	3 *
25	2 *	3 *	2 *	2 *	2 *	1 *	1 *	2 *	2 *	1 *	1 *	2 *
26	2 *	2 *	1 *	2 *	2 *	1 *	1 *	2 *	2 *	1 *	1 *	4 *
27	2 *	2 *	1 *	2 *	2 *	1 *	1 *	1 *	2 *	1 *	1 *	3 *
28	2 *	3 *	1 *	4 *	2 *	1 *	1 *	2 *	2 *	1 *	2 *	3 *
29	2 *		1 *	5 *	4 *	1 *	1 *	3 *	2 *	1 *	2 *	2 *
30	3 *		1 *	4 *	3 *	1 *	1 *	2 *	2 *	1 *	1 *	2 *
31	33 *		3 *		2 *		1 *	3 *		1 *		2 *
Nivel Max.	40 *	145 *	12 *	12 *	22 *	20 *	2 *	4 *	8 *	8 *	2 *	7 *
Día	31	8	12	12	4	5	15	vv	23	4	vv	19
Hora	7	7	7	7	7	7	7	7	7	18		7
Nivel Min.	2 *	2 *	1 *	2 *	2 *	1 *	1 *	1 *	1 *	1 *	1 *	1 *
Día	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora												
Nivel Medio	4	9	2	3	3	3	1	2	2	1	1	2

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H172	TEAONE DJ TABIAZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	66 *	110 *	49 *	74 *	55 *	51 *	41 *	35 *	40 *	34 *	33 *	31 *
2	66 *	72 *	49 *	75 *	97 *	58 *	40 *	35 *	36 *	33 *	33 *	31 *
3	64 *	62 *	52 *	71 *	70 *	54 *	41 *	34 *	45 *	34 *	32 *	33 *
4	63 *	55 *	49 *	69 *	234 *	49 *	40 *	34 *	40 *	42 *	31 *	37 *
5	73 *	53 *	48 *	66 *	101 *	94 *	43 *	34 *	35 *	44 *	31 *	34 *
6	68 *	52 *	66 *	65 *	105 *	75 *	42 *	34 *	35 *	41 *	32 *	31 *
7	64 *	77 *	64 *	66 *	82 *	57 *	40 *	35 *	39 *	36 *	31 *	30 *
8	91 *	393 *	51 *	83 *	104 *	52 *	45 *	40 *	36 *	36 *	30 *	30 *
9	76 *	136 *	61 *	86 *	97 *	57 *	41 *	54 *	37 *	39 *	30 *	32 *
10	66 *	143 *	151 *	71 *	95 *	64 *	41 *	41 *	36 *	39 *	29 *	36 *
11	66 *	131 *	88 *	69 *	79 *	63 *	41 *	39 *	35 *	37 *	30 *	36 *
12	63 *	141 *	64 *	180 *	71 *	53 *	40 *	39 *	34 *	36 *	31 *	33 *
13	102 *	102 *	64 *	134 *	68 *	48 *	39 *	37 *	35 *	36 *	30 *	31 *
14	118 *	169 *	91 *	80 *	83 *	48 *	39 *	36 *	35 *	35 *	30 *	31 *
15	86 *	121 *	72 *	61 *	80 *	46 *	38 *	36 *	35 *	35 *	31 *	34 *
16	74 *	89 *	69 *	69 *	73 *	46 *	37 *	38 *	34 *	33 *	40 *	37 *
17	79 *	70 *	68 *	56 *	73 *	46 *	37 *	46 *	36 *	33 *	42 *	35 *
18	76 *	62 *	74 *	54 *	82 *	47 *	36 *	44 *	37 *	34 *	35 *	35 *
19	76 *	69 *	66 *	50 *	67 *	49 *	39 *	54 *	34 *	34 *	32 *	119 *
20	84 *	58 *	66 *	44 *	58 *	44 *	36 *	45 *	33 *	34 *	34 *	101 *
21	76 *	51 *	67 *	84 *	57 *	44 *	36 *	39 *	33 *	39 *	33 *	76 *
22	80 *	50 *	65 *	104 *	60 *	44 *	36 *	39 *	72 *	37 *	32 *	57 *
23	67 *	50 *	65 *	110 *	54 *	44 *	36 *	44 *	43 *	35 *	31 *	53 *
24	65 *	48 *	64 *	108 *	52 *	46 *	36 *	39 *	44 *	35 *	30 *	52 *
25	65 *	50 *	64 *	86 *	51 *	46 *	36 *	38 *	37 *	39 *	30 *	62 *
26	72 *	50 *	65 *	68 *	51 *	51 *	36 *	38 *	38 *	38 *	29 *	118 *
27	69 *	50 *	63 *	60 *	49 *	46 *	36 *	37 *	34 *	38 *	30 *	65 *
28	72 *	67 *	63 *	104 *	71 *	53 *	36 *	38 *	37 *	38 *	34 *	48 *
29	69 *		69 *	88 *	107 *	45 *	35 *	37 *	35 *	36 *	38 *	85 *
30	85 *		65 *	65 *	68 *	43 *	36 *	36 *	35 *	35 *	32 *	57 *
31	356 *		79 *		55 *		35 *	36 *		34 *		51 *
Nivel Max.	430 *	547 *	154 *	186 *	295 *	126 *	46 *	62 *	73 *	48 *	48 *	144 *
Día	31	8	10	12	4	5	8	9	22	4	16	19
Hora	18	7	7	7	7	18	7	7	18	18	18	7
Nivel Min.	61 *	48 *	48 *	43 *	48 *	43 *	35 *	34 *	32 *	32 *	29 *	30 *
Día	4	24	1	20	28	23	vv	vv	21	17	vv	vv
Hora	7	18	18	18	7	7			18	7		
Nivel Medio	84	92	67	80	79	52	38	39	38	36	32	50

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H173	TEAONE AJ ESMERALDAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1							82 *	76 *	80 *	75 *	73 *	73 *
2							81 *	75 *	77 *	74 *	73 *	72 *
3							83 *	75 *	83 *	75 *	72 *	74 *
4							81 *	74 *	80 *	77 *	72 *	75 *
5							84 *	74 *	77 *	92 *	72 *	75 *
6							83 *	74 *	75 *	82 *	73 *	72 *
7							83 *	76 *	78 *	78 *	71 *	71 *
8							85 *	79 *	76 *	76 *	71 *	70 *
9							82 *	93 *	75 *	76 *	71 *	72 *
10							82 *	81 *	76 *	76 *	70 *	76 *
11							81 *	79 *	75 *	77 *	71 *	77 *
12							80 *	78 *	75 *	76 *	72 *	74 *
13						92 *	79 *	77 *	74 *	76 *	71 *	72 *
14						90 *	79 *	76 *	75 *	76 *	71 *	72 *
15						88 *	79 *	78 *	75 *	76 *	72 *	75 *
16						87 *	78 *	78 *	74 *	74 *	82 *	78 *
17						88 *	78 *		76 *	74 *	84 *	74 *
18						88 *	78 *	83 *	74 *	74 *	76 *	76 *
19						91 *	80 *	87 *	74 *	76 *	73 *	157 *
20						86 *	78 *	82 *	74 *	76 *	72 *	147 *
21						85 *	77 *	80 *	74 *	82 *	72 *	105 *
22						86 *	77 *	79 *	103 *	78 *	72 *	101 *
23						85 *	77 *	83 *	93 *	75 *	71 *	96 *
24						87 *	76 *	80 *	88 *	76 *	71 *	93 *
25						87 *	76 *	77 *	83 *	77 *	71 *	104 *
26						91 *	77 *	77 *	76 *	77 *	70 *	148 *
27						87 *	77 *	77 *	75 *	77 *	70 *	108 *
28						92 *	76 *	78 *	75 *	77 *	74 *	92 *
29						87 *	76 *	77 *	76 *	76 *	78 *	130 *
30						84 *	76 *	76 *	75 *	75 *	73 *	100 *
31							76 *	77 *		74 *		92 *
Nivel Max.							87 *		106 *	107 *	90 *	168 *
Día							8		22	5	16	19
Hora							7		18	7	18	7
Nivel Min.							76 *		72 *	73 *	70 *	70 *
Día							vv		18	17	vv	8
Hora									7	18		7
Nivel Medio							79	78	78	77	73	90

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H188	PILATON D.J. CHITOA (EN LA ESPERIE)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	88 *	118 *	125 *	130 *	139 *	90 *	78 *	58 *	58 *	60 *	64 *	85 *
2	90 *	115 *	120 *	130 *	134 *	85 *	78 *	58 *	58 *	60 *	64 *	80 *
3	92 *	113 *	120 *	128 *	129 *	80 *	78 *	58 *	48 *	64 *	60 *	70 *
4	95 *	110 *	125 *	128 *	123 *	78 *	78 *	58 *	60 *	60 *	60 *	70 *
5	100 *	110 *	125 *	125 *	122 *	75 *	78 *	58 *	48 *	60 *	65 *	70 *
6	100 *	115 *	130 *	125 *	108 *	73 *	68 *	58 *	48 *	70 *	61 *	78 *
7	105 *	115 *	125 *	120 *	100 *	70 *	68 *	50 *	58 *	65 *	60 *	72 *
8	105 *	118 *	125 *	120 *	109 *	68 *	75 *	48 *	78 *	60 *	65 *	70 *
9	110 *	118 *	120 *	118 *	107 *	70 *	78 *	55 *	48 *	60 *	70 *	64 *
10	110 *	120 *	120 *	118 *	109 *	75 *	78 *	58 *	43 *	50 *	66 *	60 *
11	115 *	120 *	115 *	115 *	107 *	80 *	68 *	58 *	38 *	50 *	60 *	60 *
12	115 *	118 *	115 *	115 *	108 *	83 *	68 *	58 *	33 *	50 *	65 *	65 *
13	110 *	115 *	110 *	120 *	112 *	85 *	68 *	58 *	35 *	70 *	60 *	65 *
14	108 *	110 *	110 *	120 *	115 *	89 *	75 *	63 *	39 *	70 *	67 *	70 *
15	105 *	105 *	115 *	125 *	117 *	86 *	78 *	57 *	42 *	70 *	60 *	75 *
16	100 *	110 *	115 *	125 *	120 *	88 *	78 *	58 *	44 *	60 *	60 *	70 *
17	110 *	110 *	105 *	130 *	125 *	86 *	60 *	58 *	46 *	60 *	60 *	80 *
18	108 *	115 *	110 *	128 *	120 *	85 *	68 *	52 *	48 *	60 *	70 *	70 *
19	110 *	115 *	105 *	158 *	115 *	88 *	75 *	58 *	50 *	50 *	69 *	75 *
20	110 *	118 *	100 *	150 *	110 *	87 *	78 *	48 *	52 *	50 *	70 *	60 *
21	108 *	118 *	105 *	133 *	100 *	86 *	68 *	48 *	54 *	55 *	65 *	60 *
22	105 *	120 *	110 *	133 *	107 *	88 *	68 *	55 *	56 *	60 *	65 *	80 *
23	115 *	120 *	110 *	138 *	108 *	90 *	58 *	58 *	58 *	63 *	60 *	85 *
24	130 *	118 *	115 *	141 *	107 *	90 *	58 *	58 *	60 *	65 *	64 *	90 *
25	125 *	115 *	115 *	141 *	102 *	80 *	58 *	48 *	62 *	70 *	60 *	90 *
26	120 *	120 *	120 *	142 *	98 *	86 *	58 *	48 *	64 *	60 *	65 *	80 *
27	114 *	120 *	120 *	141 *	90 *	87 *	58 *	48 *	66 *	60 *	60 *	150 *
28	115 *	125 *	125 *	155 *	100 *	84 *	65 *	48 *	68 *	50 *	63 *	110 *
29	118 *		127 *	147 *	90 *	70 *	63 *	48 *	70 *	50 *	90 *	90 *
30	120 *		128 *	142 *	100 *	80 *	58 *	48 *	72 *	56 *	90 *	95 *
31	123 *		128 *		110 *		58 *	48 *		70 *		80 *
Nivel Max.	130 *	125 *	130 *	165 *	140 *	90 *	80 *	65 *	80 *	70 *	90 *	150 *
Día	24	28	6	19	1	vv	5	14	8	vv	vv	27
Hora	7	7	7	7	7		7	7	7			18
Nivel Min.	88 *	105 *	100 *	115 *	90 *	68 *	55 *	45 *	30 *	50 *	60 *	60 *
Día	1	15	20	vv	vv	8	27	8	12	vv	vv	vv
Hora	7	17	7			17	17	17	17			
Nivel Medio	109	116	117	131	111	82	69	54	53	60	65	78

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H210	BRICEÑO EN BOTADERO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1							11 *	10 *	0 *	0 *	0 *	11 *
2							11 *	10 *	0 *	0 *	0 *	11 *
3							14 *	10 *	0 *	0 *	0 *	11 *
4							13 *	11 *	0 *	0 *	0 *	11 *
5						18 *	13 *	11 *	0 *	0 *	0 *	10 *
6						17 *	13 *	11 *	0 *	0 *	0 *	10 *
7						18 *	13 *	11 *	0 *	0 *	0 *	10 *
8						17 *	13 *	12 *	0 *	0 *	0 *	11 *
9						16 *	13 *	11 *	0 *	0 *	0 *	11 *
10						17 *	13 *	10 *	0 *	0 *	0 *	11 *
11						17 *	14 *	10 *	0 *	0 *	0 *	11 *
12						17 *	14 *	10 *	5 *	0 *	0 *	11 *
13						16 *	13 *	10 *	13 *	0 *	0 *	11 *
14						16 *	14 *	10 *	12 *	0 *	0 *	11 *
15						17 *	14 *	10 *	13 *	0 *	0 *	11 *
16						15 *	13 *	9 *	12 *	0 *	0 *	11 *
17						16 *	13 *	10 *	12 *	0 *	0 *	12 *
18						16 *	13 *	10 *	12 *	0 *	0 *	13 *
19						17 *	13 *	10 *	12 *	0 *	0 *	13 *
20						16 *	13 *	8 *	12 *	0 *	0 *	12 *
21						17 *	13 *	7 *	12 *	0 *	0 *	13 *
22						16 *	12 *	7 *	12 *	0 *	0 *	13 *
23						16 *	12 *	7 *	12 *	0 *	0 *	14 *
24						16 *	11 *	6 *	12 *	0 *	0 *	14 *
25						16 *	11 *	6 *	12 *	0 *	0 *	14 *
26						16 *	11 *	5 *	12 *	0 *	0 *	14 *
27						16 *	11 *	5 *	12 *	0 *	0 *	14 *
28						16 *	11 *	4 *	11 *	0 *	0 *	14 *
29						16 *	10 *	4 *	11 *	0 *	0 *	14 *
30						16 *	10 *	4 *	11 *	0 *	0 *	14 *
31							10 *	4 *		0 *		18 *
Nivel Max.							14 *	12 *	13 *	0 *	0 *	18 *
Día							vv	8	vv	vv	vv	31
Hora							7					17
Nivel Min.							10 *	4 *	0 *	0 *	0 *	10 *
Día							vv	vv	vv	vv	vv	vv
Hora												
Nivel Medio						16	12	8	7	0	0	12

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H216	BUA AJ QUININDE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	140 *	121 *	171 *	97 *	135 *	74 *	65 *	59 *	46 *	39 *	36 *	35 *
2	160 *	120 *	167 *	97 *	134 *	91 *	65 *	59 *	46 *	39 *	36 *	36 *
3	174 *	111 *	156 *	91 *	130 *	84 *	64 *	57 *	44 *	39 *	36 *	35 *
4	185 *	111 *	144 *	91 *		91 *	64 *	57 *	44 *	39 *	36 *	34 *
5	165 *	190 *	136 *	87 *	130 *	80 *	64 *	57 *	44 *	39 *	35 *	34 *
6	155 *	111 *	137 *	86 *	125 *	87 *	80 *	62 *	44 *	40 *	35 *	33 *
7	144 *	116 *	148 *	114 *	118 *	88 *	73 *	62 *	44 *	39 *	35 *	32 *
8	141 *	124 *	132 *	161 *	160 *	87 *	70 *	56 *	44 *	39 *	35 *	32 *
9	136 *	155 *	126 *	114 *	185 *	75 *	68 *	55 *	44 *	39 *	35 *	32 *
10	126 *	134 *	126 *	115 *	138 *	86 *	70 *	54 *	43 *	40 *	35 *	32 *
11	134 *	168 *	132 *	199 *	168 *	84 *	70 *	54 *	43 *	39 *	34 *	31 *
12	128 *	141 *	124 *	265 *	154 *	82 *	71 *	53 *	43 *	40 *	34 *	31 *
13	111 *	144 *	188 *	139 *	148 *	79 *	72 *	53 *	42 *	39 *	33 *	31 *
14	135 *	137 *	167 *	136 *	134 *	78 *	72 *	52 *	42 *	39 *	34 *	31 *
15	110 *	182 *	138 *	159 *	128 *	76 *	71 *	52 *	42 *	38 *	34 *	31 *
16	134 *	141 *	142 *	140 *	129 *	75 *	70 *	52 *	42 *	38 *	34 *	32 *
17	134 *	137 *	134 *	134 *	121 *	75 *	69 *	51 *	42 *	42 *	34 *	34 *
18	134 *	137 *	129 *	134 *	121 *	74 *	69 *	51 *	41 *	49 *	34 *	34 *
19	134 *	111 *	124 *	124 *	121 *	72 *	69 *	50 *	41 *	44 *	34 *	39 *
20	134 *	141 *	178 *	144 *	114 *	82 *	68 *	49 *	40 *	45 *	34 *	74 *
21	134 *	131 *	114 *	136 *	119 *	78 *	67 *	49 *	40 *	40 *	33 *	59 *
22	134 *	163 *	111 *	158 *	160 *	84 *	67 *	49 *	40 *	40 *	33 *	61 *
23	134 *	132 *	139 *	160 *	160 *	72 *	67 *	49 *	40 *	40 *	32 *	65 *
24	134 *	132 *	110 *	165 *	170 *	66 *	65 *	49 *	40 *	40 *	33 *	63 *
25	134 *	125 *	117 *	192 *	94 *	64 *	65 *	50 *	40 *	40 *	33 *	54 *
26	134 *	121 *	117 *	178 *	92 *	69 *	64 *	49 *	40 *	40 *	32 *	81 *
27	134 *	114 *	117 *	160 *	10 *	68 *	63 *	49 *	40 *	39 *	33 *	67 *
28	134 *	230 *	112 *	174 *	13 *	67 *	62 *	48 *	39 *	38 *	36 *	61 *
29	134 *		111 *	193 *	98 *	66 *	62 *	48 *	39 *	38 *	38 *	54 *
30	134 *		90 *	147 *	88 *	65 *	61 *	47 *	39 *	36 *	36 *	52 *
31	134 *		99 *		84 *		60 *	47 *		36 *		49 *
Nivel Max.	185 *	285 *	188 *	279 *		95 *	95 *	67 *	46 *	49 *	39 *	89 *
Día	4	28	13	12		22	6		vv	18	29	20
Hora	17	7	17	7		7	17	6		17	6	6
Nivel Mín.	110 *	111 *	90 *	86 *		60 *	60 *	47 *	39 *	36 *	32 *	31 *
Día	15	vv	30	6		24	31	vv	vv	vv	vv	vv
Hora	17		17	17		17	6					
Nivel Medio	138	139	133	143	123	77	67	53	42	40	34	44

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H232	MOSQUITO AJ GRANDE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	15 *	66 *	92 *	41 *	42 *	4 *	1 *	12 *	6 *	8 *	10 *	11 *
2	15 *	51 *	76 *	34 *	35 *	4 *	1 *	11 *	6 *	8 *		11 *
3	39 *	94 *	95 *	29 *	33 *	4 *		11 *	6 *	9 *	9 *	10 *
4	26 *	79 *	72 *	25 *	32 *	3 *	49 *	11 *	6 *	9 *	9 *	10 *
5	21 *	71 *	81 *	21 *	31 *	3 *	48 *	11 *	5 *	9 *	9 *	9 *
6	33 *	60 *	58 *	19 *				11 *	8 *	9 *	8 *	9 *
7	31 *	42 *	240 *	39 *	28 *	2 *	46 *	11 *	8 *	8 *	8 *	9 *
8	36 *	84 *		27 *	26 *	2 *	44 *	10 *	8 *	8 *	8 *	9 *
9	61 *	56 *		19 *	25 *	3 *	43 *	10 *	8 *	8 *	8 *	8 *
10	30 *	340 *	78 *	18 *	24 *	3 *	42 *	10 *	8 *	8 *	8 *	9 *
11	23 *	215 *	71 *	17 *	22 *	3 *	41 *	9 *	8 *	8 *	8 *	9 *
12		217 *	73 *	15 *	21 *	3 *		9 *	8 *	8 *	8 *	9 *
13	17 *	134 *	160 *	43 *	26 *	2 *			7 *	8 *	8 *	9 *
14	17 *	214 *	94 *	77 *	24 *	2 *		9 *	7 *	8 *	8 *	9 *
15	65 *	123 *	90 *	49 *	23 *	2 *		8 *	7 *	9 *	8 *	9 *
16	55 *	82 *	74 *	41 *	15 *	2 *		8 *	7 *	9 *	8 *	
17	49 *	65 *	67 *	34 *	14 *	2 *		8 *	7 *	9 *	7 *	10 *
18	44 *	57 *	64 *		22 *	1 *		8 *	7 *		7 *	10 *
19	95 *	50 *	57 *	17 *	33 *	1 *		8 *	7 *	9 *	7 *	9 *
20	47 *	44 *	54 *	73 *	25 *	3 *	20 *	8 *	7 *	9 *	7 *	11 *
21	41 *	83 *	48 *	82 *	24 *	3 *		8 *	7 *	8 *	7 *	16 *
22	38 *	62 *	44 *	84 *	20 *	2 *		8 *	7 *	8 *	7 *	14 *
23	30 *	52 *	42 *	73 *	13 *			8 *	7 *	8 *	7 *	15 *
24	20 *	43 *	40 *	170 *	8 *	2 *		8 *		9 *	7 *	15 *
25	18 *	38 *	38 *	200 *	7 *	1 *		8 *	7 *	10 *	7 *	15 *
26	14 *	51 *	36 *	129 *	7 *	1 *	16 *	8 *	7 *	10 *	9 *	36 *
27	64 *	234 *	34 *	72 *	6 *	2 *	15 *	8 *	9 *	10 *	9 *	18 *
28	58 *	157 *	33 *		6 *	2 *	14 *	8 *	9 *	10 *	9 *	17 *
29	59 *		32 *	53 *	6 *	1 *	13 *	7 *	9 *	10 *	9 *	19 *
30	50 *		31 *	46 *	5 *	1 *	13 *	7 *	9 *	10 *	10 *	16 *
31	62 *		29 *		4 *		12 *	7 *		10 *		15 *
Nivel Max.		430 *										
Día		10										
Hora		7										
Nivel Mín.		37 *										
Día		25										
Hora		17										
Nivel Medio	39	102	69	55	20	2		9	7	9	8	12

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H233	JUNIN DJ EST.PALMAR											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	161 *	161 *	194 *	182 *	169 *	152 *	148 *	150 *	148 *	147 *	147 *	147 *
2	161 *	161 *	190 *	182 *	169 *	152 *	148 *	148 *	148 *	147 *	147 *	147 *
3	161 *	170 *	189 *	182 *	169 *	152 *	148 *	148 *	148 *	147 *	147 *	147 *
4	161 *	175 *	189 *	182 *	168 *	152 *	148 *	148 *	148 *	147 *	147 *	147 *
5	161 *	171 *	189 *	182 *	168 *	152 *	148 *	148 *	148 *	147 *	147 *	147 *
6	161 *	171 *	189 *	182 *	163 *	151 *	148 *	148 *	148 *	147 *	147 *	147 *
7	161 *	171 *	199 *	182 *	158 *	149 *	148 *	148 *	148 *	147 *	147 *	147 *
8	161 *	171 *	192 *	182 *	158 *	149 *	148 *	148 *	148 *	147 *	147 *	147 *
9	160 *	171 *	192 *	182 *	158 *	149 *	148 *	148 *	148 *	147 *	147 *	147 *
10	160 *	194 *	192 *	182 *	158 *	149 *	148 *	148 *	148 *	147 *	147 *	147 *
11	160 *	217 *	190 *	187 *	158 *	149 *	148 *	148 *	147 *	147 *	147 *	147 *
12	160 *	208 *	187 *	191 *	158 *	149 *	148 *	148 *	147 *	147 *	147 *	147 *
13	160 *	205 *	207 *	191 *	158 *	149 *	148 *	148 *	147 *	147 *	147 *	147 *
14	160 *	209 *	204 *	191 *	158 *	148 *	148 *	148 *	147 *	147 *	147 *	147 *
15	160 *	204 *	200 *	191 *	158 *	148 *	148 *	148 *	147 *	147 *	147 *	147 *
16	160 *	191 *	196 *	191 *	158 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
17	160 *	179 *	195 *	196 *	158 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
18	160 *	179 *	189 *	180 *	158 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
19	160 *	178 *	182 *	180 *	160 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
20	167 *	178 *	182 *	180 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
21	174 *	171 *	182 *	180 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
22	174 *	169 *	182 *	191 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
23	174 *	169 *	182 *	190 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
24	174 *	169 *	182 *	190 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
25	174 *	168 *	182 *	190 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
26	174 *	168 *	182 *	173 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
27	174 *	284 *	182 *	169 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
28	174 *	233 *	182 *	169 *	163 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
29	174 *		182 *	169 *	154 *	148 *	147 *	148 *	147 *	147 *	147 *	147 *
30	174 *		182 *	169 *	153 *	148 *	149 *	148 *	147 *	147 *	147 *	147 *
31	161 *		182 *		153 *		151 *	148 *		147 *		147 *
Nivel Max.	174 *	294 *	210 *	210 *	169 *	152 *	151 *	151 *	148 *	147 *	147 *	147 *
Día	vv	27	13	17	vv	vv	31	1	vv	vv	vv	vv
Hora		7	7	7			7	7				
Nivel Min.	160 *	161 *	182 *	168 *	153 *	148 *	147 *	147 *	147 *	147 *	147 *	147 *
Día	vv	vv	vv	28	vv	vv	vv	14	vv	vv	vv	vv
Hora				7				7				
Nivel Medio	165	185	189	183	161	149	148	148	147	147	147	147

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H326	BABA DJ TOACHI-DCP											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	84 *	119 *	162 *	78 *	83 *	77 *	38 *	3 *	13 *	17 *	13 *	2 *
2	87 *	116 *	151 *	69 *	80 *	76 *	47 *	2 *	14 *	15 *	14 *	2 *
3	43 *	113 *	142 *	81 *	75 *	66 *	33 *	2 *	12 *	15 *	14 *	2 *
4	55 *	106 *	132 *	77 *	94 *	66 *	28 *	1 *	11 *	15 *	15 *	5 *
5	95 *	118 *	139 *	66 *	135 *	49 *	38 *	2 *	10 *	15 *	13 *	6 *
6	83 *	128 *	141 *	70 *	103 *	45 *	43 *	5 *	8 *	15 *	14 *	8 *
7	85 *	124 *	132 *	63 *	99 *	52 *	33 *	4 *	9 *	14 *	16 *	5 *
8	92 *	133 *	116 *	77 *	100 *	46 *	28 *	2 *	11 *	13 *	16 *	2 *
9	106 *	93 *	98 *	97 *	139 *	43 *	31 *	1 *	12 *	10 *	17 *	1 *
10	158 *	133 *	83 *	110 *	119 *	43 *	24 *	3 *	12 *	8 *	17 *	1 *
11	171 *	98 *	83 *	113 *	135 *	45 *	27 *	6 *	11 *	7 *	18 *	8 *
12	200 *	98 *	79 *	178 *	123 *	43 *	27 *	8 *	12 *	8 *	19 *	12 *
13	215 *	98 *	125 *	168 *	118 *	39 *	25 *	9 *	12 *	9 *	19 *	10 *
14	194 *	143 *	141 *	153 *	112 *	38 *	25 *	7 *	13 *	10 *	19 *	8 *
15	184 *	138 *	113 *	149 *	109 *	37 *	23 *	7 *	14 *	8 *	17 *	2 *
16	270 *	158 *	100 *	177 *	104 *	42 *	23 *	6 *	15 *	8 *	16 *	2 *
17	260 *	156 *	115 *	128 *	99 *	41 *	20 *	7 *	17 *	33 *	15 *	1 *
18	193 *	360 *	139 *	112 *	95 *	36 *	19 *	8 *	18 *	28 *	15 *	1 *
19	238 *	240 *	125 *	98 *	89 *	32 *	19 *	9 *	18 *	19 *	14 *	2 *
20	155 *	183 *	141 *	143 *	82 *	43 *	18 *	11 *	17 *	14 *	13 *	3 *
21	140 *	178 *	129 *	135 *	77 *	36 *	17 *	9 *	17 *	9 *	14 *	8 *
22	135 *	152 *	117 *	117 *	78 *	35 *	15 *	7 *	18 *	8 *	15 *	28 *
23	170 *	132 *	120 *	113 *	83 *	48 *	11 *	7 *	17 *	7 *	15 *	18 *
24	156 *	119 *	165 *	107 *	88 *	36 *	10 *	5 *	17 *	4 *	14 *	12 *
25	189 *	121 *	110 *	98 *	86 *	44 *	9 *	4 *	17 *	1 *	14 *	15 *
26	173 *	118 *	173 *	118 *	88 *	37 *	8 *	5 *	17 *	7 *	15 *	122 *
27	154 *	163 *	138 *	138 *	118 *	33 *	7 *	6 *	18 *	6 *	3 *	70 *
28	138 *	172 *	118 *	113 *	69 *	29 *	6 *	7 *	18 *	8 *	1 *	166 *
29	117 *		103 *	103 *	79 *	29 *	5 *	9 *	19 *	10 *	0 *	63 *
30	103 *		93 *	93 *	84 *		4 *	11 *	19 *	13 *	2 *	53 *
31	98 *		87 *		79 *		3 *	12 *		15 *		44 *
Nivel Max.	280 *	380 *	180 *	190 *	150 *		48 *	12 *	19 *	35 *	19 *	172 *
Día	16	18	24	12	5		2	31	vv	17	vv	28
Hora	7	16	7	16	7		7	7		7		7
Nivel Min.	40 *	90 *	75 *	60 *	67 *		3 *	0 *	7 *	0 *	0 *	0 *
Día	3	9	12	7	28		31	9	6	25	29	17
Hora	16	16	16	16	16		7	7	18	7	7	16
Nivel Medio	146	143	123	111	97	44	21	6	14	12	13	22

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H327	CAJONES EN KM.18 1/2											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1							75	74	72	72	65 *	66 *
2							75	74	72	72	65 *	66 *
3							75	75	72	72	66 *	66 *
4							75	75	72	72	65 *	66 *
5							76	74	72	72	66 *	65 *
6							77	74	72	73	61 *	65 *
7							76	74	72	73	62 *	65 *
8							75	74	72	73	63 *	65 *
9							75	74	72	72	64 *	65 *
10							75	74	72	72	63 *	65 *
11							75	74	72	72	63 *	66 *
12							75	73	72	72	65 *	65 *
13							75	73	72	72	63 *	65 *
14							75	73	72	72	66 *	65 *
15							75	73	71	72	66 *	66 *
16							74	73	71	72	66 *	65 *
17							74	73	72	71	65 *	65 *
18							74	74	72	72	66 *	66 *
19							74	73	72	72	66 *	66 *
20							75	73	72	72	65 *	69 *
21							74	72	72	72	65 *	74 *
22							74	72	72	72	67 *	68 *
23							74	73	72	71	67 *	68 *
24							74	73	72	72	67 *	67 *
25							74	73	72	71	66 *	66 *
26							74	72	72	71	67 *	73 *
27							75	72	72	71	67 *	69 *
28						75	75	73	72	71	63 *	67 *
29						74	75	73	72	71	65 *	67 *
30						74	74	72	72	71	65 *	66 *
31							74	72		71		67 *
Nivel Max.							78	75	72	73	67 *	75 *
Día							6	vv	vv	vv	vv	21
Hora												18
Nivel Mín.							74	72	71	71	60 *	64 *
Día							vv	vv	vv	vv	6	7
Hora											18	18
Nivel Medio							75	73	72	72	65	66

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H329	PILALO EN LA ESPERANZA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	100 *	169 *	185 *	140 *	160 *	130 *	112 *	102 *	94 *	90 *	89 *	91 *
2	110 *	176 *	180 *	140 *	156 *	130 *	112 *	100 *	94 *	90 *	89 *	91 *
3	115 *	162 *	185 *	140 *	152 *	130 *	112 *	100 *	92 *	90 *	89 *	90 *
4	116 *	165 *	174 *	140 *	152 *	132 *	112 *	100 *	92 *	90 *	88 *	90 *
5	113 *	158 *	171 *	140 *	150 *	130 *	112 *	100 *	92 *	90 *	88 *	90 *
6	110 *	157 *	163 *	140 *	147 *	128 *	112 *	100 *	92 *	92 *	88 *	90 *
7	110 *	156 *	160 *	139 *	146 *	126 *	111 *	100 *	92 *	92 *	88 *	88 *
8	113 *	156 *	156 *	146 *	144 *	126 *	110 *	98 *	92 *	92 *	88 *	88 *
9	111 *	158 *	153 *	158 *	142 *	124 *	110 *	98 *	92 *	92 *	88 *	88 *
10	112 *	160 *	156 *	165 *	148 *	124 *	110 *	98 *	92 *	92 *	86 *	86 *
11	111 *	160 *	154 *	168 *	154 *	122 *	110 *	98 *	92 *	92 *	86 *	86 *
12	112 *	160 *	151 *	187 *	154 *	122 *	109 *	98 *	92 *	92 *	86 *	86 *
13	112 *	177 *	153 *	183 *	150 *	122 *	109 *	98 *	92 *	92 *	84 *	86 *
14	114 *	177 *	183 *	170 *	148 *	122 *	109 *	98 *	92 *	92 *	84 *	86 *
15	119 *	182 *	176 *	173 *	144 *	122 *	108 *	98 *	92 *	92 *	84 *	86 *
16	120 *	179 *	176 *	166 *	140 *	122 *	108 *	98 *	92 *	92 *	84 *	86 *
17	128 *	173 *	169 *	163 *	138 *	122 *	108 *	98 *	90 *	94 *	84 *	86 *
18	149 *	173 *	162 *	166 *	138 *	120 *	108 *	98 *	90 *	94 *	84 *	86 *
19	155 *	190 *	158 *	160 *	138 *	120 *	106 *	98 *	90 *	94 *	82 *	86 *
20	149 *	185 *	158 *	158 *	138 *	119 *	106 *	98 *	90 *	94 *	82 *	88 *
21	146 *	181 *	155 *	210 *	138 *	118 *	106 *	96 *	90 *	94 *	82 *	88 *
22	140 *	177 *	160 *	200 *	136 *	118 *	106 *	96 *	90 *	94 *	82 *	86 *
23	138 *	166 *	173 *	197 *	134 *	118 *	106 *	96 *	90 *	92 *	82 *	86 *
24	136 *	160 *	165 *	188 *	132 *	116 *	106 *	96 *	90 *	92 *	80 *	86 *
25	134 *	162 *	158 *	182 *	133 *	116 *	106 *	96 *	90 *	92 *	84 *	90 *
26	130 *	178 *	154 *	176 *	136 *	116 *	106 *	96 *	90 *	92 *	84 *	110 *
27	130 *	188 *	150 *	176 *	134 *	114 *	104 *	96 *	90 *	92 *	84 *	98 *
28	130 *	188 *	150 *	170 *	134 *	114 *	104 *	94 *	90 *	92 *	84 *	90 *
29	128 *		148 *	167 *	134 *	114 *	104 *	94 *	90 *	92 *	88 *	88 *
30	126 *		144 *	162 *	132 *	112 *	104 *	94 *	90 *	92 *	88 *	88 *
31	163 *		142 *		130 *		102 *	94 *		92 *		90 *
Nivel Max.	190 *	192 *	190 *	220 *	160 *	132 *	112 *	102 *	94 *	94 *	90 *	110 *
Día	31	19	1	21	1	4	vv	1	vv	vv	2	26
Hora	18	7	18	18	7	7		7			7	18
Nivel Mín.	100 *	156 *	142 *	138 *	130 *	112 *	102 *	94 *	90 *	90 *	80 *	86 *
Día	1	vv	31	7	31	30	31	vv	vv	vv	24	vv
Hora	7		18	7	18	18	18				7	
Nivel Medio	125	170	162	166	142	122	108	98	91	92	85	89

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H331	CHIMBO EN SAN LORENZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	45 *	43 *	38 *	46 *	73 *	44 *	33 *	15 *	12 *	14 *	16 *	20 *
2	42 *	50 *	38 *	45 *	69 *	44 *	33 *	14 *	12 *	14 *	16 *	20 *
3	42 *	50 *	38 *	43 *	69 *	44 *	32 *	14 *	12 *	14 *	17 *	19 *
4	41 *	50 *	38 *	41 *	67 *	44 *	31 *	14 *	12 *	14 *	17 *	18 *
5	40 *	49 *	38 *	40 *	65 *	44 *	31 *	14 *	12 *	14 *	18 *	18 *
6	37 *	49 *	38 *	39 *	61 *	45 *	30 *	14 *	12 *	14 *	18 *	18 *
7	36 *	49 *	38 *	36 *	60 *	45 *	29 *	14 *	12 *	14 *	18 *	18 *
8	35 *	48 *	37 *	37 *	59 *	47 *	29 *	14 *	12 *	14 *	18 *	18 *
9	34 *	48 *	37 *	39 *	58 *	45 *	29 *	14 *	12 *	14 *	18 *	18 *
10	34 *	48 *	36 *	45 *	57 *	44 *	29 *	14 *	12 *	14 *	18 *	17 *
11	32 *	48 *	35 *	48 *	57 *	44 *	28 *	14 *	12 *	14 *	18 *	17 *
12	32 *	47 *	35 *	56 *	57 *	44 *	27 *	14 *	12 *	15 *	18 *	17 *
13	31 *	47 *	35 *	57 *	56 *	44 *	26 *	14 *	12 *	17 *	18 *	17 *
14	30 *	46 *	35 *	57 *	56 *	44 *	25 *	14 *	12 *	18 *	18 *	17 *
15	40 *	45 *	38 *	59 *	55 *	46 *	25 *	14 *	12 *	19 *	18 *	17 *
16	50 *	44 *	35 *	62 *	55 *	46 *	25 *	13 *	12 *	19 *	18 *	17 *
17	49 *	44 *	32 *	66 *	53 *	44 *	24 *	13 *	12 *	20 *	44 *	17 *
18	47 *	43 *	32 *	65 *	53 *	43 *	24 *	13 *	12 *	19 *	40 *	16 *
19	45 *	42 *	31 *	66 *	53 *	42 *	23 *	13 *	12 *	18 *	30 *	16 *
20	45 *	41 *	31 *	68 *	51 *	41 *	23 *	13 *	12 *	18 *	29 *	16 *
21	45 *	41 *	33 *	75 *	50 *	40 *	22 *	13 *	12 *	18 *	27 *	16 *
22	45 *	40 *	35 *	85 *	49 *	40 *	22 *	13 *	12 *	17 *	27 *	16 *
23	42 *	40 *	34 *	96 *	49 *	39 *	22 *	13 *	13 *	17 *	26 *	16 *
24	38 *	40 *	33 *	99 *	48 *	38 *	22 *	13 *	13 *	17 *	26 *	16 *
25	36 *	39 *	34 *	99 *	47 *	37 *	21 *	13 *	13 *	17 *	25 *	16 *
26	35 *	39 *	34 *	98 *	47 *	36 *	23 *	13 *	13 *	17 *	23 *	18 *
27	34 *	38 *	34 *	96 *	46 *	36 *	19 *	13 *	13 *	17 *	22 *	18 *
28	33 *	38 *	47 *	91 *	46 *	35 *	18 *	12 *	13 *	16 *	21 *	19 *
29	31 *		58 *	89 *	45 *	35 *	16 *	12 *	13 *	16 *	20 *	18 *
30	33 *		54 *	86 *	45 *	34 *	15 *	12 *	13 *	16 *	20 *	18 *
31	38 *		53 *		44 *		15 *	12 *		16 *		18 *
Nivel Max.	50 *	55 *	59 *	100 *	75 *	50 *	33 *	15 *	13 *	20 *	70 *	20 *
Día	16	2	29	24	1	8	vv	1	vv	17	17	vv
Hora	8	18	18	18	8	18		8		18	18	
Nivel Min.	30 *	38 *	30 *	35 *	44 *	34 *	15 *	12 *	12 *	13 *	16 *	16 *
Día	29	vv	20	7	31	30	vv	vv	vv	1	vv	vv
Hora	18		18	8	8	8				8		
Nivel Medio	38	44	37	64	55	42	25	13	12	16	22	17

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H333	SAN LORENZO EN SAN LORENZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	62 *	61 *	60 *	68 *	79 *	64 *	61 *	55 *	49 *	50 *	48 *	57 *
2	62 *	60 *	59 *	66 *	78 *	64 *	60 *	55 *	49 *	50 *	48 *	55 *
3	61 *	59 *	58 *	66 *	76 *	64 *	60 *	55 *	49 *	50 *	48 *	54 *
4	60 *	59 *	58 *	66 *	75 *	65 *	60 *	55 *	49 *	50 *	48 *	53 *
5	60 *	58 *	58 *	65 *	74 *	64 *	60 *	55 *	49 *	50 *	49 *	51 *
6	60 *	58 *	57 *	65 *	72 *	64 *	59 *	55 *	49 *	52 *	49 *	50 *
7	60 *	58 *	56 *	65 *	72 *	63 *	59 *	53 *	49 *	52 *	49 *	49 *
8	59 *	58 *	56 *	65 *	72 *	62 *	59 *	52 *	49 *	52 *	49 *	49 *
9	59 *	58 *	56 *	70 *	71 *	62 *	59 *	52 *	49 *	52 *	50 *	48 *
10	59 *	58 *	56 *	68 *	70 *	61 *	59 *	51 *	49 *	53 *	50 *	47 *
11	58 *	58 *	56 *	68 *	69 *	60 *	59 *	52 *	49 *	52 *	50 *	47 *
12	60 *	58 *	56 *	69 *	69 *	61 *	59 *	52 *	49 *	52 *	52 *	52 *
13	60 *	59 *	55 *	70 *	69 *	67 *	58 *	52 *	49 *	52 *	53 *	52 *
14	60 *	59 *	58 *	74 *	68 *	63 *	58 *	52 *	49 *	52 *	52 *	52 *
15	65 *	58 *	63 *	72 *	67 *	62 *	58 *	52 *	49 *	50 *	52 *	50 *
16	65 *	58 *	62 *	75 *	68 *	62 *	58 *	51 *	50 *	50 *	50 *	50 *
17	63 *	58 *	60 *	88 *	69 *	68 *	56 *	50 *	50 *	50 *	50 *	54 *
18	60 *	57 *	59 *	84 *	71 *	65 *	56 *	50 *	49 *	49 *	54 *	52 *
19	64 *	57 *	58 *	80 *	69 *	65 *	56 *	50 *	49 *	49 *	58 *	52 *
20	66 *	57 *	58 *	79 *	69 *	63 *	56 *	50 *	49 *	49 *	55 *	52 *
21	61 *	57 *	58 *	75 *	67 *	63 *	56 *	50 *	49 *	49 *	50 *	53 *
22	60 *	57 *	57 *	90 *	67 *	62 *	56 *	50 *	50 *	49 *	52 *	53 *
23	60 *	57 *	67 *	90 *	66 *	62 *	56 *	50 *	50 *	49 *	50 *	52 *
24	59 *	58 *	65 *	90 *	67 *	62 *	57 *	50 *	49 *	49 *	53 *	52 *
25	59 *	58 *	68 *	89 *	67 *	62 *	57 *	50 *	49 *	48 *	51 *	51 *
26	58 *	58 *	70 *	88 *	66 *	64 *	56 *	50 *	49 *	48 *	53 *	54 *
27	58 *	60 *	65 *	86 *	66 *	61 *	56 *	49 *	49 *	50 *	51 *	58 *
28	58 *	58 *	70 *	81 *	66 *	61 *	56 *	49 *	50 *	49 *	50 *	55 *
29	58 *		70 *	80 *	66 *	61 *	55 *	49 *	50 *	49 *	54 *	55 *
30	58 *		70 *	80 *	65 *	62 *	55 *	49 *	50 *	49 *	58 *	52 *
31	61 *		68 *		65 *		55 *	49 *		49 *		52 *
Nivel Max.	66 *	62 *	72 *	100 *	79 *	68 *	61 *	55 *	50 *	53 *	65 *	58 *
Día	20	1	30	17	1	13	1	vv	vv	10	19	27
Hora	6	18	18	18	6	6	6			6	18	6
Nivel Min.	58 *	56 *	55 *	64 *	65 *	60 *	55 *	49 *	49 *	48 *	48 *	47 *
Día	vv	23	13	7	vv	11	vv	vv	vv	vv	vv	vv
Hora		18	6	18		6						
Nivel Medio	60	58	61	76	69	63	57	51	49	50	51	52

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	83 *	100 *	100 *	98 *	115 *	86 *	86 *	46 *	46 *	46 *	40 *	40 *
2	82 *	105 *	106 *	98 *	104 *	86 *	86 *	46 *	46 *	46 *	40 *	40 *
3	82 *	102 *	106 *	98 *	104 *	86 *	86 *	46 *	46 *	46 *	40 *	40 *
4	82 *	100 *	100 *	98 *	104 *	102 *	86 *	46 *	46 *	46 *	40 *	40 *
5	82 *	96 *	90 *	98 *	102 *	102 *	86 *	46 *	46 *	46 *	40 *	40 *
6	82 *	95 *	90 *	95 *	100 *	100 *	86 *	46 *	46 *	46 *	40 *	40 *
7	83 *	95 *	90 *	95 *	100 *	100 *	84 *	46 *	46 *	46 *	40 *	40 *
8	83 *	92 *	90 *	95 *	100 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
9	83 *	92 *	90 *	90 *	100 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
10	83 *	92 *	90 *	92 *	100 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
11	84 *	94 *	99 *	98 *	113 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
12	85 *	94 *	98 *	93 *	114 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
13	84 *	94 *	98 *	90 *	114 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
14	83 *	100 *	90 *	90 *	100 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
15	83 *	90 *	105 *	100 *	100 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
16	83 *	97 *	90 *	108 *	100 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
17	82 *	100 *	93 *	108 *	100 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
18	91 *	98 *	93 *	108 *	100 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
19	88 *	98 *	90 *	108 *	90 *	90 *	82 *	46 *	46 *	46 *	40 *	40 *
20	88 *	94 *	90 *	108 *	90 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
21	83 *	94 *	90 *	100 *	90 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
22	82 *	94 *	90 *	100 *	90 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
23	83 *	94 *	90 *	100 *	90 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
24	88 *	94 *	90 *	110 *	90 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
25	88 *	94 *	90 *	115 *	88 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
26	84 *	94 *	90 *	120 *	88 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
27	85 *	100 *	90 *	120 *	88 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
28	85 *	100 *	90 *	118 *	88 *	90 *	48 *	46 *	46 *	46 *	40 *	40 *
29	93 *		90 *	118 *	86 *	86 *	48 *	46 *	46 *	46 *	40 *	40 *
30	98 *		90 *	116 *	86 *	86 *	48 *	46 *	46 *	46 *	40 *	40 *
31			90 *		86 *		48 *	46 *		46 *		40 *
Nivel Max.		110 *	106 *	120 *	125 *	102 *	86 *	46 *	46 *	46 *	40 *	40 *
Día		2	vv	vv	11	vv	vv	vv	vv	vv	vv	vv
Hora		17			17							
Nivel Min.		90 *	90 *	90 *	86 *	86 *	48 *	46 *	46 *	46 *	40 *	40 *
Día		15	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora		17										
Nivel Medio	85	96	93	103	97	91	70	46	46	46	40	40

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H337 PANGOR AJ CHIMBO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		20 *	20 *		45 *	29 *	28 *	18 *		13 *	8 *	8 *
2		20 *	21 *		44 *	29 *	28 *	18 *	4 *	12 *		8 *
3	17 *	20 *	22 *	28 *	43 *	28 *	28 *	18 *	4 *	12 *		8 *
4	17 *		22 *	28 *	41 *	30 *	28 *	18 *	5 *	12 *	7 *	8 *
5	17 *	20 *	22 *	28 *	40 *	32 *	28 *	18 *	5 *	12 *	7 *	7 *
6	16 *	20 *	21 *	29 *	39 *	35 *	28 *	18 *	6 *	11 *	7 *	7 *
7	16 *	19 *	20 *	29 *	39 *	35 *	28 *	18 *	7 *	11 *	7 *	7 *
8	15 *	18 *	21 *	30 *		33 *	27 *	18 *	8 *		8 *	7 *
9	15 *	18 *	25 *	30 *	38 *	32 *	27 *	17 *	9 *	11 *	8 *	7 *
10	15 *	17 *	25 *	32 *	38 *	30 *	27 *	17 *	10 *	11 *	8 *	7 *
11	14 *	17 *	25 *	34 *	39 *	29 *	27 *	17 *	10 *	11 *	9 *	7 *
12	14 *	17 *	26 *	35 *	40 *	28 *	27 *	17 *	11 *	10 *	9 *	8 *
13	14 *	17 *	26 *	37 *	39 *	28 *	27 *	17 *	11 *	10 *	10 *	8 *
14		18 *	27 *	38 *	39 *	28 *	26 *	16 *	11 *	10 *	11 *	8 *
15	15 *	18 *	27 *	39 *	39 *	28 *	26 *	16 *	11 *	10 *	12 *	8 *
16	16 *	19 *	28 *	40 *	39 *	28 *	26 *	14 *	11 *	10 *	12 *	9 *
17	17 *	19 *	25 *	42 *		28 *	25 *	14 *		10 *	13 *	9 *
18	18 *		20 *	42 *		28 *	25 *	12 *		9 *	13 *	9 *
19	18 *	17 *	20 *	42 *	39 *	28 *	25 *	12 *		9 *	11 *	9 *
20	19 *	18 *	20 *		39 *	28 *	24 *	10 *	12 *	9 *	9 *	9 *
21	20 *	19 *	21 *	44 *	38 *	28 *	23 *	9 *	12 *	9 *	9 *	10 *
22	20 *	19 *	20 *	44 *	37 *	28 *	20 *	8 *	12 *	9 *	9 *	10 *
23	18 *		20 *	45 *	35 *	28 *	20 *	7 *	12 *	8 *	9 *	10 *
24	18 *			46 *	34 *	28 *	20 *	6 *	12 *	8 *	9 *	10 *
25	17 *	20 *	25 *	47 *	33 *	28 *	20 *	6 *	13 *	8 *	9 *	10 *
26	16 *	20 *	25 *	47 *	32 *	28 *	20 *	5 *	13 *	8 *	9 *	9 *
27		21 *	25 *	48 *	31 *	28 *	19 *	5 *	13 *		8 *	9 *
28		21 *			30 *	28 *	19 *	4 *	13 *		8 *	9 *
29	18 *			47 *	30 *	28 *	19 *	4 *	13 *	8 *		9 *
30	19 *		27 *	46 *		28 *	18 *	3 *	13 *	8 *	8 *	9 *
31	20 *		27 *		29 *		18 *	3 *		8 *		9 *
Nivel Max.						35 *	28 *	18 *				10 *
Día						vv	vv	vv				vv
Hora												
Nivel Mín.						28 *	18 *	3 *				7 *
Día						vv	vv	vv				vv
Hora												
Nivel Medio	17	19	23	38	37	29	24	12	10	10	9	8

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H338 CHIMBO DJ PANGOR												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		70 *	55 *		109 *	79 *	65 *	45 *		40 *	30 *	35 *
2		73 *	55 *		97 *	79 *	65 *	44 *	33 *	40 *		34 *
3	55 *	75 *	58 *	67 *	102 *	79 *	65 *	44 *	33 *	39 *		34 *
4	55 *		59 *	69 *	98 *	79 *	65 *	44 *	33 *	38 *	30 *	34 *
5	54 *	76 *	60 *	74 *	97 *	79 *	64 *	44 *	33 *	37 *	31 *	35 *
6	54 *	75 *	62 *	79 *	95 *	78 *	63 *	42 *	33 *	37 *	31 *	35 *
7	53 *	73 *	62 *	83 *	94 *	79 *	60 *	42 *	33 *	37 *	32 *	33 *
8	53 *	73 *	64 *	85 *		78 *	59 *	42 *	34 *		32 *	33 *
9	53 *	70 *	65 *	87 *	90 *	78 *	59 *	42 *	34 *	36 *	32 *	33 *
10	53 *	68 *	65 *	91 *	89 *	78 *	59 *	41 *	35 *	36 *	32 *	31 *
11	53 *	68 *	68 *	93 *	89 *	78 *	59 *	41 *	35 *	36 *	32 *	31 *
12	54 *	65 *	68 *	96 *	89 *	78 *	59 *	41 *	35 *	35 *	33 *	32 *
13	55 *	65 *	70 *	98 *	88 *	78 *	59 *	40 *	36 *	34 *	34 *	33 *
14		63 *	75 *	100 *	87 *	78 *	59 *	40 *	36 *	35 *	34 *	33 *
15	57 *	63 *	76 *	103 *	87 *	78 *	58 *	40 *	37 *	35 *	33 *	32 *
16	57 *	64 *	77 *	109 *	86 *	78 *	57 *	40 *	37 *	34 *	33 *	33 *
17	57 *	68 *	79 *	111 *		78 *	56 *	40 *		34 *	34 *	34 *
18	60 *		78 *	116 *		78 *	55 *	39 *		34 *	34 *	34 *
19	60 *	66 *	75 *	118 *	89 *	77 *	55 *	39 *		33 *	34 *	34 *
20	60 *	65 *	70 *		88 *	76 *	54 *	39 *	38 *	33 *	34 *	34 *
21	58 *	64 *	68 *	116 *	86 *	75 *	54 *	39 *	39 *	33 *	34 *	35 *
22	58 *	64 *	66 *	117 *	85 *	75 *	50 *	39 *	39 *	33 *	34 *	35 *
23	58 *		66 *	117 *	85 *	75 *	50 *	39 *	40 *	32 *	35 *	35 *
24	57 *			118 *	84 *	75 *	50 *	39 *	40 *	32 *	35 *	36 *
25	56 *	60 *	64 *	119 *	83 *	75 *	49 *	38 *	40 *	32 *	35 *	36 *
26	56 *	58 *	64 *	120 *	83 *	70 *	48 *	38 *	41 *	31 *	35 *	38 *
27		57 *	65 *	118 *	82 *	67 *	48 *	36 *	41 *		35 *	38 *
28		56 *			80 *	67 *	48 *	36 *	41 *		35 *	35 *
29	61 *			116 *	79 *	66 *	47 *	34 *	41 *	31 *		35 *
30	66 *		60 *	113 *	79 *	65 *	45 *	33 *	42 *	30 *	35 *	33 *
31	69 *		60 *		79 *		45 *	33 *		30 *		33 *
Nivel Max.						79 *	65 *	45 *				38 *
Día						vv	vv	1				vv
Hora								7				
Nivel Mín.						65 *	45 *	33 *				31 *
Día						30	vv	vv				vv
Hora						16						
Nivel Medio	57	67	66	101	88	76	56	40	37	35	33	34

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H340 CHIMBO EN BUCAY													
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	68 *	89 *	93 *	105 *	128 *	95 *	81 *	63 *	58 *	49 *	45 *	51 *	
2	67 *	103 *	95 *	103 *	127 *	95 *	80 *	63 *	58 *	49 *	45 *	55 *	
3	66 *	92 *	97 *	100 *	126 *	95 *	79 *	63 *	57 *	49 *	45 *	55 *	
4	65 *	85 *	100 *	97 *	121 *	95 *	78 *	62 *	57 *	49 *	45 *	54 *	
5	63 *	81 *	101 *	94 *	118 *	94 *	77 *	62 *	56 *	49 *	45 *	51 *	
6	62 *	77 *	103 *	91 *	117 *	94 *	77 *	62 *	56 *	49 *	45 *	49 *	
7	60 *	73 *	107 *	89 *	113 *	94 *	76 *	61 *	56 *	49 *	45 *	47 *	
8	58 *	74 *	113 *	88 *	112 *	94 *	76 *	61 *	55 *	49 *	45 *	47 *	
9	58 *	76 *	115 *	92 *	111 *	93 *	76 *	61 *	55 *	49 *	45 *	47 *	
10	57 *	76 *	117 *	99 *	113 *	93 *	75 *	60 *	54 *	48 *	45 *	48 *	
11	56 *	74 *	119 *	102 *	108 *	93 *	75 *	60 *	54 *	48 *	46 *	49 *	
12	56 *	75 *	120 *	113 *	108 *	92 *	75 *	60 *	53 *	48 *	46 *	50 *	
13	56 *	75 *	121 *	120 *	108 *	92 *	75 *	60 *	52 *	48 *	46 *	50 *	
14	55 *	76 *	124 *	130 *	107 *	91 *	74 *	60 *	51 *	48 *	46 *	51 *	
15	65 *	86 *	125 *	126 *	106 *	91 *	74 *	60 *	51 *	48 *	47 *	51 *	
16	65 *	104 *	125 *	120 *	106 *	91 *	74 *	60 *	51 *	48 *	47 *	51 *	
17	66 *	129 *	123 *	126 *	106 *	90 *	72 *	60 *	51 *	48 *	47 *	50 *	
18	69 *	123 *	120 *	125 *	106 *	89 *	72 *	60 *	50 *	48 *	47 *	50 *	
19	72 *	117 *	118 *	125 *	105 *	89 *	70 *	60 *	50 *	48 *	47 *	50 *	
20	87 *	90 *	115 *	127 *	104 *	88 *	70 *	60 *	50 *	48 *	48 *	51 *	
21	75 *	89 *	113 *	127 *	103 *	88 *	69 *	60 *	50 *	48 *	48 *	51 *	
22	73 *	87 *	110 *	128 *	100 *	87 *	67 *	60 *	50 *	47 *	48 *	52 *	
23	72 *	86 *	106 *	130 *	100 *	87 *	66 *	59 *	50 *	47 *	48 *	52 *	
24	70 *	85 *	100 *	131 *	100 *	86 *	65 *	59 *	50 *	47 *	49 *	53 *	
25	70 *	83 *	100 *	132 *	98 *	85 *	65 *	59 *	50 *	47 *	49 *	53 *	
26	70 *	83 *	100 *	135 *	98 *	83 *	64 *	59 *	50 *	47 *	49 *	58 *	
27	70 *	88 *	100 *	134 *	97 *	83 *	64 *	59 *	50 *	47 *	49 *	58 *	
28	73 *	87 *	102 *	133 *	96 *	82 *	64 *	58 *	50 *	47 *	48 *	58 *	
29	73 *		103 *	131 *	95 *	81 *	63 *	58 *	50 *	46 *	48 *	58 *	
30	75 *		105 *	130 *	95 *	81 *	63 *	58 *	50 *	46 *	48 *	58 *	
31	75 *		105 *		95 *		63 *	58 *		45 *		58 *	
Nivel Max.	89 *	130 *	125 *	135 *	128 *	95 *	81 *	63 *	58 *	49 *	49 *	58 *	
Día	20	17	vv	26	1	vv	1	vv	vv	vv	vv	vv	
Hora	7	7		7	7		7						
Nivel Min.	55 *	71 *	89 *	88 *	95 *	81 *	63 *	58 *	50 *	45 *	45 *	47 *	
Día	14	8	2	8	vv	vv	vv	vv	vv	31	vv	vv	
Hora	7	7	18	18						7			
Nivel Medio	67	88	109	116	107	90	72	60	52	48	47	52	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H343 ECHEANDIA EN ECHEANDIA													
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	63 *	89 *	108 *	90 *	90 *	65 *	58 *	54 *	36 *		30 *	32 *	
2	61 *	113 *	105 *	90 *	90 *	65 *	58 *	52 *	34 *		30 *	32 *	
3	60 *	108 *	99 *	88 *	88 *	65 *	58 *	52 *	33 *		30 *	32 *	
4	59 *	100 *	96 *	86 *	85 *	72 *	57 *	50 *	31 *		30 *	30 *	
5		95 *	94 *	86 *	83 *	65 *	56 *	50 *	31 *		30 *	30 *	
6	64 *	98 *	90 *	85 *	80 *	63 *	56 *	45 *	35 *		30 *	30 *	
7	62 *	95 *	90 *	85 *	80 *	62 *	56 *	45 *	35 *		30 *	28 *	
8	61 *	100 *	95 *	85 *	80 *	61 *	56 *	45 *	35 *		30 *	28 *	
9	58 *	95 *	95 *	128 *	80 *	62 *	56 *	45 *	35 *		30 *	28 *	
10	69 *	95 *	95 *	125 *	90 *		56 *	45 *	35 *		30 *	28 *	
11	67 *	95 *	95 *	110 *	90 *		56 *	45 *	35 *		30 *	28 *	
12	66 *	95 *	97 *	117 *	85 *		56 *	45 *	35 *		28 *	30 *	
13	64 *	95 *	96 *	113 *	85 *	62 *	56 *	43 *	35 *		28 *	28 *	
14	62 *	95 *	115 *	118 *	85 *	62 *	56 *	45 *	35 *		30 *	28 *	
15	69 *	95 *	110 *	118 *	85 *	62 *	56 *	43 *	35 *		30 *	28 *	
16	68 *		98 *	113 *	85 *	62 *	56 *	43 *	35 *		30 *	28 *	
17	84 *	110 *	97 *	113 *	80 *	62 *	56 *	43 *	35 *		30 *	28 *	
18	88 *	105 *	97 *	118 *	80 *	61 *	56 *	43 *	35 *		30 *	28 *	
19	113 *	105 *	104 *		80 *	60 *	56 *	43 *	35 *		28 *	28 *	
20	95 *	103 *	100 *	110 *	72 *	60 *	56 *	42 *	35 *		28 *	28 *	
21	90 *	100 *	100 *	111 *	72 *	60 *	56 *	42 *	35 *		28 *	28 *	
22	105 *	100 *	115 *	115 *	70 *	60 *	56 *	42 *	35 *		28 *	27 *	
23	113 *	98 *	100 *	112 *	70 *	60 *	56 *	42 *	35 *		28 *	27 *	
24	100 *	95 *	100 *	107 *		60 *	56 *	43 *	35 *		28 *	28 *	
25	104 *	95 *	125 *	108 *	70 *	60 *	56 *	43 *	35 *		28 *	30 *	
26	99 *	95 *	118 *	101 *	70 *	59 *	56 *	42 *	35 *		28 *	30 *	
27		95 *	110 *	100 *	70 *	58 *	56 *	42 *	35 *		28 *	30 *	
28		93 *	110 *	95 *	70 *	58 *	56 *	41 *	35 *		28 *	35 *	
29			104 *	95 *	63 *	58 *	56 *	38 *	35 *		30 *	40 *	
30			97 *	92 *	63 *	58 *	56 *	38 *	35 *		38 *	40 *	
31			90 *		63 *							39 *	
Nivel Max.			150 *								38 *	40 *	
Día			25								30	vv	
Hora			17								17		
Nivel Min.			90 *								28 *	27 *	
Día			vv								vv	vv	
Hora													
Nivel Medio	78	98	101	104	78	61	56	44	35		29	30	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H346 ZAPOTAL EN LECHUGAL												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	72 *	178 *	262 *			81 *	42	19	5	0 *		0 *
2	58 *	192 *	273 *			78 *	45	18	5	0 *		0 *
3	73 *	169 *	236 *			73 *	43	18	4	0 *		0 *
4	69 *	162 *	218 *			73 *	42	17	4	0 *		0 *
5	62 *	157 *	188 *			78 *	49	17	4	0 *		0 *
6	68 *	143 *	177 *			73 *	57	17	2	0 *		0 *
7	63 *	134 *	183 *			71 *	53	17	3	0 *		0 *
8	72 *	168 *	187 *			65 *	48	16	5	0 *		0 *
9	78 *	163 *	179 *			63 *	46	16	4	0 *		0 *
10	89 *	169 *	164 *			62 *	45	17	4	0 *		0 *
11	94 *	168 *	164 *			62 *	43	15	3	0 *		0 *
12	96 *	171 *	148 *			62 *	43	15	2 *	0 *		0 *
13	143 *	172 *	173 *			59 *	41	15	2 *	0 *		0 *
14	102 *	223 *	231 *			55 *	37	14	1 *	0 *		0 *
15	92 *	224 *	228 *			54 *	36	16	1 *	0 *		0 *
16	98 *	219 *	258 *			52 *	37	15	1 *	0 *		0 *
17	183 *	353 *	219 *			55	30	15	1 *	0 *		0 *
18	172 *	263 *	288 *			55	25	16	1 *	0 *		0 *
19	228 *	287 *	277 *			55	25	14	1 *	0 *		0 *
20	239 *	262 *	223 *			52	25	14	1 *	0 *		0 *
21	278 *	223 *	198 *			51	25	11	1 *	0 *		0 *
22	188 *	197 *	193 *			49	26	10	1 *	0 *		0 *
23	162 *	178 *	184 *			55	25	11	1 *	0 *		13 *
24	149 *	218 *	167 *			53	24	6	1 *	0 *		18 *
25	248 *	183 *	183 *			51	25	3	1 *	0 *		12 *
26	279 *	168 *	246 *			51	24	4	0 *	0 *		79 *
27	213 *	218 *	198 *			49	24	6	0 *	0 *		72 *
28	213 *	334 *	194 *			47	25	5	0 *	0 *		52 *
29	188 *		168 *			46	24	5	0 *	0 *		44 *
30	158 *		153 *			44	24	4	0 *	0 *		34 *
31	138 *		147 *				23	4		0 *		25 *
Nivel Max.	362 *	405 *	292 *			82 *	58	21	7	0 *		82 *
Día	25	17	19			2	6	1	8			26
Hora	7	7	7			7	1	21	18			17
Nivel Mín.	52 *	124 *	142 *			35 *	21	1	0 *	0 *		0 *
Día	5	7	31			29	31	25	wv	wv		wv
Hora	7	7	17			17	17	17				
Nivel Medio	141	203	203			59	35	13	2	0		11

NOTA: * DATOS LIMNIMETRICOS

wv = Evento registrado en varios días

2003

H348 VINCES EN VINCES-DCP												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	331 *	367 *	538 *	299 *	347 *	239 *	140 *					
2	311 *	392 *	516 *	290 *	329 *	252 *	149 *					
3	291 *	377 *	485 *	279 *	313 *	240 *	158 *					
4	294 *	351 *	458 *	260 *	296 *	233 *	149 *					
5	303 *	350 *	428 *	278 *	299 *	275 *	146 *					
6	287 *	340 *	406 *	258 *	348 *	234 *	164 *					
7	273 *	334 *	382 *	261 *	370 *	221 *	165 *					
8	262 *	334 *	380 *	251 *	328 *	211 *	153 *					
9	259 *	337 *	371 *	284 *	318 *	207 *	144 *					
10	258 *	332 *	351 *	438 *	332 *	197 *	140 *					
11	261 *	336 *	340 *	410 *	327 *	190 *	138 *					
12	250 *	337 *	330 *	400 *	344 *	183 *	137 *					
13	250 *	343 *	320 *	463 *	340 *	179 *	133 *					
14	269 *	366 *	379 *	435 *	321 *	180 *	128 *					
15	285 *	443 *	453 *	413 *	362 *	174 *	124 *					
16	443 *	424 *	438 *	539 *	353 *	167 *	121 *					
17	448 *	467 *	445 *	514 *	358 *	162 *	117 *					
18	434 *	494 *	439 *	484 *	330 *	160 *	114 *					
19	426 *	489 *	444 *	435 *	321 *	157 *	111 *					
20	490 *	555 *	460 *	413 *	304 *	153 *	110 *					
21	479 *	534 *	415 *	394 *	294 *	155 *	109 *					
22	430 *	503 *	387 *	398 *	278 *	157 *	105 *					
23	394 *	463 *	365 *	388 *	272 *	157 *	101 *					
24	397 *	423 *	388 *	371 *	332 *	167 *	99 *					
25	375 *	418 *	428 *	442 *	284 *	166 *	96 *					
26	455 *	395 *	409 *	418 *	265 *	152 *	95 *					
27	440 *	389 *	448 *	403 *	267 *	149 *	95 *					
28	408 *	451 *	402 *	437 *	315 *	147 *	95 *					
29	381 *		365 *	408 *	282 *	142 *	86 *					
30	362 *		335 *	376 *	257 *	140 *	86 *					
31	350 *		312 *		247 *		84 *					
Nivel Max.	500 *	557 *	540 *	543 *	375 *	280 *	168 *					
Día	20	20	1	16	7	5	7					
Hora	18	7	7	7	7	7	7					
Nivel Mín.	248 *	332 *	306 *	250 *	243 *	140 *	82 *					
Día	13	10	31	8	31	30	29					
Hora	7	18	18	18	18	18	18					
Nivel Medio	351	405	407	381	314	185	122					

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H352	MACUL EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	150 *	190 *	403 *	180 *	235 *		82 *	64 *	58 *	54 *	53 *	63 *
2	144 *		390 *	163 *	196 *	166 *	80 *	65 *	57 *	54 *		68 *
3	129 *		369 *	148 *		174 *	78 *	65 *	56 *	53 *		68 *
4	125 *	162 *		171 *		161 *	78 *	64 *	57 *	51 *	55 *	67 *
5	112 *	137 *	262 *	183 *		149 *		65 *		52 *	54 *	69 *
6	103 *		253 *		200 *	145 *	96 *	65 *	58 *	53 *	53 *	63 *
7	95 *	147 *	238 *	160 *	218 *	139 *	91 *	65 *	57 *	52 *	53 *	58 *
8	91 *	150 *		153 *	217 *	129 *	87 *	64 *	57 *		53 *	57 *
9	88 *	144 *		341 *	196 *	123 *	83 *	63 *	58 *			57 *
10	95 *	150 *		451 *	176 *	119 *	80 *	63 *	57 *	52 *	54 *	57 *
11	134 *	131 *	160 *	444 *		112 *	77 *	63 *	57 *	52 *	54 *	55 *
12	136 *	119 *	147 *		160 *	108 *	76 *	64 *	57 *	52 *	54 *	54 *
13	127 *	204 *		411 *		104 *	75 *	62 *	57 *	52 *	49 *	64 *
14	114 *	323 *	175 *	435 *	207 *		74 *	62 *	57 *	53 *	47 *	
15	109 *	297 *	250 *		225 *		74 *	61 *	56 *	52 *	49 *	65 *
16	114 *	310 *	270 *	450 *	310 *	98 *	74 *	63 *	57 *	52 *	52 *	64 *
17	144 *		333 *		342 *	95 *	71 *	63 *	56 *	57 *	52 *	65 *
18	204 *		353 *		261 *	94 *	72 *	64 *	55 *	76 *	52 *	64 *
19	275 *		341 *		220 *	90 *	70 *	62 *	56 *	77 *	52 *	64 *
20	272 *	215 *	334 *		182 *	89 *	71 *	60 *	56 *	74 *	52 *	64 *
21	316 *	223 *	329 *		169 *	84 *	70 *	61 *		66 *	48 *	
22	286 *	238 *	291 *		164 *	90 *	70 *	61 *	55 *	65 *	47 *	71 *
23	231 *		245 *		161 *	89 *	69 *	60 *	56 *	60 *	51 *	74 *
24	190 *	212 *	231 *			89 *	68 *	60 *	55 *	59 *	52 *	76 *
25	160 *	185 *	277 *	237 *	154 *	87 *	67 *	58 *	54 *	59 *	52 *	78 *
26	186 *	204 *	323 *	297 *		88 *	68 *	60 *	54 *	58 *	51 *	138 *
27	199 *	378 *	361 *	314 *	133 *	86 *	67 *	61 *	54 *	58 *	50 *	156 *
28	220 *	392 *	367 *	335 *	133 *	84 *	67 *	62 *	55 *	59 *	49 *	157 *
29	226 *		321 *	341 *	121 *	85 *	68 *	59 *	54 *	56 *	54 *	149 *
30	200 *		248 *	289 *	116 *	84 *	68 *	58 *	53 *	56 *	59 *	140 *
31	196 *		206 *		112 *		65 *	59 *		55 *		120 *
Nivel Max.	324 *							66 *				
Día	20							6				
Hora	18							7				
Nivel Mín.	88 *							57 *				
Día	9							25				
Hora	18							18				
Nivel Medio	167	215	287		192	110	74	62	56	57	52	81

NOTA: * DATOS LIMNIMETRICOS

2003

H353	MACUL EN HDA.BRASILIA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	99 *	126 *	415 *	252 *	206 *	192 *	97 *					
2	108 *	113 *	407 *	189 *	197 *	190 *	95 *					
3	110 *	137 *	420 *	188 *	192 *	174 *	117 *					
4	101 *	141 *	427 *	187 *	215 *	166 *	113 *					
5	103 *	145 *	407 *	153 *	229 *	160 *	109 *					
6	106 *	148 *	361 *	201 *	231 *	154 *	105 *					
7	105 *	146 *	341 *	175 *	218 *	148 *	101 *					
8	108 *	153 *	329 *	187 *	203 *	143 *	99 *					
9	108 *	158 *	270 *	225 *	248 *	139 *	96 *					
10	112 *	158 *	242 *	463 *	233 *	133 *	94 *					
11	115 *	146 *	219 *	474 *	191 *	124 *	93 *					
12	116 *	156 *	253 *	520 *	222 *	123 *	91 *					
13	118 *	163 *	216 *	538 *	283 *	121 *	96 *					
14	118 *	168 *	223 *	525 *	309 *	117 *	91 *					
15	120 *	177 *	223 *	533 *	328 *	115 *	88 *					
16	120 *	178 *	248 *	553 *	316 *	114 *	85 *					
17	126 *	185 *	377 *	535 *	300 *	112 *	87 *					
18	128 *	191 *	405 *	521 *	241 *	109 *	87 *					
19	129 *	197 *	412 *	508 *	214 *	109 *	86 *					
20	134 *	199 *	406 *	442 *	193 *	109 *	88 *					
21	136 *	219 *	380 *	404 *	185 *	109 *	86 *					
22	149 *	227 *	355 *	355 *	181 *	108 *	84 *					
23	156 *	236 *	337 *	299 *	177 *	109 *	83 *					
24	163 *	242 *	304 *	258 *	170 *	108 *	84 *					
25	174 *	250 *	283 *	270 *	162 *	108 *	82 *					
26	185 *	262 *	297 *	338 *	156 *	109 *	81 *					
27	188 *	272 *	331 *	350 *	142 *	107 *	79 *					
28	190 *	292 *	345 *	337 *	121 *	103 *	76 *					
29	196 *		366 *	328 *	110 *	101 *	73 *					
30	200 *		355 *	275 *	110 *	99 *	72 *					
31	246 *		310 *		130 *		71 *					
Nivel Max.	286 *	296 *	428 *	558 *	330 *	194 *	118 *					
Día	31	28	1	16	15	1	3					
Hora	17	17	1	7	17	17	17					
Nivel Mín.	99 *	112 *	208 *	127 *	110 *	98 *	70 *					
Día	1	2	12	5	vv	30	31					
Hora	7	7	7	7		17	7					
Nivel Medio	137	185	331	353	207	127	90					

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H354 DAULE EN LA LINDA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	334 *	331 *	331 *	227 *	225 *	226 *	221 *	222 *	221 *	119 *	119 *	222 *
2	332 *	330 *	336 *	227 *	225 *	225 *	223 *	223 *	221 *	119 *	119 *	224 *
3	442 *	337 *	333 *	226 *	226 *	224 *	223 *	222 *	119 *	118 *	119 *	221 *
4	338 *	337 *	332 *	225 *	227 *	223 *	222 *	221 *	119 *	117 *	119 *	223 *
5	334 *	470 *	331 *	225 *	226 *	223 *	222 *	221 *	118 *	117 *	119 *	223 *
6	229 *	446 *	330 *	228 *	226 *	224 *	222 *	221 *	118 *	117 *	222 *	223 *
7	228 *	555 *	331 *	229 *	226 *	223 *	222 *	221 *	118 *	117 *	221 *	222 *
8	229 *	554 *	331 *	227 *	225 *	223 *	221 *	221 *	119 *	117 *	221 *	221 *
9	228 *	556 *	332 *	227 *	226 *	223 *	224 *	221 *	119 *	117 *	170 *	
10	225 *	0 *	333 *	228 *	226 *	222 *	222 *	221 *	118 *	117 *	119 *	
11	332 *	558 *	332 *	229 *	225 *	223 *	223 *	221 *	118 *	117 *	118 *	
12	280 *	665 *	331 *	229 *	226 *	223 *	222 *	221 *	118 *	116 *	170 *	
13	278 *	777 *	331 *	227 *	228 *	223 *	222 *	221 *	118 *	117 *	224 *	
14	334 *	779 *	335 *	227 *	228 *	223 *	222 *	170 *	118 *	117 *	332 *	
15	333 *	776 *	333 *	227 *	227 *	222 *	222 *	119 *	117 *	117 *	229 *	
16	391 *	775 *	332 *	228 *	227 *	223 *	222 *	221 *	117 *	117 *	226 *	
17	442 *	669 *	331 *	227 *	226 *	222 *	222 *	119 *	117 *	117 *	223 *	
18	448 *	611 *	280 *	227 *	226 *	222 *	222 *	119 *	117 *	117 *	277 *	
19	501 *	555 *	280 *	226 *	225 *	222 *	222 *	221 *	117 *	117 *	331 *	
20	554 *	552 *	330 *	226 *	223 *	222 *	222 *	221 *	117 *	118 *	229 *	
21	554 *	551 *		226 *	224 *	221 *	221 *	221 *	117 *	119 *	229 *	
22	447 *	447 *	330 *	226 *	224 *	221 *	221 *	119 *	117 *	119 *	226 *	
23	387 *	443 *	228 *	226 *	224 *	221 *	221 *	119 *	119 *	119 *	226 *	
24	332 *	390 *	227 *	226 *	226 *	222 *	221 *	170 *	119 *	118 *	225 *	
25	332 *	337 *	227 *	226 *	225 *	223 *	221 *	119 *	118 *	118 *	223 *	
26	332 *	336 *	227 *	225 *	225 *	223 *	221 *	119 *	118 *	118 *	223 *	
27	281 *	337 *	226 *	225 *	223 *	223 *	221 *	119 *	118 *	117 *	224 *	
28	339 *	391 *	226 *	226 *	224 *	222 *	221 *	0 *	117 *	117 *	224 *	
29	335 *		226 *	226 *	224 *	222 *	221 *	222 *	117 *	117 *	222 *	
30	333 *		225 *	226 *	225 *	221 *	221 *	222 *	119 *	117 *	221 *	
31	332 *		225 *				221 *	221 *		117 *		
Nivel Max.	555 *	779 *		229 *		226 *	224 *	223 *	221 *	119 *	332 *	
Día	20	13		vv		1	9	2	vv	vv	14	
Hora	7	18				7	7	7			7	
Nivel Mín.	223 *	330 *		225 *		221 *	220 *	119 *	117 *	116 *	118 *	
Día	10	2		vv		vv	4	vv	vv	10	1	
Hora	18	7					18			7	7	
Nivel Medio	349	495	297	227	225	222	222	184	125	117	205	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H359 PAJAN EN AGUA FRIA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	78 *	93 *	105 *	94 *	97 *	89 *	77 *	65 *	66 *	66 *	61 *	58 *
2	78 *	93 *	106 *	93 *	97 *	89 *	77 *	64 *	66 *	65 *	61 *	58 *
3	75 *	94 *	107 *	92 *	96 *	89 *	76 *	64 *	66 *	65 *	59 *	58 *
4	75 *	94 *	119 *	91 *	95 *	89 *	76 *	63 *	66 *	65 *	59 *	58 *
5	74 *	94 *	117 *	90 *	94 *	88 *	76 *	63 *	66 *	65 *	59 *	58 *
6	74 *	95 *	116 *	89 *	93 *	87 *	76 *	63 *	66 *	65 *	59 *	58 *
7	74 *	95 *	121 *	88 *	92 *	87 *	76 *	62 *	66 *	65 *	59 *	58 *
8	74 *	95 *	122 *	87 *	91 *	87 *	76 *	62 *	66 *	65 *	59 *	58 *
9	74 *	96 *	123 *	86 *	89 *	87 *	76 *	62 *	66 *	65 *	59 *	58 *
10	75 *	97 *	124 *	85 *	89 *	86 *	76 *	62 *	66 *	65 *	59 *	58 *
11	75 *	98 *	125 *	81 *	88 *	86 *	76 *	62 *	66 *	64 *	59 *	58 *
12	75 *	98 *	126 *	76 *	87 *	85 *	75 *	62 *	66 *	64 *	59 *	58 *
13	86 *	98 *	127 *	121 *	94 *	85 *	75 *	62 *	66 *	64 *	59 *	58 *
14	86 *	98 *	102 *	119 *	112 *	85 *	75 *	62 *	66 *	64 *	59 *	58 *
15	87 *	89 *	102 *	119 *	116 *	85 *	75 *	51 *	66 *	64 *	59 *	58 *
16	87 *	88 *	102 *	118 *	117 *	85 *	74 *	61 *	66 *	64 *	59 *	58 *
17	88 *	87 *	101 *	118 *	118 *	84 *	74 *	66 *	66 *	63 *	59 *	68 *
18	88 *	87 *	101 *	118 *	119 *	84 *	74 *	66 *	66 *	63 *	59 *	68 *
19	87 *	87 *	101 *	117 *	120 *	84 *	73 *	66 *	66 *	63 *	59 *	
20	89 *	85 *	101 *	117 *	122 *	83 *	73 *	66 *	66 *	63 *	59 *	67 *
21	89 *	102 *	100 *	105 *	122 *	83 *	72 *	66 *	66 *	62 *	59 *	67 *
22	89 *	102 *	101 *	105 *	122 *	83 *	72 *	66 *	66 *	62 *	59 *	67 *
23	89 *	103 *	100 *	104 *	111 *	82 *	71 *	66 *	66 *	62 *	59 *	67 *
24	89 *	101 *	100 *	104 *	92 *	82 *	71 *	66 *	66 *	61 *	59 *	67 *
25	89 *	102 *	99 *	103 *	93 *	82 *	70 *	66 *	66 *	61 *	59 *	67 *
26	89 *	102 *	99 *	102 *	94 *	81 *	69 *	66 *	66 *	61 *	59 *	64 *
27	89 *	103 *	99 *	101 *	95 *	80 *	69 *	66 *	66 *	61 *	59 *	64 *
28	91 *	104 *	93 *	101 *		79 *	68 *	66 *	66 *	61 *	59 *	63 *
29	92 *		97 *	99 *	96 *	78 *		66 *	66 *	61 *	58 *	63 *
30	92 *		96 *	98 *	92 *	78 *		66 *	66 *	61 *	58 *	63 *
31	93 *		95 *		89 *			66 *		61 *		
Nivel Max.	93 *	104 *	127 *	121 *		89 *		66 *	66 *	66 *	61 *	
Día	31	28	13	13		vv		vv	vv	1	vv	
Hora	7	7	7	7						18		
Nivel Mín.	74 *	85 *	88 *	76 *		78 *		51 *	65 *	61 *	58 *	
Día	vv	20	28			vv		15	30	vv	vv	
Hora		18	7	18				7	18			
Nivel Medio	84	96	107	101	101	84	74	64	66	63	59	61

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H363	DAULE EN BALZAR											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	321 *	412 *	565 *	184 *	162 *	144 *	148 *	136 *	132 *	132 *	124 *	171 *
2	290 *	404 *	457 *	160 *	148 *	144 *	148 *	135 *	130 *	127 *	133 *	251 *
3	293 *	410 *	444 *	186 *	152 *	145 *	147 *	133 *	130 *	133 *	133 *	253 *
4	288 *	404 *	417 *	186 *	156 *	150 *	148 *	136 *	130 *	131 *	145 *	261 *
5	297 *	401 *	355 *	186 *	154 *	148 *	146 *	132 *	134 *	131 *	231 *	259 *
6	279 *	396 *	349 *	169 *	174 *	153 *	146 *	132 *	133 *	129 *	268 *	252 *
7	281 *	402 *	354 *	169 *	163 *	151 *	155 *	140 *	130 *	128 *	260 *	167 *
8	287 *	430 *	361 *	161 *	165 *	154 *	148 *	144 *	137 *	133 *	246 *	165 *
9	297 *	466 *	355 *	182 *	159 *	152 *	144 *	136 *	133 *	130 *	157 *	236 *
10	323 *	581 *	375 *	227 *	154 *	144 *	137 *	132 *	131 *	134 *	134 *	250 *
11	324 *	523 *	371 *	295 *	183 *	144 *	137 *	125 *	130 *	135 *	245 *	233 *
12	347 *	518 *	354 *	253 *	182 *	145 *	136 *	130 *	127 *	135 *	257 *	239 *
13	315 *	540 *	374 *	271 *	179 *	148 *	138 *	133 *	128 *	133 *	258 *	222 *
14	339 *	743 *	435 *	281 *	202 *	146 *	137 *	128 *	133 *	132 *	259 *	165 *
15	328 *	725 *	433 *	293 *	195 *	147 *	141 *	131 *	131 *	131 *	254 *	148 *
16	338 *	538 *	454 *	264 *	220 *	145 *	144 *	134 *	131 *	137 *	157 *	207 *
17	402 *	529 *	427 *	245 *	207 *	144 *	145 *	131 *	135 *	161 *	134 *	220 *
18	408 *	467 *	418 *	221 *	202 *	144 *	143 *	134 *	130 *	135 *	243 *	209 *
19	424 *	509 *	390 *	195 *	189 *	146 *	145 *	134 *	127 *	136 *	260 *	230 *
20	454 *	431 *	358 *	198 *	180 *	144 *	136 *	124 *	126 *	141 *	256 *	236 *
21	440 *	426 *	315 *	198 *	172 *	144 *	137 *	134 *	124 *	146 *	254 *	207 *
22	422 *	421 *	279 *	201 *	168 *	143 *	140 *	129 *	131 *	144 *	259 *	150 *
23	410 *	409 *	236 *	191 *	147 *	147 *	137 *	128 *	133 *	145 *	171 *	239 *
24	398 *	402 *	217 *	173 *	155 *	147 *	133 *	131 *	130 *	143 *	164 *	265 *
25	380 *	400 *	230 *	182 *	152 *	147 *	136 *	134 *	131 *	136 *	251 *	225 *
26	387 *	418 *	246 *	221 *	141 *	148 *	134 *	136 *	130 *	136 *	262 *	198 *
27	411 *	610 *	248 *	214 *	164 *	147 *	138 *	134 *	129 *	135 *	260 *	193 *
28	431 *	652 *	257 *	203 *		147 *	137 *	136 *	125 *	139 *	259 *	194 *
29	430 *		239 *	198 *		152 *	135 *	133 *	130 *	138 *	253 *	187 *
30	418 *		177 *	191 *		148 *	136 *	135 *	130 *	137 *	181 *	233 *
31	423 *		178 *				136 *	137 *		134 *		246 *
Nivel Max.	461 *	749 *	585 *	307 *		155 *	156 *	145 *	138 *	167 *	297 *	297 *
Día	20	15	1	15		8	7	7	8	17	29	6
Hora	7	7	7	7		7	7	18	7	7	7	7
Nivel Min.	251 *	388 *	169 *	156 *		141 *	131 *	121 *	121 *	121 *	121 *	141 *
Día	6	6	30	2		22	10	23	28	2	17	15
Hora	18	18	18	18		7	18	7	7	7	7	18
Nivel Medio	361	484	344	210	171	147	141	133	130	136	215	216

NOTA: * DATOS LIMNIMETRICOS

2003

H365	DAULE EN LA CAPILLA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	379 *	471 *	656 *	340 *	315 *		276 *	265 *	264 *	256 *	257 *	294 *
2	389 *	471 *	575 *	332 *	308 *		275 *	267 *	263 *	256 *	252 *	295 *
3	375 *	471 *	530 *	329 *	304 *		274 *	268 *	253 *	255 *	254 *	328 *
4	376 *	468 *	531 *	327 *	304 *		275 *	265 *	257 *	255 *	254 *	338 *
5	378 *	463 *	499 *	325 *	301 *		276 *	263 *	256 *	258 *	265 *	337 *
6	374 *	457 *	484 *	324 *	298 *		276 *	262 *	259 *	256 *	319 *	344 *
7	369 *	454 *	476 *	319 *	303 *		274 *	261 *	262 *	255 *	341 *	328 *
8	371 *	476 *	497 *	313 *	251 *		275 *	266 *	254 *	255 *	346 *	287 *
9	366 *	495 *	512 *	312 *	304 *		273 *	268 *	256 *	255 *	329 *	288 *
10	382 *	529 *	527 *	330 *	303 *		270 *	266 *	256 *	259 *	277 *	323 *
11	396 *	573 *	492 *	370 *	251 *		268 *	264 *	256 *	259 *	266 *	331 *
12	349 *	571 *	496 *	383 *	355 *		268 *	264 *	256 *	263 *	320 *	320 *
13	396 *	575 *	464 *	443 *	331 *		269 *	264 *	255 *	259 *	337 *	319 *
14	397 *	625 *	490 *	418 *	319 *		272 *	264 *	263 *	256 *	338 *	312 *
15	349 *	709 *	562 *	411 *	335 *		271 *	265 *	257 *	255 *	338 *	277 *
16	402 *	654 *	542 *	407 *	336 *		268 *	265 *	257 *	254 *	328 *	279 *
17	413 *	595 *	528 *	388 *	335 *		268 *	265 *	255 *	255 *	273 *	308 *
18	443 *	546 *	512 *	370 *	336 *		269 *	264 *	254 *	257 *	271 *	315 *
19	451 *	515 *	524 *	348 *	339 *		266 *	261 *	254 *	259 *	322 *	315 *
20	481 *	501 *	494 *	344 *	329 *		270 *	260 *	254 *	258 *	336 *	317 *
21	498 *	485 *	458 *	335 *	316 *		267 *	257 *	258 *	257 *	337 *	316 *
22	481 *	488 *	432 *	325 *	308 *		266 *	258 *	258 *	257 *	339 *	296 *
23	465 *	485 *	406 *	321 *	301 *		265 *	262 *	255 *	256 *	329 *	337 *
24	457 *	474 *	380 *	321 *	294 *		264 *	263 *	254 *	256 *	291 *	349 *
25	447 *	466 *	368 *	316 *	297 *		263 *	262 *	254 *	259 *	293 *	334 *
26	436 *	470 *	369 *	329 *	296 *		263 *	259 *	255 *	263 *	330 *	325 *
27	436 *	598 *	373 *	337 *	294 *		266 *	257 *	256 *	265 *	341 *	300 *
28	458 *	731 *	370 *	334 *	292 *		265 *	263 *	261 *	258 *	342 *	306 *
29	476 *		366 *	329 *	287 *		257 *	263 *	259 *	257 *	344 *	307 *
30	463 *		356 *	321 *	286 *		263 *	264 *	258 *	257 *	332 *	309 *
31	466 *		340 *		288 *		263 *	265 *		257 *		328 *
Nivel Max.	499 *	738 *	676 *	481 *	357 *		276 *	269 *	265 *	265 *	346 *	379 *
Día	21	28	1	13	12		vv	9	1	27	8	23
Hora	6	6	6	6	6			6	6	6	17	6
Nivel Min.	300 *	453 *	335 *	311 *	200 *		250 *	256 *	250 *	253 *	247 *	267 *
Día	12	7	31	8	11		29	20	15	16	2	15
Hora	6	17	17	17	17		17	17	17	6	17	17
Nivel Medio	416	529	471	346	307		269	263	257	257	310	315

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H375 CHANCHAN DJ HUATAXI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	61 *	36 *	33 *	22 *	27 *	26 *	33 *	47 *			72 *	23 *
2	56 *	35 *	31 *	22 *	27 *	26 *	37 *	49 *			70 *	20 *
3	55 *	32 *	31 *	22 *	25 *	26 *	38 *	49 *			70 *	20 *
4	55 *	30 *	30 *	21 *	24 *	25 *	38 *	49 *			62 *	20 *
5	41 *	28 *	30 *	20 *	24 *	24 *	38 *	55 *			62 *	18 *
6	51 *	28 *	29 *	20 *	24 *	28 *	38 *	56 *			61 *	18 *
7	50 *	28 *	28 *	23 *	24 *	29 *	38 *	56 *			53 *	17 *
8	49 *	26 *	28 *	28 *	23 *	27 *	38 *	54 *			52 *	17 *
9	47 *	26 *	28 *	28 *	22 *	28 *	38 *	53 *			52 *	15 *
10	46 *	26 *	28 *	28 *	22 *	28 *	42 *	48 *			46 *	12 *
11	24 *	26 *	24 *	29 *	22 *	27 *	44 *	55 *			36 *	12 *
12	22 *	32 *	26 *	31 *	22 *	26 *	47 *	56 *			28 *	14 *
13	22 *	38 *	25 *	32 *	23 *	26 *	49 *	57 *			22 *	13 *
14	22 *	38 *	24 *	33 *	23 *		51 *	58 *			22 *	16 *
15	22 *	47 *	26 *	34 *	23 *		52 *	58 *			22 *	18 *
16	23 *	54 *	28 *	34 *	24 *	25 *	53 *	56 *			22 *	18 *
17	24 *	40 *	35 *	35 *	22 *	29 *	49 *	53 *			26 *	20 *
18	25 *	26 *	42 *	36 *	23 *	30 *	49 *	53 *			37 *	21 *
19	51 *	24 *	33 *	37 *	23 *	29 *	49 *	53 *			46 *	24 *
20	47 *	24 *	28 *	41 *	23 *	30 *	49 *	55 *			46 *	23 *
21	36 *	22 *	26 *	40 *	24 *	30 *	49 *	55 *		92 *	42 *	24 *
22	29 *	22 *	25 *	42 *	24 *	30 *	49 *	55 *		85 *	36 *	26 *
23	27 *	22 *	24 *	44 *	24 *	31 *	50 *	55 *		84 *	28 *	25 *
24	26 *	22 *	24 *	49 *	24 *	31 *	50 *	54 *		85 *	28 *	26 *
25	27 *	22 *	24 *	48 *	22 *	32 *	51 *	56 *		85 *	26 *	31 *
26	29 *	26 *	24 *	46 *	22 *	33 *	50 *	56 *		87 *	23 *	32 *
27	31 *	35 *	24 *	44 *	25 *	33 *	48 *	57 *		84 *	25 *	34 *
28	34 *	34 *	23 *	43 *	28 *	33 *	47 *	56 *		82 *	27 *	33 *
29	42 *		22 *	41 *	27 *	33 *	47 *	56 *		80 *	30 *	37 *
30	38 *		22 *	34 *	28 *	33 *	46 *	54 *		78 *	26 *	30 *
31	40 *		22 *		25 *		45 *					25 *
Nivel Max.	76 *	58 *	48 *	50 *	28 *		54 *				72 *	38 *
Día	19	16	18	24	vv		15				1	29
Hora	17	17	17	7			7				7	17
Nivel Mín.	22 *	22 *	20 *	20 *	22 *		32 *				22 *	12 *
Día	vv	vv	11	vv	vv		1				vv	vv
Hora			17				17					
Nivel Medio	37	30	27	34	24	29	45	54			40	22

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H385 ANGAS AJ CHANCHAN												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	39 *	46 *	57 *	44 *	54 *	32 *	19 *	3 *	1 *	1 *	1 *	5 *
2	34 *	56 *	55 *	43 *	55 *	30 *	18 *	4 *	1 *	1 *	4 *	4 *
3	31 *	54 *	51 *	43 *	52 *	25 *	16 *	4 *	1 *	1 *	3 *	3 *
4	30 *	44 *	49 *	41 *	52 *	23 *	13 *	4 *	1 *	1 *	3 *	3 *
5	30 *	40 *	47 *	40 *	56 *	23 *	13 *	3 *	1 *	1 *	2 *	2 *
6	30 *	41 *	51 *	39 *	56 *	31 *	13 *	2 *	1 *	1 *	2 *	2 *
7	30 *	46 *	55 *	38 *	57 *	27 *	12 *	2 *	1 *	5 *	1 *	2 *
8	29 *	45 *	55 *	42 *	56 *	26 *	14 *	3 *	1 *	3 *	4 *	2 *
9	29 *	44 *	52 *	45 *	53 *	23 *	15 *	4 *	0 *	3 *	3 *	2 *
10	28 *	43 *	50 *	53 *	52 *	23 *	15 *	4 *	0 *	3 *	3 *	1 *
11	27 *	43 *	50 *	60 *	56 *	22 *	15 *	3 *	0 *	2 *	2 *	1 *
12	27 *	46 *	49 *	60 *	56 *	22 *	14 *	2 *	0 *	2 *	2 *	1 *
13	27 *	49 *	49 *	58 *	53 *	21 *	12 *	2 *	0 *	2 *	2 *	3 *
14	27 *	49 *	53 *	56 *	52 *	21 *	12 *	2 *	0 *	2 *	2 *	5 *
15	30 *	49 *	52 *	55 *	51 *	22 *	11 *	2 *	0 *	2 *	1 *	4 *
16	30 *	49 *	53 *	54 *	48 *	23 *	11 *	2 *	0 *	2 *	1 *	4 *
17	31 *	58 *	52 *	60 *	44 *	23 *	10 *	2 *	0 *	1 *	1 *	3 *
18	31 *	52 *	58 *	65 *	44 *	23 *	9 *	2 *	0 *	1 *	1 *	2 *
19	31 *	47 *	57 *	63 *	43 *	23 *	8 *	2 *	0 *	1 *	2 *	2 *
20	45 *	47 *	55 *	62 *	42 *	23 *	8 *	2 *	0 *	1 *	2 *	2 *
21	42 *	44 *	52 *	60 *	39 *	35 *	8 *	2 *	3 *	1 *	2 *	5 *
22	39 *	43 *	50 *	70 *	36 *	39 *	8 *	2 *	3 *	1 *	2 *	5 *
23	36 *	38 *	48 *	78 *	35 *	30 *	7 *	2 *	3 *	1 *	1 *	5 *
24	34 *	38 *	47 *	73 *	34 *	28 *	5 *	2 *	2 *	1 *	1 *	3 *
25	34 *	38 *	47 *	64 *	34 *	26 *	4 *	2 *	2 *	1 *	1 *	5 *
26	34 *	38 *	50 *	59 *	33 *	25 *	4 *	2 *	2 *	1 *	2 *	2 *
27	36 *	57 *	50 *	56 *	39 *	23 *	4 *	2 *	2 *	1 *	2 *	2 *
28	36 *	57 *	48 *	52 *	40 *	22 *	4 *	2 *	1 *	1 *	2 *	2 *
29	34 *		46 *	54 *	37 *	22 *	3 *	2 *	1 *	1 *	2 *	2 *
30	34 *		45 *	54 *	35 *	21 *	2 *	2 *	1 *	1 *	2 *	1 *
31	34 *		44 *		33 *		2 *	2 *		1 *		8 *
Nivel Max.	45 *	62 *	58 *	80 *	59 *	47 *	20 *	4 *	3 *	5 *	4 *	22 *
Día	20	2	18	23	6	21	1	vv	vv	7	vv	26
Hora	6	18	6	6	6	18	6			6		18
Nivel Mín.	27 *	38 *	44 *	38 *	32 *	21 *	2 *	1 *	0 *	1 *	1 *	1 *
Día	vv	vv	30	7	31	vv	vv	31	vv	vv	vv	vv
Hora			18	6	6			18				
Nivel Medio	33	46	51	55	46	25	10	2	1	1	2	3

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H390	CHIMBO AJ MILAGRO INAMHI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	21 *	89 *	168 *	99 *	137 *	73	39	13 *	24 *	22 *	53 *	30 *
2	21 *	150 *	138 *	89 *	132 *	68	38	16 *	22 *	22 *	53 *	29 *
3	22 *	157 *	139 *	84 *	127 *	61	37	13 *	22 *	23 *	53 *	30 *
4	22 *	119 *	130 *	82 *	121 *	59	36	22 *	25 *	24 *	52 *	30 *
5	18 *	98 *	118 *	73 *	147 *	57	38	25 *	23 *	20 *	52 *	31 *
6	11 *	90 *	116 *	73 *	142 *	55	38	23 *	23 *	52 *	54 *	31 *
7	1 *	82 *	107 *	65 *	136 *	60	37	22 *	23 *	52 *	54 *	32 *
8	12 *	75 *	92 *	65 *	127 *	67	36	20 *	22 *	52 *	55 *	29 *
9	6 *	71 *	83 *	68 *	113 *	61	36	23 *	23 *	52 *	54 *	30 *
10	12 *	87 *	88 *	110 *	120 *	53	36	24 *	22 *	52 *	55 *	28 *
11	13 *	101 *	102 *	104 *	116 *	50	37	24 *	22 *	52 *	54 *	29 *
12	12 *	118 *	108 *	154 *	116 *	47	37	21 *	20 *	52 *	56 *	29 *
13	11 *	93 *	95 *	150 *	121 *	48	37	24 *	24 *	52 *	58 *	31 *
14	12 *	94 *	176 *	178 *	124 *	51	35	21 *	23 *	52 *	30 *	29 *
15	12 *	86 *	169 *	254 *	115 *	53	37	25 *	22 *	52 *	37 *	28 *
16	28 *	77 *	208 *	208 *	116 *	51	37	24 *	22 *	52 *	29 *	30 *
17	47 *	133 *	203 *	195 *	110 *	46	35	21 *	21 *	52 *	33 *	29 *
18	67 *	144 *	163 *	189 *	112 *	43	36	22 *	23 *	52 *	29 *	30 *
19	63 *	127 *	160 *	172 *	114 *	43	34	20 *	22 *	52 *	29 *	29 *
20	88 *	105 *	145 *	162 *	107 *	39	35	22 *	24 *	52 *	19 *	30 *
21	88 *	94 *	116 *	160 *	95 *	38	34	25 *	23 *	52 *	26 *	29 *
22	62 *	86 *	129 *	156 *	92 *	44	5 *	23 *	22 *	52 *	27 *	28 *
23	61 *	85 *	115 *	114 *	88 *	45	6 *	22 *	20 *	52 *	28 *	29 *
24	71 *	75 *	118 *	197 *	91 *	39	0 *	20 *	22 *	52 *	30 *	29 *
25	61 *	76 *	111 *	188 *	88 *	38	8 *	22 *	24 *	52 *	29 *	30 *
26	70 *	99 *	174 *	172 *	86 *	38	9 *	22 *	21 *	52 *	28 *	35 *
27	61 *	113 *	132 *	166 *	80 *	38	15 *	25 *	22 *	52 *	29 *	47 *
28	63 *	138 *	113 *	156 *	74 *	38	13 *	23 *	24 *	52 *	30 *	48 *
29	48 *		117 *	157 *	69 *	38	10 *	21 *	23 *	52 *	34 *	53 *
30	48 *		103 *	149 *		38	15 *	24 *	21 *	52 *	35 *	64 *
31	61 *		109 *		68		22 *	23 *		52 *		83 *
Nivel Max.	90 *	189 *	261 *	299 *	149 *	76	39	25 *	25 *	52 *	59 *	85 *
Día	21	2	15	15	5	1	1	vv	1	vv	13	31
Hora	7	18	18	18	7	21	12		7		7	7
Nivel Min.	0 *	69 *	82 *	59 *	64 *	38	0 *	10 *	20 *	20 *	18 *	27 *
Día	9	1	9	9	29	vv	17	1	vv	2	20	10
Hora	7	7	7	7	18		18	18		18	18	18
Nivel Medio	38	102	130	139	108	49	28	22	22	47	40	34

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H394	EMBARCADERO EN H.CLEM(POT-STA.ROSA)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	125 *	289 *	310 *	256 *	249 *	176 *	142 *	124 *	96 *	94 *	96 *	93 *
2	118 *	340 *	309 *	255 *	239 *	175 *	148 *	124 *	96 *	94 *	96 *	90 *
3	130 *	301 *	297 *	242 *	234 *	172 *	143 *	124 *	96 *	94 *	96 *	86 *
4	128 *	294 *	288 *	244 *	236 *	187 *	141 *	124 *	96 *	94 *	95 *	88 *
5	120 *	279 *	273 *	239 *	241 *	173 *	140 *	116 *	96 *	94 *	94 *	88 *
6	127 *	275 *	273 *	234 *	233 *	171 *	140 *	116 *	96 *	94 *	94 *	88 *
7	123 *	281 *	281 *	231 *	227 *	169 *	140 *	116 *	96 *	94 *	94 *	88 *
8	134 *	303 *	281 *	229 *	224 *	168 *	140 *	108 *	88 *	96 *	94 *	88 *
9	135 *	285 *	275 *	312 *	221 *	168 *	140 *	108 *	86 *	96 *	94 *	88 *
10	147 *	258 *	274 *	355 *	221 *	157 *	139 *	108 *	86 *	96 *	94 *	88 *
11	153 *	279 *	269 *	303 *	219 *	156 *	138 *	108 *	86 *	96 *	94 *	87 *
12	175 *	276 *	266 *	323 *	221 *	151 *	138 *	106 *	86 *	96 *	94 *	85 *
13	174 *	264 *	263 *	305 *	216 *	144 *	138 *	106 *	86 *	94 *	94 *	84 *
14	171 *	298 *	306 *	301 *	224 *	144 *	136 *	104 *	82 *	92 *	92 *	88 *
15	163 *	275 *	297 *	333 *	219 *	142 *	136 *	104 *	82 *	92 *	90 *	88 *
16	173 *	270 *	312 *	325 *	212 *	139 *	136 *	104 *	80 *	92 *	90 *	84 *
17	213 *	271 *	291 *	338 *	209 *	141 *	135 *	104 *	80 *	175 *	90 *	83 *
18	189 *	414 *	358 *	308 *	208 *	140 *	134 *	104 *	80 *	112 *	86 *	82 *
19	284 *	331 *	276 *	313 *	210 *	142 *	134 *	103 *	80 *	102 *	86 *	82 *
20	241 *	274 *	331 *	305 *	205 *	142 *	134 *	102 *	80 *	96 *	82 *	82 *
21	221 *	310 *	292 *	296 *	203 *	144 *	134 *	102 *	80 *	96 *	82 *	83 *
22	201 *	289 *	302 *	285 *	201 *	144 *	134 *	102 *	80 *	94 *	82 *	84 *
23	342 *	287 *	286 *	285 *	200 *	142 *	134 *	102 *	80 *	93 *	95 *	84 *
24	277 *	304 *	368 *	279 *	199 *	142 *	128 *	102 *	80 *	92 *	95 *	84 *
25	307 *	288 *	325 *	278 *	197 *	142 *	128 *	102 *	80 *	95 *	90 *	84 *
26	263 *	389 *	318 *	268 *	197 *	142 *	128 *	102 *	91 *	94 *	86 *	92 *
27	248 *	426 *	291 *	277 *	196 *	142 *	126 *	102 *	94 *	94 *	86 *	105 *
28	223 *	348 *	283 *	259 *	193 *	142 *	126 *	100 *	94 *	95 *	86 *	123 *
29	243 *		272 *	259 *	192 *	142 *	126 *	100 *	94 *	96 *	86 *	105 *
30	218 *		265 *	250 *	177 *	142 *	126 *	100 *	94 *	96 *	103 *	100 *
31	264 *		264 *		176 *		126 *	100 *		96 *		106 *
Nivel Max.	388 *	486 *	430 *	400 *	254 *	196 *	152 *	124 *	96 *	180 *	106 *	134 *
Día	23	27	24	10	1	4	2	vv	vv	17	30	28
Hora	7	7	7	7	7	7	7			7	7	7
Nivel Min.	116 *	220 *	226 *	228 *	176 *	138 *	126 *	100 *	80 *	92 *	82 *	82 *
Día	2	20	14	8	31	16	vv	vv	vv	vv	vv	vv
Hora	18	18	18	18	18	18						
Nivel Medio	195	304	293	283	213	153	135	107	87	98	91	90

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H400	PEDRO CARBO EN PEDRO CARBO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	21 *	21 *	45 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
2	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
3	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
4	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
5	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
6	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
7	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
8	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
9	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
10	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
11	21 *	21 *	30 *	10 *	20 *	Seco	Seco	Seco		Seco	Seco	
12	21 *	21 *	30 *	110 *	20 *	Seco	Seco	Seco		Seco	Seco	
13	21 *	21 *	30 *	130 *	20 *	Seco	Seco	Seco		Seco	Seco	
14	21 *	21 *	30 *	50 *	20 *	Seco	Seco	Seco		Seco	Seco	
15	21 *	21 *	30 *	50 *	20 *	Seco	Seco	Seco		Seco	Seco	
16	21 *	21 *	30 *	50 *	20 *	Seco	Seco	Seco		Seco	Seco	
17	21 *	21 *	30 *	50 *	10 *	Seco	Seco	Seco		Seco	Seco	
18	21 *	21 *	30 *	40 *	10 *	Seco	Seco	Seco		Seco	Seco	
19	21 *	21 *	30 *	40 *	10 *	Seco	Seco	Seco		Seco	Seco	
20	21 *	21 *	20 *	40 *	10 *	Seco	Seco	Seco		Seco	Seco	
21	21 *	21 *	20 *	40 *	10 *	Seco	Seco	Seco		Seco	Seco	
22	21 *	21 *	20 *	20 *	10 *	Seco	Seco	Seco		Seco	Seco	
23	21 *	21 *	20 *	20 *	10 *	Seco	Seco	Seco		Seco	Seco	
24	21 *	21 *	20 *	20 *	10 *	Seco	Seco	Seco		Seco	Seco	
25	21 *	21 *	20 *	20 *	10 *	Seco	Seco	Seco		Seco		
26	21 *	21 *	20 *	20 *	10 *	Seco	Seco	Seco		Seco		
27	21 *	21 *	20 *	20 *	10 *	Seco	Seco	Seco		Seco		
28	21 *	21 *	20 *	20 *	10 *	Seco	Seco	Seco		Seco		
29	21 *		20 *	20 *	Seco	Seco	Seco	Seco		Seco		
30	21 *		20 *	20 *	Seco	Seco	Seco	Seco		Seco		
31	21 *		20 *		Seco		Seco	Seco		Seco		
Nivel Max.	21 *	21 *	70 *	140 *	Seco	Seco	Seco	Seco		Seco		
Día	vv	vv	1	13	vv	vv	vv	vv		vv		
Hora			7	7								
Nivel Mín.	21 *	21 *	20 *	10 *	Seco	Seco	Seco	Seco		Seco	Seco	
Día	vv	vv	vv	vv	vv	vv	vv	vv		vv	vv	
Hora												
Nivel Medio	21	21	27	30	16	Seco	Seco	Seco		Seco	Seco	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H402	CONGO EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	163 *	384 *	408 *	372 *	392 *	198 *	138 *	115 *	105 *	88 *	103 *	138 *
2	171 *	377 *	412 *	372 *	376 *	198 *	136 *	114 *	105 *	87 *	101 *	125 *
3	161 *	381 *	428 *	380 *	375 *	191 *	136 *	114 *	104 *	78 *	96 *	113 *
4	193 *	380 *	431 *	376 *	371 *	182 *	136 *	115 *	104 *	77 *	96 *	100 *
5	212 *	379 *	423 *	396 *	367 *	179 *	134 *	114 *	104 *	77 *	96 *	97 *
6	251 *	376 *	432 *	408 *	362 *	172 *	134 *	115 *	104 *	76 *	97 *	94 *
7	281 *	359 *	405 *	422 *	357 *	167 *	134 *	114 *	104 *	76 *	96 *	93 *
8	293 *	346 *	382 *	422 *	343 *	165 *	134 *	114 *	103 *	76 *	95 *	90 *
9	297 *	322 *	375 *	446 *	341 *	166 *	133 *	113 *	103 *	75 *	94 *	88 *
10	307 *	314 *	364 *	463 *	336 *	165 *	128 *	111 *	103 *	75 *	94 *	87 *
11	316 *	326 *	346 *	476 *	326 *	163 *	126 *	113 *	103 *	75 *	94 *	
12	314 *	338 *	322 *	491 *	313 *	158 *	124 *	113 *	103 *	75 *	95 *	
13	328 *	432 *	307 *	499 *	307 *	156 *	122 *	113 *	104 *	75 *	95 *	
14	347 *	462 *	308 *	496 *	300 *	154 *	123 *	113 *	104 *	75 *	96 *	
15	338 *	347 *	305 *	512 *	284 *	156 *	122 *	112 *	103 *	76 *	96 *	
16	377 *	415 *	302 *	518 *	276 *	150 *	122 *	112 *	103 *	88 *	96 *	
17		273 *	297 *	395 *	248 *	146 *	117 *	108 *	93 *	158 *	97 *	
18	397 *	251 *	295 *	381 *	246 *	146 *	117 *	107 *	92 *	157 *	95 *	
19	408 *	283 *	280 *	365 *	232 *	146 *	116 *	107 *	91 *	147 *	96 *	
20	407 *	311 *	275 *	343 *	222 *	144 *	116 *	107 *	90 *	145 *	123 *	
21	423 *	333 *	273 *	340 *	215 *	146 *	115 *	106 *	90 *	133 *	122 *	
22	438 *	351 *	267 *	337 *	238 *	142 *	115 *	106 *	89 *	131 *	127 *	
23	458 *	372 *	261 *	331 *	237 *	147 *	115 *	106 *	88 *	126 *	125 *	
24	457 *	378 *	286 *	321 *	201 *	146 *	114 *	106 *	88 *	125 *	124 *	
25	457 *	397 *	304 *	319 *	242 *	141 *	115 *	105 *	85 *	117 *	138 *	
26	396 *	397 *	307 *	316 *	187 *	140 *	114 *	105 *	85 *	116 *	142 *	
27	378 *	405 *	318 *	308 *	188 *	138 *	114 *	105 *	85 *	114 *	140 *	
28	361 *	412 *	335 *	307 *	193 *	138 *	114 *	105 *	85 *	112 *	148 *	
29	339 *		344 *	311 *	196 *	137 *	114 *	105 *	85 *	110 *	182 *	
30	351 *		337 *	312 *	196 *	136 *	114 *	105 *	85 *	107 *	182 *	
31	367 *		344 *		193 *			105 *		104 *		
Nivel Max.		468 *	438 *	538 *	396 *	198 *		115 *	105 *	158 *	188 *	
Día		14	5	16	1	vv		vv	vv	17	29	
Hora		18	7	18	7					18	7	
Nivel Mín.		235 *	254 *	304 *	186 *	134 *		104 *	82 *	74 *	92 *	
Día		18	23	29	26	28		29	25	13	9	
Hora		18	18	18	18	18		18	18	18	18	
Nivel Medio	333	361	338	391	279	157	123	110	96	101	112	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H404 PULA EN YURIMA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	203 *	315 *	429 *	316 *	333 *			85 *	56 *	29 *	49 *	42 *
2	213 *	315 *	435 *	308 *	320 *			85 *	56 *	29 *	49 *	54 *
3	223 *	315 *	430 *	290 *	317 *			84 *	54 *	29 *	45 *	63 *
4	225 *	320 *	425 *	278 *	313 *			84 *	54 *	30 *	43 *	58 *
5	230 *	318 *	425 *	260 *	298 *			82 *	50 *	30 *	40 *	50 *
6	230 *	305 *	423 *	253 *	289 *			80 *	50 *	30 *	40 *	48 *
7	235 *	309 *	419 *	245 *	284 *	200 *		79 *	48 *	30 *	38 *	45 *
8	240 *	309 *	413 *	237 *	280 *	193 *		77 *	48 *	30 *	38 *	40 *
9		309 *	409 *	245 *	277 *	183 *		70 *	46 *	33 *	38 *	39 *
10		305 *	405 *	257 *	273 *	180 *		70 *	46 *	35 *	38 *	38 *
11		305 *	399 *	283 *	269 *	178 *		70 *	47 *	35 *	38 *	38 *
12		308 *	384 *	313 *	268 *	177 *		70 *	47 *	36 *	37 *	39 *
13		319 *	374 *	339 *	272 *	170 *		70 *	46 *	36 *	37 *	
14		329 *	368 *	343 *	272 *	160 *		70 *	46 *	36 *	36 *	
15		330 *	355 *	353 *	270 *	160 *		70 *	45 *	37 *	35 *	
16	250 *	333 *	355 *	357 *	270 *	159 *		70 *	44 *	37 *	34 *	
17	250 *	350 *	356 *	378 *	270 *	155 *	100 *	69 *	42 *	38 *	33 *	
18	265 *	378 *	358 *	387 *	270 *	148 *	100 *	69 *	40 *	40 *	30 *	
19	281 *	395 *	360 *	390 *	270 *	140 *	98 *	67 *	40 *	48 *	30 *	
20	297 *	395 *	363 *	397 *	270 *	135 *	93 *	67 *	39 *	60 *	30 *	
21	322 *	399 *	363 *	398 *	274 *	130 *	90 *	67 *	37 *	63 *	30 *	
22	328 *	398 *	365 *	398 *	263 *		88 *	65 *	37 *	65 *	30 *	
23	327 *	398 *	361 *	389 *	253 *		88 *	65 *	35 *	60 *	28 *	
24	327 *	390 *	357 *	383 *	255 *		85 *	65 *	35 *	60 *	28 *	
25	325 *	390 *	353 *	375 *	255 *		85 *	64 *	34 *	59 *	28 *	
26	325 *	395 *	353 *	368 *	248 *		87 *	62 *	34 *	58 *	28 *	
27	325 *	407 *	350 *	365 *	243 *		87 *	60 *	33 *	57 *	29 *	
28	325 *	422 *	348 *	358 *	233 *		87 *	58 *	32 *	56 *	29 *	
29	325 *		343 *	348 *	223 *		87 *	58 *	30 *	53 *	29 *	
30	320 *		333 *	343 *	225 *		87 *	58 *	29 *	55 *	29 *	
31	318 *		324 *		225 *		87 *	58 *		49 *		
Nivel Max.		425 *	435 *	398 *	335 *			85 *	56 *	65 *	49 *	
Día		28	2	vv	1			vv	vv	21	vv	
Hora		18	18		7					18		
Nivel Mín.		305 *	320 *	235 *	220 *			58 *	29 *	29 *	28 *	
Día		vv	31	8	29			vv	30	vv	vv	
Hora			18	7	7				18			
Nivel Medio	279	348	378	332	270			70	43	43	35	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H407 PULA EN PALIZADA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	125 *	262 *	368 *	252 *	272 *	185 *	123 *	87 *	67 *	51 *	56 *	52 *
2	129 *	258 *	367 *	250 *	256 *	192 *	127 *	87 *	67 *	50 *	56 *	53 *
3	118 *	256 *	368 *	253 *	244 *	194 *	129 *	87 *	66 *	49 *	55 *	53 *
4	223 *	249 *	360 *	242 *	234 *	197 *	128 *	88 *	65 *	49 *	54 *	53 *
5	218 *	240 *	355 *	245 *	220 *	199 *	127 *	86 *	65 *	50 *	53 *	50 *
6	209 *	240 *		233 *	237 *	187 *	125 *	85 *	61 *	51 *	50 *	49 *
7	207 *	246 *	342 *	177 *	254 *	186 *	124 *	85 *	61 *	51 *	49 *	49 *
8	200 *	253 *	341 *	171 *	250 *	174 *	126 *	84 *	61 *	50 *	48 *	48 *
9	200 *	254 *	342 *	222 *	243 *	159 *	126 *	83 *	61 *	50 *	47 *	47 *
10		253 *	338 *		242 *	158 *	125 *	81 *	60 *	49 *	46 *	45 *
11		253 *	335 *	295 *	239 *	153 *	123 *	81 *	60 *	49 *	46 *	50 *
12		255 *	327 *	293 *	265 *	150 *	120 *	81 *	60 *	54 *	45 *	51 *
13		255 *	356 *		264 *	147 *	117 *	80 *	59 *	58 *	45 *	51 *
14		259 *	288 *		251 *	145 *	116 *	80 *	59 *	57 *	44 *	51 *
15				343 *	260 *	144 *	115 *	79 *	59 *	53 *	44 *	50 *
16	208 *			379 *	263 *	137 *	114 *	79 *	59 *	51 *	43 *	51 *
17	271 *	381 *		376 *	253 *	134 *	113 *	78 *	59 *	98 *	44 *	
18		382 *		370 *	250 *	133 *	111 *	75 *	58 *	99 *	42 *	
19	288 *	380 *		351 *	240 *	133 *	106 *	74 *	56 *	50 *	42 *	
20		380 *		341 *	234 *	132 *	106 *	73 *	55 *	52 *	42 *	
21		372 *			229 *	126 *	106 *	71 *	54 *	92 *	41 *	
22		369 *	299 *		229 *	125 *	104 *	71 *	53 *	76 *	41 *	
23	289 *	357 *	289 *		223 *	132 *	104 *	70 *	52 *	65 *	41 *	
24	276 *		289 *	297 *	225 *	131 *	104 *	70 *	52 *	63 *	40 *	
25	269 *		295 *		228 *	130 *	99 *	70 *	52 *	63 *	36 *	
26					210 *	131 *	97 *	71 *	52 *	60 *	35 *	
27					193 *	129 *	95 *	70 *	52 *	61 *	37 *	
28				298 *	224 *	127 *	94 *	69 *	51 *	60 *	40 *	
29			262 *	287 *	216 *	126 *	92 *	69 *	51 *	58 *	42 *	
30	282 *		264 *	285 *	193 *	125 *	89 *	68 *	51 *	55 *	47 *	
31	273 *		259 *		182 *		88 *	68 *		55 *		
Nivel Max.					276 *	206 *	132 *	88 *	67 *	99 *	56 *	
Día					1	5	2	4	vv	18	vv	
Hora					7	18	18	18		7		
Nivel Mín.					181 *	125 *	88 *	68 *	51 *	46 *	34 *	
Día					31	vv	31	vv	vv	20	26	
Hora					7		18			18	18	
Nivel Medio	293	322	284	236	151	112	77	58	59	45		

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H412	BACHILLERO EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0 *	0 *	2 *	4 *	2 *	0 *	0 *	0 *				
2	0 *	5 *	2 *	2 *	2 *	0 *	0 *	0 *				
3	0 *	4 *	11 *	2 *	2 *	0 *	0 *	0 *				
4	0 *	4 *	9 *	2 *	2 *	0 *	0 *	0 *				
5	0 *	4 *	9 *	2 *	2 *	0 *	0 *	0 *				
6	0 *	3 *	9 *	2 *	2 *	0 *	0 *	0 *				
7	0 *	3 *	9 *	2 *	2 *	0 *	0 *	0 *				
8	0 *	3 *	9 *	2 *	0 *	0 *	0 *	0 *				
9	0 *	3 *	9 *	2 *	0 *	0 *	0 *	0 *				
10	0 *	3 *	9 *	2 *	0 *	0 *	0 *	0 *				
11	0 *	6 *	14 *	2 *	0 *	0 *	0 *	0 *				
12	0 *	4 *	13 *	2 *	0 *	0 *	0 *	0 *				
13	0 *	3 *	12 *	9 *	0 *	0 *	0 *	0 *				
14	0 *	3 *	10 *	10 *	0 *	0 *	0 *	0 *				
15	0 *	3 *	21 *	9 *	0 *	0 *	0 *	0 *				
16	0 *	3 *	14 *	8 *	0 *	0 *	0 *	0 *				
17	0 *	3 *	11 *	6 *	0 *	0 *	0 *	0 *				
18	0 *	3 *	13 *	4 *	0 *	0 *	0 *	0 *				
19	0 *	3 *	10 *	4 *	0 *	0 *	0 *	0 *				
20	0 *	3 *	9 *	4 *	0 *	0 *	0 *	0 *				
21	0 *	3 *	8 *	2 *	0 *	0 *	0 *	0 *				
22	0 *	3 *	8 *	2 *	0 *	0 *	0 *	0 *				
23	0 *	3 *	8 *	2 *	0 *	0 *	0 *	0 *				
24	0 *	3 *	6 *	2 *	0 *	0 *	0 *	0 *				
25	0 *	3 *	6 *	2 *	0 *	0 *	0 *	0 *				
26	0 *	3 *	6 *	2 *	0 *	0 *	0 *	0 *				
27	0 *	4 *	6 *	2 *	0 *	0 *	0 *	0 *				
28	0 *	4 *	6 *	2 *	0 *	0 *	0 *	0 *				
29	0 *		6 *	2 *	0 *	0 *	0 *	0 *				
30	0 *		6 *	2 *	0 *	0 *	0 *	0 *				
31	0 *		6 *		0 *		0 *	0 *				
Nivel Max.	0 *	7 *	24 *	23 *	2 *	0 *	0 *	0 *				
Día	vv	11	15	13	vv	vv	vv	vv				
Hora		7	7	7								
Nivel Mín.	0 *	0 *	2 *	2 *	0 *	0 *	0 *	0 *				
Día	vv	1	vv	vv	vv	vv	vv	vv				
Hora		7										
Nivel Medio	0	3	9	3	0	0	0	0				

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H414	TOACHI AJ BABA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	200 *	260 *	270 *	280 *	250 *	180 *	175 *	150 *	130 *	130 *	130 *	140 *
2	200 *	260 *	270 *	280 *	250 *	190 *	170 *	150 *	130 *	130 *	130 *	140 *
3	210 *	260 *	260 *	275 *	240 *	190 *	160 *	150 *	130 *	130 *	130 *	140 *
4	205 *	270 *	260 *	270 *	240 *	190 *	170 *	150 *	130 *	130 *	130 *	135 *
5	210 *	270 *	260 *	265 *	230 *	185 *	165 *	140 *	130 *	130 *	130 *	130 *
6	210 *	270 *	260 *	265 *	225 *	180 *	160 *	140 *	130 *	130 *	130 *	130 *
7	205 *	270 *	270 *	260 *	220 *	180 *	160 *	140 *	130 *	130 *	130 *	130 *
8	250 *	260 *	275 *	260 *	230 *	180 *	160 *	140 *	130 *	130 *	130 *	130 *
9	245 *	260 *	280 *	255 *	220 *	170 *	160 *	140 *	130 *	130 *	130 *	131 *
10	250 *	265 *	280 *	250 *	220 *	170 *	160 *	140 *	130 *	155 *	130 *	131 *
11	260 *	260 *	270 *	250 *	210 *	170 *	160 *	140 *	130 *	135 *	130 *	131 *
12	265 *	270 *	260 *	255 *	210 *	165 *	160 *	140 *	130 *	130 *	130 *	131 *
13	265 *	270 *	260 *	260 *	200 *	165 *	155 *	140 *	130 *	130 *	130 *	131 *
14	255 *	260 *	250 *	260 *	200 *	160 *	150 *	140 *	130 *	130 *	130 *	131 *
15	250 *	250 *	250 *	260 *	210 *	155 *	150 *	140 *	130 *	130 *	130 *	131 *
16	245 *	250 *	250 *	260 *	210 *	160 *	150 *	140 *	130 *	130 *	130 *	131 *
17	245 *	250 *	250 *	260 *	200 *	165 *	150 *	140 *	130 *	145 *	130 *	131 *
18	250 *	250 *	250 *	255 *	200 *	160 *	150 *	140 *	130 *	140 *	130 *	136 *
19	260 *	245 *	250 *	260 *	210 *	155 *	150 *	140 *	130 *	140 *	130 *	150 *
20	255 *	240 *	260 *	270 *	210 *	160 *	150 *	140 *	130 *	140 *	130 *	156 *
21	260 *	260 *	260 *	270 *	200 *	160 *	150 *	140 *	130 *	130 *	130 *	151 *
22	270 *	260 *	250 *	260 *	200 *	160 *	150 *	140 *	130 *	130 *	130 *	147 *
23	260 *	250 *	250 *	255 *	190 *	160 *	150 *	140 *	130 *	130 *	130 *	146 *
24	255 *	250 *	240 *	250 *	190 *	160 *	150 *	140 *	130 *	130 *	130 *	146 *
25	265 *	240 *	245 *	250 *	200 *	160 *	150 *	140 *	130 *	130 *	130 *	161 *
26	270 *	240 *	240 *	260 *	200 *	160 *	150 *	140 *	130 *	130 *	130 *	190 *
27	270 *	240 *	260 *	260 *	190 *	160 *	150 *	140 *	130 *	130 *	135 *	175 *
28	260 *	255 *	260 *	265 *	195 *	160 *	150 *	140 *	130 *	130 *	145 *	165 *
29	240 *		270 *	270 *	190 *	160 *	150 *	140 *	130 *	130 *	150 *	160 *
30	240 *		275 *	260 *	190 *	160 *	150 *	140 *	130 *	130 *	140 *	160 *
31	260 *		280 *		190 *		150 *	140 *		130 *		150 *
Nivel Max.	270 *	270 *	280 *	280 *	250 *	190 *	180 *	150 *	130 *	160 *	160 *	200 *
Día	vv	vv	vv	vv	vv	vv	1	vv	vv	10	29	26
Hora							7			7	7	12
Nivel Mín.	200 *	240 *	230 *	250 *	190 *	150 *	150 *	140 *	130 *	130 *	130 *	130 *
Día	vv	vv	26	vv	vv	15	vv	vv	vv	vv	vv	vv
Hora			17			17						
Nivel Medio	245	257	260	262	210	168	155	141	130	132	132	143

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H415	SAN PABLO EN LA MANA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	Seco	Seco	25 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
2	Seco	Seco	16 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
3	Seco	Seco	12 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
4	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
5	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
6	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
7	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
8	Seco	14 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
9	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
10	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
11	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
12	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
13	Seco	Seco	11 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
14	Seco	18 *	53 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
15	Seco	12 *	18 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
16	29 *	30 *	33 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
17	Seco	18 *	32 *	19 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
18	Seco	31 *	26 *	12 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
19	31 *	38 *	21 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
20	Seco	14 *	15 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
21	Seco	13 *	6 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
22	Seco	Seco	31 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
23	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
24	44 *	21 *	6 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
25	23 *	Seco	11 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
26	Seco	Seco	20 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
27	Seco	46 *	13 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
28	Seco	39 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
29	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
30	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
31	12 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
Nivel Max.	44	46	53	19	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
Día	24	27	14	17	vv	vv	vv	vv	vv	vv	vv	vv
Hora												
Nivel Mín.	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
Día	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora												
Nivel Medio	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H418	SUQUIBI AJ NAVES											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	95 *	114 *	128 *	131 *	132 *	102 *	Seco	Seco	Seco	Seco	Seco	Seco
2	98 *	115 *	127 *	128 *	130 *	101 *	Seco	Seco	Seco	Seco	Seco	Seco
3	98 *	109 *	124 *	129 *	131 *	100 *	Seco	Seco	Seco	Seco	Seco	Seco
4	98 *	104 *	125 *	132 *	128 *	99 *	Seco	Seco	Seco	Seco	Seco	Seco
5	100 *	113 *	126 *	126 *	125 *	98 *	Seco	Seco	Seco	Seco	Seco	Seco
6	100 *	122 *	123 *	130 *	127 *	96 *	Seco	Seco	Seco	Seco	Seco	Seco
7	99 *	115 *	124 *	123 *	122 *	95 *	Seco	Seco	Seco	Seco	Seco	Seco
8	100 *	115 *	121 *	127 *	124 *	94 *	Seco	Seco	Seco	Seco	Seco	Seco
9	102 *	107 *	122 *	124 *	124 *	94 *	Seco	Seco	Seco	Seco	Seco	Seco
10	104 *	118 *	125 *	130 *	124 *	92 *	Seco	Seco	Seco	Seco	Seco	Seco
11	104 *	120 *	122 *	133 *	122 *	92 *	Seco	Seco	Seco	Seco	Seco	Seco
12	103 *	122 *	124 *	131 *	123 *	91 *	Seco	Seco	Seco	Seco	Seco	Seco
13	103 *	119 *	124 *	130 *	122 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
14	105 *	115 *	122 *	126 *	121 *	91 *	Seco	Seco	Seco	Seco	Seco	Seco
15	107 *	117 *	124 *	124 *	119 *	92 *	Seco	Seco	Seco	Seco	Seco	Seco
16	106 *	117 *	123 *	131 *	119 *	92 *	Seco	Seco	Seco	Seco	Seco	Seco
17	110 *	123 *	128 *	132 *	116 *	92 *	Seco	Seco	Seco	98 *	Seco	Seco
18	104 *	119 *	125 *	128 *	116 *	91 *	Seco	Seco	Seco	Seco	Seco	Seco
19	101 *	118 *	122 *	132 *	114 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
20	103 *	120 *	124 *	129 *	108 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
21	104 *	119 *	129 *	135 *	117 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
22	101 *	118 *	129 *	127 *	117 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
23	104 *	119 *	126 *	130 *	114 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
24	107 *	118 *	123 *	130 *	112 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
25	110 *	116 *	124 *	136 *	112 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
26	111 *	120 *	124 *	136 *	106 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
27	102 *	120 *	128 *	133 *	108 *	90 *	Seco	Seco	Seco	Seco	Seco	Seco
28	108 *	117 *	124 *	133 *	105 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco
29	108 *	Seco	122 *	136 *	106 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco
30	101 *	Seco	124 *	134 *	105 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco
31	107 *	Seco	125 *	Seco	106 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco
Nivel Max.	116 *	126 *	132 *	138 *	134 *	Seco	Seco	Seco	Seco	98		
Día	26	17	22	29	1	vv	vv	vv	vv	17		
Hora	6	6	6	18	6							
Nivel Mín.	95 *	100 *	118 *	120 *	102 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco
Día	1	4	9	7	20	vv	vv	vv	vv	vv	vv	vv
Hora	6	6	6	18	18							
Nivel Medio	103	117	125	130	118	93	Seco	Seco	Seco	Seco	Seco	Seco

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H434 VALDIVIA EN EL SUSPIRO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	22 *	29 *	44 *	28 *	26 *	35 *	30 *	31 *	38 *			
2	22 *	38 *	41 *	28 *	26 *	34 *	32 *	32 *	38 *			
3	22 *	51 *	40 *	28 *	26 *	34 *	32 *	33 *	37 *			
4	22 *	38 *	37 *	28 *	26 *	33 *	33 *	35 *	36 *			
5	35 *	32 *	34 *	28 *	26 *	33 *	33 *	38 *	35 *			
6	37 *	28 *	33 *	27 *	26 *	32 *	34 *	38 *	33 *			
7	29 *	26 *	33 *	27 *	26 *	31 *	34 *	40 *	33 *			
8	26 *	26 *	33 *	27 *	26 *	30 *	34 *	40 *	32 *			
9	26 *	25 *	32 *	27 *	26 *	30 *	35 *	41 *	32 *			
10	25 *	34 *	38 *	27 *	26 *	30 *	35 *	39 *	32 *			
11	25 *	32 *	38 *	27 *	29 *	29 *	36 *	38 *	32 *			
12	24 *	35 *	45 *	26 *	30 *	29 *	37 *	38 *	32 *			
13	23 *	32 *	40 *	40 *	30 *	28 *	37 *	37 *	31 *			
14	23 *	39 *	38 *	56 *	29 *	28 *	38 *	39 *	31 *			
15	26 *	34 *	37 *	41 *	29 *	28 *	38 *	41 *	31 *			
16	26 *	29 *	36 *	34 *	28 *	27 *	40 *	42 *	31 *			
17	25 *	26 *	34 *	31 *	28 *	27 *	39 *	42 *	32 *			
18	24 *	25 *	33 *	30 *	28 *	27 *	37 *	41 *	32 *			
19	30 *	24 *	32 *	30 *	27 *	27 *	35 *	40 *	32 *			
20	33 *	24 *	32 *	29 *	27 *	27 *	34 *	40 *	32 *			
21	29 *	23 *	31 *	29 *	27 *	27 *	33 *	40 *	32 *			
22	27 *	23 *	31 *	29 *	27 *	27 *	32 *	44 *	33 *			
23	25 *	22 *	30 *	28 *	28 *	27 *	32 *	44 *	33 *			
24	25 *	22 *	30 *	28 *	29 *	27 *	31 *	43 *	33 *			
25	24 *	22 *	29 *	28 *	30 *	27 *	31 *	43 *	33 *			
26	24 *	22 *	29 *	27 *	31 *	26 *	30 *	42 *	33 *			
27	23 *	83 *	28 *	27 *	32 *	26 *	29 *	41 *	33 *			
28	23 *	58 *	28 *	27 *	33 *	26 *	29 *	40 *	33 *			
29	22 *		28 *	26 *	36 *	27 *	28 *	40 *	34 *			
30	22 *		28 *	26 *	36 *	28 *	28 *	39 *	35 *			
31	27 *		28 *		35 *		30 *	39 *				
Nivel Max.	41 *	88 *	46 *	62 *	36 *	35 *	40 *	45 *	38 *			
Día	5	27	1	14	vv	1	16	22	vv			
Hora	18	7	7	7		7	18	18				
Nivel Min.	22 *	22 *	28 *	26 *	26 *	26 *	28 *	31 *	31 *			
Día	vv	vv	vv	vv	vv	vv	vv	1	vv			
Hora								7				
Nivel Medio	26	32	34	30	29	29	33	39	33			

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H466 SILANTE EN INGAPIRCA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	31 *	14 *	16 *	27 *	67 *	57 *	67 *	60 *	37 *	30 *	12 *	40 *
2	30 *	15 *	15 *	24 *	59 *	58 *	61 *	60 *	32 *	26 *	11 *	37 *
3	30 *	18 *	11 *	22 *	55 *	53 *	67 *	57 *	30 *	30 *	12 *	34 *
4	32 *	16 *	10 *	21 *	53 *	46 *	67 *	48 *	25 *	29 *	18 *	30 *
5	34 *	15 *	10 *	21 *	50 *	45 *	64 *	45 *	40 *	25 *	17 *	33 *
6	30 *	13 *	10 *	16 *	56 *	45 *	62 *	45 *	32 *	27 *	13 *	24 *
7	30 *	14 *	10 *	13 *	50 *	45 *	58 *	42 *	25 *	32 *	11 *	20 *
8	29 *	15 *	10 *	11 *	58 *	41 *	59 *	40 *	26 *	39 *	10 *	16 *
9	24 *	17 *	10 *	13 *	51 *	40 *	57 *	40 *	25 *	30 *	10 *	16 *
10	20 *	13 *	10 *	20 *	49 *	39 *	51 *	45 *	30 *	30 *	10 *	16 *
11	20 *	12 *	10 *	19 *	59 *	36 *	50 *	50 *	26 *	28 *	13 *	16 *
12	20 *	12 *	10 *	20 *	75 *	41 *	68 *	43 *	29 *	28 *	18 *	59 *
13	20 *	10 *	10 *	20 *	83 *	45 *	67 *	40 *	30 *	29 *	13 *	78 *
14	20 *	10 *	10 *	50 *	102 *	44 *	59 *	38 *	30 *	29 *	10 *	67 *
15	20 *	10 *	13 *	41 *	92 *	42 *	55 *	37 *	29 *	28 *	10 *	65 *
16	20 *	10 *	26 *	41 *	89 *	41 *	61 *	40 *	30 *	27 *	10 *	63 *
17	19 *	10 *	13 *	39 *	122 *	40 *	63 *	46 *	30 *	26 *	30 *	65 *
18	18 *	10 *	12 *	27 *	125 *	43 *	60 *	56 *	53 *	25 *	59 *	65 *
19	14 *	10 *	11 *	29 *	115 *	39 *	62 *	51 *	42 *	25 *	60 *	65 *
20	33 *	10 *	10 *	30 *	107 *	44 *	58 *	53 *	40 *	30 *	60 *	87 *
21	35 *	10 *	10 *	26 *	101 *	43 *	56 *	49 *	41 *	21 *	69 *	104 *
22	16 *	10 *	10 *	31 *	90 *	40 *	50 *	45 *	40 *	20 *	83 *	84 *
23	15 *	12 *	10 *	46 *	78 *	49 *	48 *	45 *	44 *	20 *	60 *	79 *
24	14 *	10 *	25 *	63 *	75 *	63 *	50 *	40 *	44 *	20 *	51 *	98 *
25	15 *	10 *	20 *	57 *	73 *	132 *	58 *	40 *	29 *	22 *	50 *	74 *
26	20 *	10 *	28 *	71 *	68 *	78 *	60 *	41 *	28 *	25 *	44 *	97 *
27	25 *	13 *	36 *	65 *	75 *	74 *	56 *	40 *	29 *	23 *	43 *	87 *
28	16 *	15 *	42 *	74 *	64 *	67 *	50 *	41 *	30 *	24 *	45 *	75 *
29	11 *		35 *	80 *	57 *	70 *	52 *	40 *	30 *	22 *	45 *	68 *
30	10 *		28 *	85 *	54 *	71 *	57 *	40 *	33 *	20 *	50 *	61 *
31	13 *		29 *		58 *		71 *	40 *		15 *		55 *
Nivel Max.	35 *	18 *	48 *	90 *	145 *	189 *	85 *	69 *	55 *	40 *	85 *	112 *
Día	5	3	28	30	18	25	12	18	18	8	22	26
Hora	7	7	7	7	18	18	18	18	6	7	7	17
Nivel Min.	10 *	10 *	10 *	11 *	49 *	35 *	45 *	37 *	25 *	12 *	10 *	13 *
Día	30	vv	vv	8	10	12	23	15	vv	31	vv	8
Hora	17			7	6	7	6	6		17		17
Nivel Medio	22	12	16	37	74	52	59	45	33	26	31	57

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H467	VENDELECHE EN HDA.LA CURIA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	81 *	93 *	77 *	85 *	71 *	76 *	75 *	63 *	88 *	88 *		
2	83 *	95 *	78 *	87 *	75 *	74 *	73 *	61 *	86 *	89 *		
3	81 *	95 *	75 *	88 *	79 *	71 *	71 *	59 *	85 *	91 *		
4	83 *	97 *	76 *	90 *	67 *	70 *	67 *	60 *	84 *	94 *		
5	87 *	90 *	78 *	94 *	70 *	72 *	73 *	62 *	83 *	93 *		
6	87 *	91 *	80 *	96 *	74 *	74 *	71 *	62 *	85 *	95 *		
7	90 *	91 *	83 *	99 *	75 *	71 *	69 *	63 *	81 *	94 *		
8	86 *	92 *	82 *	100 *	73 *	70 *	71 *	67 *	84 *	96 *		
9	93 *	90 *	85 *	102 *	70 *	68 *	71 *	68 *	86 *	97 *		
10	95 *	93 *	84 *	105 *	81 *	66 *	74 *	71 *	88 *	101 *		
11	95 *	92 *	82 *	107 *	85 *	67 *	82 *	73 *	89 *	89 *		
12	96 *	92 *	88 *	110 *	82 *	74 *	79 *	75 *	82 *	97 *		
13	85 *	93 *	87 *	120 *	84 *	71 *	81 *	79 *	84 *	97 *		
14	85 *	88 *	83 *	110 *	82 *	71 *	79 *	81 *	85 *	95 *		
15	84 *	86 *	87 *	118 *	77 *	69 *	76 *	83 *	83 *	97 *		
16	82 *	86 *	86 *	110 *	75 *	71 *	74 *	81 *	85 *	99 *		
17	83 *	81 *	87 *	107 *	65 *	85 *	75 *	84 *	89 *	99 *		
18	85 *	84 *	88 *	106 *	63 *	81 *	78 *	85 *	90 *	98 *		
19	88 *	86 *	92 *	105 *	62 *	80 *	78 *	86 *	92 *	94 *		
20	85 *	86 *	97 *	104 *	71 *	74 *	76 *	88 *	93 *	95 *		
21	76 *	84 *	99 *	103 *	74 *	77 *	74 *	90 *	95 *	97 *		
22	80 *	74 *	97 *	100 *	73 *	73 *	72 *	91 *	89 *	97 *		
23	83 *	74 *	96 *	99 *	71 *	79 *	72 *	93 *	86 *	95 *		
24	75 *	74 *	88 *	97 *	70 *	83 *	70 *	81 *	88 *	94 *		
25	78 *	74 *	83 *	93 *	71 *	82 *	69 *	83 *	80 *	93 *		
26	79 *	71 *	83 *	93 *	77 *	90 *	73 *	85 *	78 *	91 *		
27	81 *	74 *	85 *	93 *	79 *	86 *	71 *	86 *	78 *	90 *		
28	81 *	74 *	87 *	90 *	78 *	80 *	68 *	84 *	82 *	91 *		
29	83 *		86 *	89 *	76 *	76 *	73 *	87 *	82 *	88 *		
30	87 *		84 *	90 *	76 *	78 *	79 *	88 *	83 *	85 *		
31	90 *		84 *		77 *		74 *	91 *		84 *		
Nivel Max.	97 *	99 *	99 *	120 *	86 *	91 *	88 *	93 *	95 *	102 *		
Día	12	13	21	13	11	26	12	23	21	10		
Hora	6	6	6	6	18	18	18	6	6	18		
Nivel Min.	70 *	70 *	74 *	84 *	61 *	65 *	63 *	57 *	70 *	84 *		
Día	24	22	3	1	19	10	4	3	25	31		
Hora	18	18	18	18	6	18	6	18	6	18		
Nivel Medio	85	85	85	99	74	75	74	77	85	93		

NOTA: * DATOS LIMNIMETRICOS

2003

H468	SAN PEDRO EN INGAPIRCA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1						114 *	115 *	116 *	112 *	101 *	97 *	114 *
2						111 *	115 *	115 *	113 *	101 *	95 *	114 *
3						111 *	123 *	114 *	113 *	101 *	95 *	103 *
4						106 *	116 *	113 *	111 *	101 *	95 *	103 *
5						103 *	116 *	113 *	111 *	100 *	95 *	103 *
6						105 *	115 *	111 *	111 *	100 *	94 *	100 *
7						104 *	114 *	111 *	112 *	100 *	94 *	100 *
8						104 *	113 *	109 *	112 *	100 *	94 *	100 *
9						104 *	114 *	109 *	112 *	100 *	111 *	100 *
10						104 *	114 *	109 *	112 *	100 *	111 *	95 *
11						102 *	108 *	106 *	113 *	90 *	111 *	95 *
12						102 *	104 *	104 *	113 *	90 *	101 *	105 *
13						102 *	104 *	104 *	113 *	90 *	101 *	135 *
14						101 *	102 *	104 *	113 *	90 *	101 *	135 *
15						101 *	102 *	109 *	112 *	90 *	101 *	134 *
16						101 *	102 *	109 *	112 *	90 *	101 *	110 *
17						102 *	115 *	108 *	112 *	90 *	101 *	110 *
18						101 *	121 *	107 *	111 *	90 *	101 *	111 *
19						103 *	107 *	107 *	102 *	90 *	101 *	115 *
20						103 *	107 *	101 *	104 *	101 *	102 *	105 *
21						104 *	110 *	101 *	104 *	101 *	112 *	105 *
22						105 *	111 *	102 *	104 *	101 *	112 *	165 *
23						106 *	110 *	102 *	102 *	102 *	112 *	153 *
24						106 *	108 *	102 *	102 *	102 *	112 *	151 *
25						112 *	106 *	110 *	102 *	102 *	112 *	141 *
26						128 *	106 *	111 *	103 *	104 *	112 *	140 *
27						139 *	104 *	111 *	103 *	101 *	112 *	140 *
28					109 *	139 *	104 *	112 *	104 *	100 *	112 *	131 *
29					109 *	131 *	109 *	112 *	104 *	100 *	112 *	131 *
30					110 *	115 *	114 *	112 *	104 *	100 *	112 *	121 *
31					117 *		116 *	112 *				121 *
Nivel Max.						139 *	129 *	116 *	113 *		112 *	165 *
Día						vv	3	1	vv		vv	22
Hora							18	18				6
Nivel Min.						101 *	102 *	101 *	100 *		94 *	95 *
Día						vv	vv	vv	19		vv	vv
Hora									6			
Nivel Medio						109	110	109	108	98	104	119

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H471 CAÑAR DJ RAURA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	45 *	70 *	30 *	50 *	70 *	60 *	70 *	68 *	32 *	30 *	20 *	30 *
2	45 *	65 *	30 *	50 *	70 *	60 *	70 *	60 *	32 *	30 *	20 *	30 *
3	45 *	57 *	35 *	55 *	70 *	60 *	70 *	53 *	31 *	30 *	20 *	30 *
4	45 *	45 *	35 *	55 *	70 *	60 *	68 *	50 *	30 *	30 *	20 *	28 *
5	43 *	40 *	35 *	55 *	70 *	60 *	65 *	50 *	30 *	30 *	20 *	25 *
6	40 *	35 *	35 *	60 *	70 *	60 *	65 *	50 *	37 *	32 *	20 *	25 *
7	38 *	30 *	40 *	60 *	70 *	60 *	60 *	50 *	30 *	32 *	15 *	25 *
8	35 *	30 *	40 *	60 *	70 *	60 *	60 *	50 *	30 *	32 *	15 *	25 *
9	30 *	35 *	40 *	60 *	70 *	60 *	55 *	48 *	30 *	32 *	10 *	40 *
10	30 *	40 *	40 *	60 *	70 *	50 *	50 *	45 *	31 *	30 *	10 *	45 *
11	30 *	40 *	40 *	60 *	85 *	50 *	50 *	45 *	35 *	30 *	10 *	50 *
12	30 *	43 *	40 *	60 *	130 *	50 *	50 *	45 *	29 *	30 *	10 *	60 *
13	30 *	45 *	40 *	70 *	150 *	50 *	50 *	45 *	45 *	30 *	10 *	130 *
14	30 *	46 *	40 *	100 *	150 *	50 *	50 *	45 *	35 *	30 *	10 *	100 *
15	30 *	47 *	55 *	60 *	140 *	50 *	50 *	45 *	30 *	32 *	10 *	100 *
16	30 *	45 *	60 *	60 *	150 *	50 *	55 *	45 *	30 *	32 *	10 *	80 *
17	30 *	53 *	60 *	60 *	130 *	50 *	75 *	40 *	30 *	30 *	30 *	60 *
18	30 *	47 *	60 *	60 *	170 *	50 *	63 *	40 *	35 *	30 *	48 *	60 *
19	30 *	45 *	60 *	60 *	150 *	50 *	50 *	40 *	95 *	31 *	50 *	80 *
20	30 *	43 *	57 *	60 *	135 *	50 *	50 *	40 *	55 *	34 *	60 *	80 *
21	30 *	37 *	55 *	60 *	130 *	60 *	50 *	40 *	40 *	31 *	80 *	80 *
22	30 *	35 *	45 *	60 *	130 *	65 *	50 *	40 *	37 *	29 *	80 *	70 *
23	30 *	35 *	40 *	60 *	115 *	70 *	50 *	38 *	33 *	28 *	60 *	60 *
24	30 *	33 *	40 *	60 *	100 *	75 *	50 *	38 *	30 *	28 *	60 *	60 *
25	30 *	30 *	40 *	60 *	90 *	80 *	50 *	38 *	30 *	25 *	55 *	60 *
26	30 *	30 *	40 *	60 *	80 *	80 *	50 *	38 *	30 *		55 *	60 *
27	30 *	30 *	45 *	60 *	70 *	78 *	50 *	40 *	34 *		50 *	65 *
28	30 *	30 *	45 *	60 *	70 *	75 *	50 *	40 *	38 *		50 *	88 *
29	30 *		45 *	60 *	70 *	75 *	50 *	37 *	37 *		50 *	83 *
30	35 *		48 *	60 *	60 *	75 *	53 *	35 *	35 *		50 *	75 *
31	45 *		50 *		60 *		75 *	32 *				60 *
Nivel Max.	45 *	70 *	70 *	100 *	170 *	80 *	80 *	70 *	100 *		80 *	130 *
Día	vv	1	15	14	18	vv	31	1	19		vv	13
Hora		6	18	6	6		6	6	6			18
Nivel Mín.	30 *	30 *	30 *	50 *	60 *	50 *	50 *	32 *	28 *		10 *	25 *
Día	vv	vv	vv	vv	vv	vv	vv	31	12		vv	vv
Hora								18	18			
Nivel Medio	34	41	44	61	99	61	57	44	36	30	34	60

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H503 TENGUEL EN TENGUEL												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	6 *		27 *	31 *	24 *	8 *	9 *	3 *	0 *	0 *	0 *	0 *
2	6 *		31 *	29 *	23 *	8 *	8 *	2 *	0 *	0 *	0 *	0 *
3	6 *		26 *	25 *	21 *	8 *	8 *	2 *	0 *	0 *	0 *	0 *
4	7 *		22 *	25 *	20 *	8 *	8 *	2 *	0 *	0 *	0 *	0 *
5	7 *		23 *	24 *	19 *	8 *	8 *	1 *	0 *	0 *	0 *	0 *
6	7 *		20 *	24 *	18 *	7 *	8 *	1 *	0 *	0 *	0 *	0 *
7	6 *		20 *	23 *	18 *	7 *	8 *	1 *	0 *	0 *	0 *	0 *
8	4 *		19 *	21 *	17 *	7 *	8 *	1 *	0 *	0 *	0 *	0 *
9	2 *		18 *	21 *	17 *	7 *	8 *	1 *	0 *	0 *	0 *	0 *
10	1 *		18 *	20 *	16 *	7 *	8 *	1 *	0 *	0 *	0 *	0 *
11	1 *		21 *	20 *	15 *	6 *	7 *	1 *	0 *	0 *	0 *	0 *
12	1 *		20 *	19 *	14 *	6 *	7 *	0 *	0 *	0 *	0 *	0 *
13	5 *		16 *	19 *	12 *	6 *	7 *	0 *	0 *	0 *	0 *	0 *
14	2 *		27 *	26 *	14 *	5 *	7 *	0 *	0 *	0 *	0 *	0 *
15	5 *		30 *	80 *	11 *	5 *	7 *	0 *	0 *	0 *	0 *	0 *
16	7 *		27 *	34 *	11 *	4 *	7 *	0 *	0 *	0 *	0 *	0 *
17	1 *		25 *	29 *	10 *	4 *	7 *	0 *	0 *	0 *	0 *	0 *
18	1 *		52 *	27 *	10 *	4 *	7 *	0 *	0 *	0 *	0 *	0 *
19	2 *		29 *	26 *	10 *	4 *	7 *	0 *	0 *	0 *	0 *	0 *
20	2 *		29 *	25 *	10 *	3 *	7 *	0 *	0 *	0 *	0 *	0 *
21	9 *		24 *	25 *	10 *	3 *	7 *	0 *	0 *	0 *	0 *	0 *
22	6 *		20 *	24 *	10 *	2 *	6 *	0 *	0 *	0 *	0 *	0 *
23	2 *		20 *	24 *	9 *	1 *	5 *	0 *	0 *	0 *	0 *	0 *
24	0 *		32 *	25 *	9 *	1 *	5 *	0 *	0 *	0 *	0 *	0 *
25	1 *		24 *	26 *	9 *	0 *	5 *	0 *	0 *	0 *	0 *	0 *
26	2 *		74 *	26 *	9 *	0 *	5 *	0 *	0 *	0 *	0 *	0 *
27	1 *		76 *	26 *	10 *	0 *	4 *	0 *	0 *	0 *	0 *	5 *
28	1 *		55 *	25 *	10 *	0 *	4 *	0 *	0 *	0 *	0 *	0 *
29	2 *		44 *	24 *	10 *	9 *	3 *	0 *	0 *	0 *	0 *	0 *
30	3 *		47 *	24 *	9 *	9 *	3 *	0 *	0 *	0 *	0 *	0 *
31	4 *		35 *		9 *		3 *	0 *		0 *		0 *
Nivel Max.	32 *		88 *	105 *	24 *	9 *	9 *	3 *	0 *	0 *	0 *	9 *
Día	19		26	15	1	vv	1		vv	vv	vv	27
Hora	17		7	7	7		7	7				7
Nivel Mín.	0 *		15 *	18 *	8 *	0 *	3 *	0 *	0 *	0 *	0 *	0 *
Día	25		13	13	31	vv	vv	vv	vv	vv	vv	vv
Hora	7		17	17	17							
Nivel Medio	3		30	26	13	5	6	0	0	0	0	0

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H507	BONITO EN PTE.CARRETERA(AJ PAGUA)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	56 *	68 *	54 *	42 *	34 *	39 *	39 *	38 *	33 *	33 *	38 *	46 *
2	54 *	90 *	73 *	42 *	37 *	40 *	39 *	38 *	33 *	33 *	37 *	39 *
3	56 *	85 *	71 *	43 *	36 *	39 *	39 *	38 *	33 *	33 *	36 *	37 *
4	54 *	77 *	69 *	42 *	32 *	36 *	39 *	37 *	33 *	33 *	36 *	36 *
5	52 *	70 *	69 *	37 *	32 *	37 *	38 *	37 *	33 *	33 *	36 *	36 *
6	60 *	60 *	71 *	36 *	34 *	38 *	37 *	37 *	33 *	33 *	36 *	38 *
7	59 *	59 *	69 *	33 *	34 *	39 *	37 *	36 *	33 *	37 *	38 *	36 *
8	60 *	62 *	47 *	44 *	33 *	37 *	36 *	36 *	33 *	38 *	37 *	36 *
9	64 *	64 *	40 *	41 *	36 *	35 *	36 *	36 *	33 *	37 *	37 *	36 *
10	61 *	55 *	37 *	38 *	35 *	33 *	37 *	34 *	33 *	36 *	37 *	35 *
11	60 *	58 *	59 *	33 *	37 *	37 *	37 *	32 *	33 *	37 *	36 *	35 *
12	63 *	58 *	58 *	32 *	35 *	38 *	39 *	32 *	33 *	38 *	40 *	34 *
13	75 *	57 *	50 *	35 *	34 *	36 *	39 *	32 *	33 *	35 *	46 *	39 *
14	64 *	51 *	54 *	61 *	34 *	36 *	38 *	32 *	33 *	36 *	47 *	37 *
15	69 *	44 *	58 *	63 *	34 *	38 *	37 *	32 *	33 *	36 *	46 *	36 *
16	73 *	39 *	52 *	43 *	33 *	37 *	37 *	32 *	33 *	36 *	48 *	35 *
17	80 *	38 *	45 *	41 *	33 *	36 *	37 *	32 *	33 *	36 *	48 *	36 *
18	73 *	35 *	70 *	37 *	38 *	35 *	36 *	32 *	33 *	38 *	45 *	37 *
19	70 *	59 *	64 *	35 *	35 *	32 *	37 *	32 *	33 *	37 *	38 *	37 *
20	69 *	55 *	62 *	34 *	35 *	32 *	36 *	32 *	33 *	38 *	39 *	35 *
21	67 *	55 *	63 *	32 *	34 *	35 *	35 *	32 *	33 *	42 *	37 *	37 *
22	63 *	56 *	53 *	41 *	35 *	32 *	35 *	32 *	33 *	40 *	43 *	36 *
23	70 *	58 *	43 *	39 *	32 *	32 *	37 *	32 *	33 *	40 *	46 *	36 *
24	63 *	54 *	37 *	37 *	30 *	36 *	39 *	32 *	33 *	42 *	44 *	34 *
25	60 *	50 *	58 *	35 *	33 *	38 *	39 *	32 *	33 *	41 *	40 *	39 *
26	60 *	45 *	39 *	37 *	37 *	37 *	36 *	32 *	33 *	36 *	43 *	59 *
27	65 *	48 *	48 *	33 *	35 *	36 *	36 *	32 *	33 *	48 *	40 *	55 *
28	64 *	51 *	44 *	35 *	34 *	35 *	37 *	32 *	33 *	46 *	37 *	45 *
29	66 *		42 *	33 *	33 *	33 *	37 *	33 *	33 *	45 *	48 *	43 *
30	65 *		44 *	32 *		32 *	36 *	33 *	33 *	45 *	46 *	38 *
31	67 *		43 *		31 *		36 *	33 *		46 *		36 *
Nivel Max.	90 *	100 *	75 *	80 *	38 *	40 *	39 *	38 *	33 *	48 *	49 *	70 *
Día	13	2	2	15	3	2	vv	vv		27	16	26
Hora	6	6	6	6	6	6				18	18	18
Nivel Min.	52 *	33 *	35 *	30 *	30 *	32 *	34 *	32 *	33 *	32 *	35 *	32 *
Día	5	18	24	13	24	vv	26	vv	vv	6	3	24
Hora	6	18	18	6	18		18			18	18	18
Nivel Medio	64	57	54	39	34	36	37	34	33	38	41	38

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H508	CHAGUANA EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	88 *	38 *	71 *	53 *	38 *	46 *	42 *	53 *	50 *	55 *	9 *	45 *
2	78 *	36 *	67 *	47 *	37 *	47 *	39 *	53 *	51 *	49 *	12 *	36 *
3	67 *	34 *	65 *	43 *	35 *	46 *	38 *	54 *	53 *	50 *	11 *	33 *
4	62 *	48 *	64 *	44 *	34 *	50 *	42 *	56 *	52 *	51 *	8 *	38 *
5	64 *	43 *	63 *	42 *	33 *	44 *	43 *	57 *	53 *	49 *	15 *	38 *
6	63 *	39 *	62 *	37 *	35 *	46 *	45 *	58 *	54 *	50 *	24 *	39 *
7	60 *	45 *	58 *	32 *	35 *	56 *	44 *	60 *	52 *	53 *	30 *	38 *
8	53 *	42 *	53 *	35 *	34 *	51 *	43 *	61 *	47 *	55 *	34 *	38 *
9	47 *	61 *	50 *	44 *	31 *	45 *	45 *	61 *	43 *	56 *	39 *	36 *
10	43 *	45 *	48 *	39 *	29 *	49 *	49 *	54 *	48 *	55 *	41 *	35 *
11	42 *	47 *	58 *	38 *	32 *	48 *	49 *	53 *	49 *	53 *	41 *	40 *
12	46 *	96 *	53 *	35 *	33 *	49 *	50 *	58 *	50 *	54 *	39 *	41 *
13	44 *	43 *	55 *	32 *	38 *	56 *	52 *	53 *	48 *	56 *	39 *	40 *
14	52 *	45 *	52 *	48 *	39 *	56 *	54 *	44 *	44 *	53 *	42 *	40 *
15	55 *	50 *	48 *	47 *	37 *	57 *	55 *	43 *	46 *	48 *	41 *	40 *
16	56 *	39 *	47 *	45 *	46 *	52 *	53 *	42 *	49 *	46 *	42 *	39 *
17	50 *	58 *	58 *	42 *	48 *	44 *	53 *	47 *	45 *	45 *	41 *	37 *
18	40 *	50 *	93 *	40 *	49 *	43 *	53 *	51 *	46 *	47 *	42 *	35 *
19	38 *	45 *	88 *	40 *	47 *	42 *	55 *	50 *	45 *	46 *	40 *	34 *
20	36 *	42 *	70 *	39 *	43 *	38 *	47 *	47 *	46 *	44 *	37 *	31 *
21	35 *	40 *	53 *	37 *	41 *	32 *	48 *	45 *	48 *	46 *	36 *	29 *
22	37 *	60 *	39 *	36 *	39 *	29 *	47 *	45 *	47 *	46 *	39 *	28 *
23	35 *	60 *	67 *	35 *	38 *	28 *	47 *	47 *	48 *	42 *	42 *	27 *
24	39 *	60 *	48 *	32 *	39 *	34 *	50 *	49 *	47 *	38 *	40 *	26 *
25	48 *	84 *	32 *	31 *	39 *	35 *	54 *	50 *	48 *	42 *	38 *	25 *
26	46 *	77 *	68 *	30 *	35 *	34 *	53 *	49 *	49 *	43 *	46 *	31 *
27	44 *	72 *	58 *	29 *	33 *	34 *	53 *	44 *	48 *	44 *	46 *	35 *
28	50 *	72 *	48 *	28 *	31 *	32 *	56 *	44 *	49 *	46 *	44 *	39 *
29	45 *		53 *	27 *	37 *	40 *	58 *	44 *	52 *	45 *	49 *	39 *
30	38 *		68 *	31 *	32 *	42 *	42 *	47 *	54 *	41 *	49 *	35 *
31	37 *		67 *		34 *		50 *	49 *		32 *		33 *
Nivel Max.	90 *	98 *	95 *	55 *	49 *	59 *	59 *	62 *	55 *	56 *	49 *	49 *
Día	1	12	18	1	18	16	29	9	30	vv	vv	1
Hora	7	7	7	7	7	7	17	7	17			7
Nivel Min.	34 *	33 *	28 *	27 *	28 *	27 *	33 *	40 *	42 *	28 *	6 *	25 *
Día	21	3	25	29	10	23	30	14	9	31	5	24
Hora	17	17	17	17	17	17	17	17	17	17	7	17
Nivel Medio	49	52	59	38	37	43	49	50	48	48	35	35

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H528 JUBONES DJ MINAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	95 *	95 *	103 *	95 *	98 *	134 *	100 *	90 *	68 *	58 *	38 *	80 *
2	92 *	103 *	102 *	93 *	112 *	204 *	110 *	92 *	56 *	64 *	36 *	58 *
3	95 *	105 *	95 *	84 *	111 *	94 *	85 *	156 *	54 *	58 *	38 *	58 *
4	95 *	101 *	94 *	86 *	110 *	84 *	102 *	152 *	54 *	54 *	38 *	56 *
5	94 *	202 *	93 *	88 *	97 *	86 *	100 *	74 *	52 *	56 *	38 *	56 *
6	85 *	201 *	85 *	94 *	95 *	244 *	90 *	76 *	48 *	58 *	38 *	54 *
7	84 *	203 *	84 *	95 *	96 *	88 *	86 *	74 *	52 *	56 *	48 *	56 *
8	83 *	105 *	92 *	100 *	96 *	84 *	150 *	76 *	54 *	56 *	48 *	54 *
9	8 *	104 *	93 *	120 *	98 *	80 *	110 *	80 *	54 *	66 *	48 *	56 *
10	82 *	102 *	95 *	100 *	95 *	74 *	115 *	76 *	54 *	58 *	38 *	56 *
11	83 *	95 *	101 *	120 *	93 *	72 *	350 *	74 *	52 *	58 *	38 *	54 *
12	84 *	95 *	103 *	145 *	90 *	74 *	150 *	72 *	54 *	56 *	98 *	54 *
13	83 *	94 *	104 *	152 *	92 *	78 *	120 *	74 *	54 *	56 *	96 *	56 *
14	8 *	93 *	102 *	245 *	84 *	76 *	124 *	64 *	54 *	54 *	94 *	58 *
15	75 *	101 *	105 *	358 *	83 *	78 *	100 *	64 *	54 *	54 *	98 *	58 *
16	8 *	103 *	202 *	345 *	85 *	200 *	92 *	60 *	56 *	54 *	100 *	58 *
17	83 *	105 *	203 *	314 *	70 *	202 *	74 *	70 *	58 *	52 *	102 *	60 *
18	82 *	95 *	204 *	289 *	79 *	90 *	82 *	74 *	154 *	52 *	104 *	80 *
19	9 *	94 *	202 *	256 *	77 *	134 *	92 *	60 *	156 *	52 *	100 *	86 *
20	95 *	93 *	105 *	256 *	64 *	90 *	96 *	62 *	158 *	56 *	98 *	120 *
21	103 *	85 *	104 *	211 *	65 *	280 *	100 *	64 *	58 *	56 *	98 *	134 *
22	102 *	91 *	103 *	116 *	66 *	114 *	110 *	70 *	58 *	58 *	100 *	136 *
23	104 *	94 *	105 *	118 *	41 *	110 *	102 *	62 *	56 *	58 *	120 *	120 *
24	95 *	95 *	205 *	125 *	71 *	122 *	110 *	64 *	56 *	58 *	122 *	100 *
25	93 *	101 *	304 *	118 *	90 *	101 *	120 *	60 *	54 *	56 *	124 *	110 *
26	91 *	103 *	303 *	96 *	111 *	94 *	124 *	60 *	52 *	56 *	124 *	90 *
27	9 *	102 *	405 *	94 *	110 *	80 *	94 *	62 *	160 *	56 *	126 *	90 *
28	85 *	104 *	402 *	98 *	90 *	82 *	96 *	64 *	64 *	56 *	128 *	92 *
29	95 *		305 *	90 *	115 *	96 *	100 *	62 *	58 *	56 *	204 *	94 *
30	93 *		203 *	91 *	114 *	75 *	104 *	66 *	54 *	56 *	224 *	96 *
31	94 *		211 *		112 *		96 *	66 *		58 *		98 *
Nivel Max.	104 *	203 *	405 *	358 *	115 *	280 *	350 *	156 *	160 *	200 *	224 *	136 *
Día	23	7		15	29	21	11	3	27	9	30	22
Hora	18	18	18	18	18	18	18	18	18		18	18
Nivel Min.	8 *	85 *	84 *	84 *	41 *	72 *	74 *	60 *	48 *	52 *	36 *	54 *
Día	vv	21	7	3	23	11	17	vv	6	vv	2	vv
Hora		18	18	18	18	18	18		18		18	
Nivel Medio	77	109	162	153	91	114	112	75	69	57	90	78

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H529 JUBONES DJ S.FRANCISCO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	97	106	150 *	130 *	115 *	125 *	110 *	100 *	70 *	62	62	96
2	91	110	130 *	110 *	115 *	132 *	100 *	80 *	60 *	62	62	76
3	90	110	155 *	100 *	110 *	132 *	160 *	70 *	60 *	62	62	63
4	89	96	100 *	100 *	115 *	100 *	120 *	70 *	60 *	62	62	63
5	85	97	85 *	115 *	105 *	105 *	100 *	80 *	75 *	62	62	62
6	84	103	95 *	115 *	115 *	105 *	80 *	70 *	75 *	62	62	63
7	87	102	100 *	105 *	125 *	120 *	80 *	70 *	60 *	62	62	63
8	93	116	115 *	115 *	110 *	105 *	115 *	70 *	60 *	62	63	62
9	91	99	120 *	140 *	110 *	90 *	100 *	75 *	60 *	62	62	62
10	87	98	150 *	195 *	120 *	85 *	100 *	105 *	60 *	62	62	53 *
11	105	98	110 *	200 *	110 *	80 *	175 *	135 *	90 *	62	62	52 *
12	87	98	95 *	175 *	125 *	80 *	130 *	105 *	85 *	62	62	67 *
13	81	98	90 *	140 *	165 *	80 *	130 *	80 *	85 *	62	61	112 *
14	76	98	95 *	195 *	185 *	80 *	95 *	70 *	70 *	62	61	121 *
15	73	98	115 *	135 *	110 *	80 *	90 *	70 *	60 *	62	62	131 *
16	83	98	215 *	120 *	130 *	90 *	90 *	70 *	60 *	62	62	105 *
17	84	98	180 *	110 *	130 *	90 *	80 *	70 *	60 *	62	76	83 *
18	80	98	135 *	110 *	115 *	80 *	80 *	70 *	110 *	62	92	97 *
19	77	98	115 *	115 *	115 *	80 *	85 *	80 *	120 *	62	94	167 *
20	81	98	85 *	105 *	100 *	135 *	80 *	75 *	60 *	62	80	153 *
21	84	98	105 *	105 *	115 *	145 *	90 *	70 *	60 *	61	85	122 *
22	82	98	105 *	105 *	125 *	140 *	80 *	80 *	60 *	61	78	128 *
23	77	98	120 *	120 *	110 *	100 *	85 *	65 *	70 *	61	83	95 *
24	75	98	105 *	110 *	110 *	100 *	110 *	75 *	60 *	62	72	91 *
25	75	98	90 *	135 *	115 *	240 *	115 *	80 *	60 *	62	63	120 *
26	71	98	90 *	135 *	115 *	205 *	140 *	75 *	60 *	62	63	98 *
27	69	98	95 *	140 *	110 *	141 *	100 *	80 *	85 *	62	63	127 *
28	73	98	95 *	130 *	185 *	110 *	110 *	100 *	70 *	62	62	100 *
29	71		115 *	155 *	235 *	100 *	95 *	95 *	70 *	62	85	85 *
30	76		240 *	205 *	170 *	115 *	80 *	75 *	60 *	62	128	86 *
31	100		210 *		106 *		80 *	70 *		62		85 *
Nivel Max.	107	120	250 *	270 *	370 *	250 *	230 *	150 *	170 *	62	146	176 *
Día	11	8	17	11	31	25	11	11	18	vv	30	19
Hora	6	1	18	6	6	6	18	18	18		12	18
Nivel Min.	67	82	70 *	90 *	72 *	80 *	80 *	60 *	50 *	61	61	52 *
Día	27	4	12	24	31	vv	vv	23	18	vv	vv	11
Hora	10	20	6	6	6			18	18			18
Nivel Medio	83	100	123	132	126	112	103	80	70	62	71	93

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H530 JUBONES EN USHCURRUMI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	309 *	346 *	339 *	340 *	343 *	319 *	319 *	339 *	279 *	281 *	280 *	305 *
2	304 *	334 *	328 *	332 *	344 *	330 *	313 *	331 *	275 *	274 *	273 *	289 *
3	297 *	322 *	320 *	323 *	330 *	325 *	341 *	315 *	272 *	268 *	264 *	281 *
4	290 *	313 *	313 *	317 *	333 *	318 *	343 *	307 *	269 *	283 *	258 *	272 *
5	284 *	323 *	307 *	322 *	321 *	311 *	332 *	307 *	290 *	277 *	256 *	265 *
6	280 *	314 *	330 *	314 *	327 *	333 *	324 *	300 *	291 *	271 *	253 *	264 *
7	281 *	324 *	317 *	309 *	331 *	317 *	319 *	291 *	280 *	267 *	249 *	264 *
8	280 *	336 *	308 *	303 *	337 *	308 *	338 *	284 *	272 *	293 *	268 *	258 *
9	274 *	327 *	301 *	326 *	327 *	300 *	334 *	279 *	268 *	331 *	274 *	258 *
10	268 *	314 *	292 *	377 *	319 *	293 *	323 *	350 *	264 *	314 *	261 *	257 *
11	287 *	301 *	284 *	360 *	325 *	290 *	370 *	359 *	290 *	306 *	255 *	257 *
12	281 *	298 *	286 *	354 *	413 *	289 *	365 *	345 *	313 *	296 *	252 *	263 *
13	276 *	301 *	286 *	364 *	463 *	299 *	395 *	334 *	307 *	296 *	251 *	321 *
14	272 *	295 *	284 *	349 *	469 *	299 *	343 *	313 *	301 *	294 *	251 *	334 *
15	278 *	291 *	314 *	323 *	410 *	306 *	304 *	306 *	291 *	302 *	255 *	341 *
16	294 *	289 *	428 *	315 *	398 *	310 *	296 *	295 *	282 *	291 *	264 *	330 *
17	289 *	287 *	386 *	318 *	371 *	301 *	289 *	293 *	275 *	286 *	290 *	309 *
18	283 *	287 *	372 *	321 *	441 *	295 *	283 *	287 *	321 *	278 *	317 *	310 *
19	278 *	284 *	326 *	323 *	398 *	295 *	297 *	288 *	353 *	273 *	321 *	368 *
20	279 *	286 *	316 *	324 *	349 *	329 *	286 *	285 *	338 *	267 *	301 *	349 *
21	273 *	305 *	309 *	330 *	350 *	347 *	280 *	280 *	323 *	262 *	306 *	337 *
22	269 *	310 *	300 *	358 *	327 *	340 *	273 *	274 *	314 *	258 *	296 *	337 *
23	265 *	297 *	317 *	379 *	307 *	333 *	266 *	269 *	317 *	254 *	294 *	313 *
24	263 *	290 *	333 *	392 *	297 *	332 *	323 *	262 *	307 *	251 *	283 *	315 *
25	272 *	286 *	338 *	383 *	288 *	428 *	353 *	257 *	299 *	249 *	273 *	333 *
26	267 *	284 *	415 *	349 *	274 *	397 *	358 *	252 *	294 *	248 *	268 *	316 *
27	275 *	290 *	351 *	343 *	262 *	370 *	346 *	274 *	301 *	244 *	264 *	333 *
28	271 *	370 *	325 *	369 *	278 *	326 *	342 *	302 *	309 *	265 *	270 *	338 *
29	268 *		317 *	352 *	272 *	317 *	330 *	297 *	300 *	260 *	278 *	320 *
30	279 *		333 *	328 *	274 *	327 *	321 *	290 *	294 *	263 *	338 *	305 *
31	316 *		338 *		317 *		334 *	283 *		276 *		297 *
Nivel Max.	320 *	380 *	453 *	426 *	534 *	451 *	397 *	360 *	372 *	338 *	348 *	379 *
Día	31	28	26	24	13	25	13	10	18	9	30	19
Hora	18	7	7	18	18	7	7	7	18	7	7	18
Nivel Min.	262 *	282 *	281 *	300 *	260 *	288 *	264 *	251 *	260 *	242 *	248 *	256 *
Día	24	26	14	8	27	11	23	26	11	27	7	8
Hora	18	7	7	18	18	7	18	18	7	18	18	18
Nivel Medio	280	307	326	340	342	322	324	298	296	276	275	304

NOTA: * DATOS LIMNIMETRICOS

2003

H531 CASACAY AJ JUBONES												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	24 *	54 *	65 *	72 *	61 *	51 *	41 *	34 *	29 *	24 *	24 *	20 *
2	23 *	57 *	68 *	72 *	61 *	49 *	41 *	34 *	29 *	23 *	21 *	23 *
3	25 *	58 *	65 *	70 *	59 *	46 *	39 *	35 *	27 *	23 *	20 *	25 *
4	27 *	64 *	66 *	67 *	58 *	47 *	39 *	35 *	28 *	24 *	20 *	23 *
5	39 *	59 *	62 *	67 *	59 *	46 *	39 *	34 *	29 *	23 *	20 *	20 *
6	33 *	53 *	64 *	67 *	62 *	48 *	37 *	34 *	27 *	23 *	19 *	22 *
7	37 *	53 *	57 *	66 *	59 *	48 *	35 *	33 *	27 *	24 *	20 *	18 *
8	37 *	51 *	60 *	64 *	60 *	48 *	36 *	33 *	29 *	23 *	20 *	24 *
9	37 *	49 *	59 *	64 *	58 *	47 *	37 *	34 *	29 *	22 *	19 *	21 *
10	45 *	50 *	57 *	72 *	58 *	47 *	40 *	34 *	29 *	20 *	19 *	21 *
11	42 *	50 *	58 *	72 *	59 *	47 *	39 *	33 *	28 *	22 *	19 *	21 *
12	42 *	49 *	57 *	69 *	57 *	48 *	38 *	34 *	26 *	21 *	19 *	19 *
13	44 *	45 *	56 *	67 *	57 *	48 *	39 *	32 *	27 *	21 *	18 *	20 *
14	43 *	44 *	55 *	66 *	56 *	46 *	38 *	33 *	25 *	22 *	19 *	23 *
15	46 *	50 *	62 *	65 *	54 *	44 *	38 *	32 *	25 *	23 *	20 *	25 *
16	45 *	55 *	73 *	65 *	55 *	46 *	36 *	33 *	26 *	22 *	20 *	23 *
17	44 *	54 *	67 *	63 *	55 *	46 *	37 *	34 *	25 *	22 *	19 *	20 *
18	44 *	58 *	68 *	65 *	55 *	45 *	36 *	31 *	25 *	22 *	18 *	22 *
19	43 *	63 *	66 *	72 *	53 *	46 *	35 *	31 *	24 *	24 *	21 *	19 *
20	49 *	61 *	62 *	69 *	54 *	45 *	36 *	31 *	25 *	23 *	20 *	18 *
21	48 *	55 *	59 *	69 *	54 *	44 *	36 *	29 *	24 *	22 *	19 *	20 *
22	44 *	55 *	57 *	73 *	51 *	44 *	34 *	31 *	25 *	23 *	20 *	19 *
23	42 *	54 *	61 *	71 *	48 *	44 *	35 *	30 *	24 *	21 *	22 *	21 *
24	45 *	54 *	60 *	72 *	56 *	43 *	35 *	29 *	24 *	20 *	23 *	19 *
25	43 *	56 *	59 *	69 *	54 *	44 *	35 *	32 *	23 *	23 *	21 *	25 *
26	42 *	54 *	81 *	68 *	54 *	43 *	35 *	30 *	23 *	22 *	20 *	27 *
27	42 *	75 *	101 *	65 *	53 *	42 *	36 *	29 *	23 *	22 *	19 *	29 *
28	41 *	77 *	84 *	64 *	50 *	42 *	37 *		24 *	24 *	28 *	26 *
29	40 *		79 *	64 *	49 *	42 *	34 *		24 *	23 *	30 *	23 *
30	42 *		76 *	64 *	50 *	40 *	34 *	30 *	25 *	21 *	20 *	21 *
31	41 *		75 *		50 *		34 *	31 *		22 *		20 *
Nivel Max.	50 *	90 *	104 *	74 *	63 *	51 *	41 *		29 *	25 *	35 *	30 *
Día	5	27	27	10	6	1	vv		vv	29	29	27
Hora	7	7	7	7	7	17				7	7	7
Nivel Min.	22 *	42 *	51 *	63 *	45 *	40 *	32 *		22 *	19 *	17 *	17 *
Día	2	13	7	30	23	30	22		26	24	13	7
Hora	17	17	18	17	17	7	17		17	7	17	17
Nivel Medio	40	55	65	68	55	45	36	32	26	22	20	22

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H547 RIRCAY EN P.ALTO SALTANA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	111 *	82 *	124 *	125 *	129 *	98 *	97 *	70 *	64 *	70 *	67 *	108 *
2	110 *	80 *	125 *	129 *	126 *	102 *	95 *	69 *	64 *	64 *	66 *	97 *
3	112 *	160 *	130 *	138 *	121 *	104 *	93 *	70 *	63 *	67 *	65 *	89 *
4	114 *	137 *	128 *	142 *	120 *	107 *	90 *	70 *	64 *	66 *	65 *	84 *
5	113 *	112 *	126 *	148 *	124 *	106 *	88 *	68 *	65 *	66 *	66 *	80 *
6	115 *	100 *	123 *	142 *	119 *	135 *	83 *	67 *	64 *	67 *	66 *	76 *
7	114 *	81 *	120 *	140 *	139 *	118 *	80 *	68 *	63 *	68 *	64 *	75 *
8	117 *	83 *	117 *	151 *	138 *	110 *	85 *	72 *	62 *	71 *	63 *	74 *
9	118 *	80 *	115 *	160 *	133 *	106 *	89 *	70 *	63 *	75 *	67 *	76 *
10	116 *	88 *	113 *	168 *	128 *	102 *	88 *	72 *	64 *	80 *	66 *	79 *
11	115 *	90 *	111 *	161 *	127 *	100 *	92 *	69 *	66 *	85 *	65 *	82 *
12	114 *	91 *	108 *	157 *	137 *	93 *	105 *	68 *	67 *	75 *	65 *	80 *
13	112 *	93 *	105 *	159 *	140 *	103 *	99 *	67 *	66 *	70 *	64 *	90 *
14	110 *	95 *	103 *	155 *	131 *	100 *	90 *	66 *	65 *	66 *	63 *	105 *
15	109 *	97 *	101 *	162 *	128 *	116 *	85 *	65 *	64 *	70 *	82 *	100 *
16	107 *	98 *	100 *	169 *	120 *	112 *	83 *	65 *	63 *	68 *	70 *	95 *
17	105 *	100 *	108 *	170 *	125 *	108 *	80 *	66 *	64 *	66 *	72 *	109 *
18	102 *	103 *	110 *	173 *	130 *	116 *	78 *	65 *	65 *	65 *	122 *	115 *
19	103 *	105 *	115 *	175 *	134 *	113 *	80 *	64 *	64 *	65 *	104 *	170 *
20	100 *	107 *	113 *	185 *	146 *	108 *	78 *	65 *	65 *	66 *	100 *	138 *
21	97 *	108 *	112 *	190 *	130 *	102 *	76 *	64 *	64 *	65 *	96 *	118 *
22	98 *	110 *	109 *	290 *	125 *	143 *	73 *	66 *	64 *	65 *	89 *	126 *
23	96 *	112 *	107 *	200 *	118 *	120 *	72 *	65 *	65 *	68 *	80 *	110 *
24	95 *	114 *	108 *	190 *	114 *	95 *	73 *	64 *	66 *	66 *	77 *	94 *
25	96 *	116 *	100 *	178 *	110 *	120 *	74 *	64 *	65 *	65 *	76 *	118 *
26	94 *	117 *	98 *	160 *	104 *	117 *	72 *	63 *	65 *	65 *	80 *	115 *
27	93 *	119 *	95 *	150 *	105 *	115 *	70 *	64 *	64 *	64 *	86 *	139 *
28	91 *	122 *	90 *	137 *	104 *	108 *	73 *	64 *	66 *	65 *	80 *	160 *
29	89 *		122 *	138 *	111 *	104 *	72 *	63 *	83 *	66 *	135 *	145 *
30	86 *		130 *	132 *	105 *	100 *	70 *	64 *	73 *	67 *	125 *	127 *
31	84 *		128 *		102 *		69 *	65 *		73 *		115 *
Nivel Max.	118 *	160 *	130 *	290 *	146 *	143 *	105 *	72 *	83 *	85 *	135 *	170 *
Día	9	3	vv	22	20	22	12	vv	29	11	29	19
Hora	6	6		6	6	6	6		6	6	6	6
Nivel Min.	84 *	80 *	90 *	125 *	102 *	93 *	69 *	63 *	62 *	64 *	63 *	74 *
Día	31	vv	28	1	31	12	31	vv	8	vv	vv	8
Hora	6		6	6	6	6	6		6			6
Nivel Medio	104	104	113	162	123	109	82	67	65	68	80	106

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H573 SANTA ROSA EN EL VADO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
2	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
3	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
4	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
5	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
6	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
7	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
8	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
9	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
10	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
11	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
12	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
13	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
14	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
15	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
16	47 *	59 *	57 *	50 *	90 *	70 *	75 *	75 *	60 *	58 *	50 *	45 *
17	45 *	75 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
18	45 *	83 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
19	45 *	73 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
20	45 *	63 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
21	45 *	59 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
22	45 *	59 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
23	45 *	59 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
24	45 *	59 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
25	45 *	59 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
26	45 *	59 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
27	45 *	59 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
28	45 *	59 *	57 *	90 *	65 *	70 *	75 *	75 *	58 *	58 *	50 *	45 *
29	45 *		57 *	90 *	65 *	70 *	75 *	75 *	58 *	55 *	50 *	45 *
30	45 *		57 *	90 *	65 *	70 *	75 *	75 *	58 *	55 *	50 *	45 *
31	45 *		57 *		65 *		75 *	75 *		55 *		45 *
Nivel Max.	48 *	90 *	58 *	100 *	100 *	80 *	75 *	75 *	60 *	58 *	50 *	45 *
Día	3	17	7	17	10	3	vv	vv	vv	vv	vv	vv
Hora	7	17	7	7	7	7						
Nivel Min.	44 *	58 *	56 *	50 *	60 *	60 *	75 *	75 *	58 *	55 *	50 *	45 *
Día	26	28	vv	20	20	26	vv	vv	vv	vv	vv	vv
Hora	17	17			17	17						
Nivel Medio	46	61	57	69	78	70	75	75	59	58	50	45

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H574	ARENILLAS EN ARENILLAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	34 *	31 *	32 *	30 *	33 *	35 *	34 *	33 *	35 *	30 *	29 *	33 *
2	34 *	31 *	32 *	30 *	33 *	35 *	34 *	33 *	35 *	30 *	28 *	33 *
3	34 *	31 *	38 *	30 *	33 *	35 *	34 *	33 *	35 *	30 *	23 *	34 *
4	34 *	31 *	38 *	30 *	33 *	35 *	34 *	33 *	35 *	31 *	23 *	34 *
5	34 *	31 *	38 *	30 *	33 *	35 *	34 *	33 *	35 *	31 *	23 *	34 *
6	34 *	31 *	37 *	30 *	33 *	35 *	34 *	33 *	35 *	31 *	23 *	34 *
7	34 *	31 *	37 *	30 *	34 *	35 *	34 *	33 *	34 *	32 *	23 *	34 *
8	34 *	31 *	35 *	30 *	34 *	35 *	34 *	33 *	34 *	32 *	23 *	34 *
9	34 *	31 *	35 *	30 *	34 *	35 *	34 *	33 *	34 *	32 *	24 *	34 *
10	34 *	31 *	34 *	31 *	34 *	35 *	34 *	33 *	34 *	32 *	24 *	34 *
11	34 *	31 *	34 *	31 *	34 *	35 *	34 *	33 *	34 *	32 *	24 *	34 *
12	34 *	31 *	34 *	31 *	34 *	35 *	34 *	33 *	33 *	33 *	25 *	34 *
13	34 *	31 *	33 *	31 *	34 *	35 *	33 *	33 *	33 *	33 *	25 *	34 *
14	33 *	31 *	32 *	31 *	34 *	34 *	33 *	33 *	33 *	33 *	25 *	33 *
15	33 *	31 *	32 *	32 *	34 *	34 *	33 *	33 *	33 *	34 *	26 *	33 *
16	33 *	31 *	31 *	32 *	34 *	34 *	33 *	33 *	33 *	34 *	26 *	33 *
17	33 *	36 *	31 *	32 *	35 *	34 *	33 *	33 *	33 *	34 *	27 *	33 *
18	33 *	36 *	31 *	32 *	35 *	34 *	33 *	33 *	33 *	34 *	27 *	33 *
19	33 *	35 *	31 *	32 *	35 *	34 *	33 *	34 *	33 *	33 *	28 *	33 *
20	32 *	35 *	31 *	32 *	35 *	34 *	33 *	34 *	33 *	32 *	28 *	32 *
21	32 *	34 *	31 *	32 *	35 *	34 *	33 *	34 *	33 *	33 *	29 *	32 *
22	32 *	34 *	30 *	32 *	35 *	34 *	33 *	34 *	33 *	32 *	29 *	31 *
23	32 *	33 *	30 *	32 *	35 *	34 *	33 *	34 *	33 *	32 *	29 *	31 *
24	32 *	33 *	30 *	32 *	35 *	34 *	33 *	35 *	33 *	31 *	30 *	31 *
25	32 *	33 *	30 *	32 *	35 *	34 *	33 *	35 *	33 *	31 *	30 *	31 *
26	32 *	33 *	30 *	32 *	35 *	34 *	33 *	35 *	33 *	31 *	30 *	31 *
27	32 *	33 *	30 *	33 *	35 *	34 *	33 *	35 *	33 *	31 *	30 *	31 *
28	32 *	33 *	30 *	33 *	35 *	34 *	33 *	35 *	33 *	31 *	30 *	32 *
29	31 *		30 *	33 *	35 *	34 *	33 *	35 *	33 *	30 *	31 *	32 *
30	31 *		30 *	33 *	35 *	34 *	33 *	35 *	33 *	30 *	32 *	32 *
31	31 *		30 *		35 *		33 *	36 *		29 *		32 *
Nivel Max.	34 *	36 *	38 *	33 *	35 *	35 *	34 *	36 *	35 *	34 *	32 *	34 *
Día	vv	vv	vv	vv	vv	vv	vv	31	vv	vv	30	vv
Hora								7			17	
Nivel Min.	31 *	31 *	30 *	30 *	33 *	34 *	33 *	33 *	33 *	29 *	0 *	31 *
Día	vv	vv	vv	vv	vv	vv	vv	vv	vv	31	27	vv
Hora										17	7	
Nivel Medio	33	32	32	31	34	34	33	34	34	32	27	33

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H587	PINDO AJ AMARILLO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	35 *	54 *	79	87	69	42	27 *	17 *	10 *	5 *	5 *	20 *
2	34 *	56 *	73	82	68	46	27 *	17 *	10 *	6 *	4 *	18 *
3	33 *	57 *	70	79	65	42	26 *	17 *	9 *	6 *	4 *	14 *
4	32 *	49 *	70	76	65	39	26 *	16 *	9 *	6 *	3 *	11 *
5	31 *	59 *	66	74	65	41	25 *	16 *	9 *	4 *	3 *	10 *
6	30 *	73 *	64	72	62	46	25 *	16 *	9 *	4 *	3 *	9 *
7	29 *	76 *	63	70	61	41	26 *	16 *	8 *	13 *	4 *	9 *
8	29 *	78 *	62	68	58	40	28 *	18 *	8 *	13 *	4 *	9 *
9	28 *	80 *	58	98	55	40	27 *	18 *	9 *	15 *	4 *	9 *
10	28 *	94 *	57	163	61	38	31 *	17 *	9 *	13 *	4 *	8 *
11	25 *	96 *	58	94	62	37	28 *	16 *	9 *	9 *	3 *	8 *
12	27 *	97 *	57	88	54	38	26 *	16 *	8 *	8 *	3 *	9 *
13	26 *	98 *	55	87	58	39	24 *	15 *	8 *	7 *	3 *	28 *
14	25 *	98 *	83	84	55	37	24 *	15 *	8 *	6 *	5 *	31 *
15	39 *	98 *	83	82	53	37	22 *	15 *	8 *	6 *	5 *	46 *
16	37 *	99 *	122	83	51	35	21 *	14 *	8 *	5 *	5 *	33 *
17	35 *	100 *	100	94	50	35	20 *	14 *	8 *	4 *	19 *	26 *
18	37 *	100 *	89	94	54	35	20 *	14 *	8 *	4 *	17 *	25 *
19	41 *	88	82	98	51	33	20 *	14 *	7 *	4 *	14 *	21 *
20	55 *	87	80	84	48	34	20 *	14 *	7 *	4 *	10 *	15 *
21	56 *	89	75	84	59	31 *	20 *	14 *	6 *	5 *	10 *	18 *
22	54 *	83	75	100	52	30 *	20 *	13 *	6 *	6 *	8 *	16 *
23	58 *	76	80	100	55	30 *	20 *	13 *	6 *	6 *	7 *	14 *
24	59 *	71	81	93	47	29 *	19 *	12 *	5 *	7 *	5 *	11 *
25	60 *	67	124	88	42	29 *	19 *	12 *	8 *	7 *	6 *	21 *
26	61 *	70	108	85	46	30 *	18 *	12 *	8 *	7 *	7 *	59 *
27	61 *	87	95	80	44	29 *	18 *	11 *	7 *	20 *	7 *	73 *
28	62 *	100	92	77	44	29 *	17 *	10 *	7 *	20 *	17 *	61 *
29	65 *		84	74	43	28 *	17 *	11 *	6 *	8 *	16 *	52 *
30	66 *		88	72	43	28 *	16 *	10 *	7 *	6 *	25 *	67 *
31	67 *		93		44		16 *	10 *		5 *		48 *
Nivel Max.	67 *	150 *	205	182	87	66 *	31 *	18 *	10 *	20 *	25 *	75 *
Día	31	26	25	10	21	1	10	vv	vv	vv	30	27
Hora	18	7	20	6	19	7	18				7	18
Nivel Min.	22 *	38 *	54	67	42	28 *	16 *	10 *	5 *	3 *	2 *	8 *
Día	14	4	13	8	25	vv	vv	vv	24	19	13	vv
Hora	7	18	4	1	16				18	7	7	
Nivel Medio	43	81	80	87	54	36	22	14	8	8	7	26

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H588	AMARILLO EN PORTOVELO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	91 *	126 *	115 *	121 *	91 *	67 *	58 *	57 *	50 *	40 *	40 *	
2	90 *	114 *	110 *	114 *	92 *	65 *	57 *	56 *	50 *	40 *	40 *	
3	87 *	104 *	107 *	110 *	90 *	65 *	57 *	54 *	50 *	40 *	40 *	
4	82 *	102 *	106 *	107 *	90 *	65 *	57 *	54 *	50 *	40 *	46 *	
5	75 *	99 *	105 *	100 *	94 *	65 *	57 *	54 *	50 *	40 *	47 *	
6	71 *	97 *	105 *	100 *	92 *	65 *	62 *	54 *	49 *	40 *	47 *	
7	70 *	95 *	100 *	100 *	91 *	65 *	60 *	54 *	48 *	40 *	46 *	
8	68 *	95 *	95 *	103 *	93 *	65 *	60 *	54 *	45 *	40 *	45 *	
9	65 *	95 *	91 *	110 *	99 *	65 *	60 *	54 *	45 *	40 *	45 *	
10	65 *	95 *	86 *	129 *	99 *	64 *	60 *	54 *	45 *	40 *	45 *	
11	69 *	95 *	85 *	125 *	95 *	62 *	60 *	54 *	45 *	40 *	45 *	
12	77 *	95 *	81 *	131 *	95 *	62 *	60 *	54 *	45 *	40 *	45 *	
13	108 *	96 *	80 *	116 *	94 *	62 *	60 *	54 *	45 *	40 *	45 *	
14	97 *	99 *	81 *	114 *	90 *	62 *	60 *	54 *	45 *	40 *	45 *	
15	93 *	125 *	101 *	111 *	90 *	62 *	60 *	54 *	45 *	40 *	45 *	
16	90 *	120 *	123 *	115 *	87 *	62 *	60 *	54 *	45 *	40 *	45 *	
17	93 *	115 *	112 *	116 *	85 *	62 *	60 *	54 *	45 *	40 *	45 *	
18	95 *	114 *	104 *	123 *	80 *	62 *	60 *	54 *	45 *	40 *	45 *	
19	104 *	126 *	105 *	125 *	77 *	60 *	59 *	54 *	45 *	40 *	45 *	
20	109 *	126 *	101 *	137 *	75 *	60 *	59 *	54 *	45 *	40 *	45 *	
21	101 *	122 *	100 *	156 *	75 *	60 *	59 *	54 *	45 *	40 *	45 *	
22	96 *	119 *	112 *	145 *	72 *	60 *	59 *	54 *	43 *	40 *	45 *	
23	95 *	117 *	114 *	136 *	72 *	60 *	59 *	54 *	40 *	40 *	45 *	
24	101 *	115 *	106 *	123 *	72 *	60 *	59 *	54 *	40 *	40 *	45 *	
25	106 *	115 *	104 *	119 *	72 *	60 *	58 *	54 *	40 *	40 *	45 *	
26	101 *	115 *	119 *	114 *	70 *	60 *	57 *	54 *	40 *	40 *	53 *	
27	96 *	115 *	114 *	103 *	70 *	60 *	57 *	54 *	40 *	40 *	63 *	
28	88 *	115 *	110 *	100 *	70 *	60 *	57 *	52 *	40 *	40 *	68 *	
29	85 *		107 *	100 *	70 *	60 *	57 *	52 *	40 *	40 *	75 *	
30	85 *		105 *	93 *	70 *	59 *	57 *	50 *	40 *	40 *	80 *	
31	112 *		120 *		69 *		57 *	50 *		40 *		
Nivel Max.	135 *	127 *	132 *	177 *	102 *	69 *	62 *	57 *	50 *	40 *	80 *	
Día	31	1	26	21	9	1	6	1	vv	vv	30	
Hora	18	8	18	18	18	8	8	8			8	
Nivel Mín.	65 *	95 *	70 *	90 *	69 *	59 *	57 *	50 *	40 *	40 *	40 *	
Día	vv	vv	14	30	31	30	vv	vv	vv	vv	vv	
Hora			18	18	18	18						
Nivel Medio	89	109	103	116	83	62	59	54	45	40	48	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H589	PUYANGO AJ MARCABELI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	122 *	145 *	144 *	152 *	143 *	122 *	104 *	90 *	86 *	79 *	77 *	
2	122 *	140 *	143 *	161 *	141 *	120 *	103 *	90 *	86 *	80 *	76 *	
3	121 *	136 *	144 *	159 *	140 *	119 *	101 *	91 *	86 *	79 *	75 *	
4	122 *	134 *	143 *	159 *	150 *	117 *	101 *	90 *	86 *	80 *	74 *	
5	125 *	131 *	144 *	156 *	148 *	116 *	102 *	89 *	86 *	79 *	73 *	
6	126 *	128 *	142 *	152 *	140 *	116 *	102 *	90 *	85 *	79 *	72 *	
7	119 *	131 *	141 *	149 *	138 *	115 *	101 *	89 *	85 *	78 *	73 *	
8	111 *	130 *	141 *	141 *	138 *	114 *	100 *	89 *	86 *	78 *	73 *	
9	107 *	132 *	140 *	145 *	137 *	114 *	100 *	89 *	85 *	79 *	73 *	
10	106 *	134 *	140 *	208 *	136 *	113 *	101 *	88 *	85 *	79 *	72 *	
11	105 *	133 *	139 *	177 *	135 *	113 *	100 *	88 *	86 *	79 *	72 *	
12	103 *	130 *	139 *	168 *	134 *	113 *	100 *	88 *	85 *	80 *	72 *	
13	106 *	130 *	142 *	161 *	134 *	113 *	99 *	87 *	85 *	80 *	72 *	
14	106 *	139 *	141 *	161 *	134 *	112 *	99 *	87 *	85 *	79 *	72 *	
15	110 *	144 *	145 *	160 *	133 *	112 *	98 *	87 *	85 *	79 *	73 *	
16	125 *	146 *	142 *	158 *	133 *	112 *	98 *	87 *	84 *	78 *	72 *	
17	123 *	152 *	141 *	157 *	132 *	113 *	97 *	87 *	84 *	78 *	71 *	
18	123 *	153 *	140 *	163 *	131 *	113 *	97 *	86 *	84 *	77 *	72 *	
19	119 *	157 *	140 *	164 *	131 *	112 *	97 *	86 *	83 *	77 *	73 *	
20	117 *	149 *	139 *	163 *	131 *	112 *	96 *	86 *	83 *	76 *	78 *	
21	115 *	148 *	138 *	162 *	130 *	111 *	96 *	85 *	83 *	76 *	77 *	
22	114 *	149 *	137 *	173 *	130 *	111 *	95 *	85 *	83 *	77 *	78 *	
23	117 *	144 *	137 *	172 *	131 *	110 *	95 *	86 *	82 *	79 *	76 *	
24	122 *	143 *	161 *	169 *	131 *	110 *	94 *	85 *	82 *	79 *	77 *	
25	130 *	141 *	157 *	167 *	130 *	109 *	94 *	85 *	82 *	80 *	79 *	
26	127 *	144 *	158 *	164 *	130 *	108 *	94 *	87 *	80 *	81 *	78 *	
27	122 *	143 *	150 *	161 *	129 *	107 *	93 *	87 *	79 *	93 *	79 *	
28	125 *	142 *	149 *	152 *	129 *	107 *	92 *	87 *	79 *	80 *	80 *	
29	125 *		149 *	147 *	129 *	106 *	92 *	86 *	80 *	80 *	86 *	
30	120 *		148 *	144 *	127 *	106 *	91 *	86 *	79 *	77 *	96 *	
31	129 *		147 *		125 *		0 *	0 *		0 *		
Nivel Max.	135 *	160 *	162 *	220 *	151 *	122 *	104 *	91 *	86 *	97 *	98 *	
Día	31	19	24	10	4	1	1	3	vv	27	30	
Hora	7	7	7	7	7	7	7	7		7	7	
Nivel Mín.	102 *	127 *	136 *	139 *	124 *	105 *	90 *	84 *	78 *	75 *	71 *	
Día	12	6	23	8	31	30	24	27	21	14		
Hora	17	17	17	17	17	17	17	17	17	17		
Nivel Medio	118	140	144	161	134	112	94	84	83	76	75	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H590	MARCABELI AJ PUYANGO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	58 *	70 *	67 *	67 *	67 *	60 *	55 *	54 *	53 *	52 *	52 *	52 *
2	58 *	70 *	67 *	67 *	67 *	60 *	55 *	54 *	53 *	52 *	51 *	52 *
3	58 *	69 *	68 *	66 *	66 *	60 *	55 *	55 *	53 *	52 *	51 *	52 *
4	58 *	69 *	67 *	66 *	67 *	59 *	55 *	54 *	55 *	52 *	51 *	52 *
5	58 *	69 *	66 *	66 *	66 *	59 *	55 *	54 *	53 *	52 *	50 *	52 *
6	59 *	68 *	65 *	65 *	66 *	59 *	55 *	54 *	54 *	52 *	51 *	52 *
7	58 *	68 *	65 *	65 *	67 *	60 *	55 *	54 *	53 *	52 *	51 *	52 *
8	58 *	68 *	65 *	65 *	67 *	60 *	55 *	54 *	53 *	52 *	51 *	52 *
9	59 *	67 *	64 *	65 *	67 *	59 *	55 *	54 *	52 *	52 *	51 *	51 *
10	59 *	67 *	64 *	80 *	67 *	59 *	55 *	54 *	53 *	52 *	50 *	51 *
11	58 *	67 *	64 *	71 *	66 *	59 *	55 *	54 *	55 *	52 *	50 *	51 *
12	57 *	66 *	66 *	69 *	66 *	58 *	55 *	54 *	53 *	52 *	50 *	51 *
13	61 *	67 *	65 *	69 *	65 *	58 *	55 *	54 *	52 *	52 *	50 *	51 *
14	62 *	68 *	66 *	69 *	65 *	58 *	55 *	54 *	53 *	52 *	50 *	51 *
15	62 *	67 *	65 *	70 *	65 *	59 *	55 *	53 *	52 *	52 *	50 *	51 *
16	64 *	68 *	64 *	70 *	64 *	59 *	54 *	53 *	52 *	52 *	50 *	51 *
17	65 *	68 *	62 *	69 *	64 *	59 *	55 *	53 *	54 *	52 *	50 *	51 *
18	65 *	74 *	62 *	68 *	65 *	58 *	55 *	53 *	53 *	52 *	50 *	51 *
19	65 *	70 *	61 *	76 *	64 *	58 *	54 *	53 *	52 *	52 *	50 *	51 *
20	65 *	69 *	61 *	74 *	64 *	58 *	54 *	53 *	52 *	52 *	51 *	51 *
21	65 *	68 *	61 *	71 *	63 *	58 *	54 *	54 *	52 *	52 *	51 *	51 *
22	65 *	68 *	61 *	70 *	63 *	58 *	55 *	54 *	54 *	52 *	52 *	51 *
23	64 *	67 *	60 *	70 *	62 *	57 *	55 *	53 *	53 *	52 *	52 *	51 *
24	63 *	67 *	69 *	71 *	63 *	57 *	55 *	53 *	52 *	52 *	52 *	51 *
25	64 *	67 *	71 *	70 *	62 *	57 *	54 *	53 *	54 *	52 *	52 *	51 *
26	66 *	67 *	68 *	69 *	62 *	57 *	54 *	53 *	53 *	53 *	52 *	51 *
27	66 *	68 *	68 *	69 *	61 *	57 *	54 *	53 *	53 *	53 *	52 *	51 *
28	66 *	68 *	68 *	68 *	61 *	56 *	54 *	53 *	53 *	53 *	52 *	52 *
29	67 *		67 *	68 *	61 *	56 *	54 *	53 *	53 *	53 *	53 *	52 *
30	67 *		67 *	68 *	60 *	56 *	54 *	53 *	53 *	52 *	54 *	53 *
31	68 *		66 *		60 *							53 *
Nivel Max.	69 *	75 *	72 *	85 *	68 *	60 *			55 *		54 *	53 *
Día	31	18	25	10	8	vv			vv		30	vv
Hora	7	7	7	7	7						7	
Nivel Min.	56 *	66 *	59 *	64 *	60 *	55 *			52 *		50 *	50 *
Día	12	10	23	8	vv	29			vv		vv	20
Hora	17	17	17	17		17						17
Nivel Medio	62	68	65	69	64	58	54	53	53	52	51	51

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H591	PUYANGO EN CPTO.MILITAR (PTE.CARRETERA)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	89 *	138 *	178 *	167 *	141 *	87 *	61 *	40 *	29 *	23 *	21 *	42 *
2	79 *	171 *	159 *	159 *	135 *	89 *	59 *	40 *	29 *	22 *	19 *	32 *
3	76 *	134 *	156 *	152 *	133 *	86 *	59 *	42 *	29 *	21 *	18 *	29 *
4	72 *	124 *	153 *	148 *	128 *	82 *	59 *	41 *	28 *	21 *	17 *	27 *
5	74 *	115 *	143 *	142 *	128 *	82 *	59 *	40 *	27 *	21 *	16 *	24 *
6	74 *	115 *	138 *	138 *	132 *	89 *	58 *	39 *	27 *	22 *	16 *	22 *
7	66 *	104 *	129 *	132 *	126 *	82 *	58 *	40 *	27 *	21 *	16 *	21 *
8	73 *	122 *	122 *	134 *	129 *	81 *	58 *	38 *	27 *	22 *	15 *	20 *
9	65 *	133 *	119 *	143 *	122 *	80 *	59 *	41 *	27 *	21 *	17 *	22 *
10	63 *	119 *	113 *	233 *	118 *	78 *	57 *	40 *	26 *	29 *	16 *	22 *
11	60 *	108 *	112 *	219 *	116 *	76 *	58 *	39 *	26 *	26 *	16 *	22 *
12	63 *	114 *	108 *	184 *	112 *	75 *	56 *	38 *	27 *	22 *	16 *	25 *
13	69 *	114 *	108 *	173 *	114 *	75 *	55 *	37 *	26 *	22 *	15 *	59 *
14	62 *	122 *	135 *	163 *	106 *	73 *	51 *	36 *	26 *	21 *	15 *	39 *
15	117 *	164 *	188 *	162 *	108 *	75 *	53 *	35 *	26 *	21 *	17 *	85 *
16	103 *	159 *	232 *	156 *		73 *	50 *	35 *	25 *	21 *	18 *	61 *
17	105 *	161 *	190 *	173 *		73 *	50 *	34 *	25 *	20 *	16 *	46 *
18	89 *	140 *	167 *	185 *		72 *	50 *	35 *	24 *	19 *	24 *	41 *
19	102 *	158 *	148 *	180 *		71 *	49 *	35 *	23 *	19 *	22 *	37 *
20	138 *	157 *	152 *	191 *		69 *	48 *	33 *	24 *	19 *	23 *	37 *
21	115 *	163 *	140 *	200 *		61 *	48 *	33 *	24 *	20 *	21 *	37 *
22	108 *	149 *	169 *	201 *		66 *	46 *	33 *	23 *	21 *	23 *	33 *
23	112 *	135 *	113 *	203 *		69 *	46 *	33 *	24 *	20 *	21 *	34 *
24	96 *	134 *	167 *	186 *		67 *	46 *	33 *	23 *	20 *	19 *	33 *
25	110 *	132 *	179 *	189 *		68 *	46 *	33 *	24 *	20 *	17 *	38 *
26	93 *	129 *	212 *	174 *		67 *	46 *	31 *	24 *	32 *	19 *	49 *
27	89 *	178 *	207 *	167 *		68 *	45 *	32 *	23 *	32 *	17 *	93 *
28	88 *	246 *	176 *	159 *		65 *	44 *	31 *	23 *	29 *	19 *	148 *
29	91 *		164 *	152 *		63 *	43 *	35 *	24 *	24 *	25 *	96 *
30	93 *		171 *	147 *		63 *	42 *	35 *	25 *	24 *	55 *	63 *
31	112 *		185 *				41 *	35 *		23 *		63 *
Nivel Max.	149 *	271 *	251 *	243 *		91 *	61 *	42 *	29 *	43 *	67 *	161 *
Día	20	28	16	10		6	1	3	vv	26	30	28
Hora	7	7	7	7		7	7	18		7	18	6
Nivel Min.	58 *	99 *	106 *	130 *		60 *	41 *	30 *	23 *	18 *	13 *	19 *
Día	11	8	12	8		21	31	30	vv	20	8	8
Hora	18	7	17	18		18	18	18		18	18	17
Nivel Medio	88	140	156	170		74	51	36	25	22	19	45

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H616 ALAMOR EN SAUCILLO(DJ CELICA)												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	96	109 *	130 *	132 *	104 *	93 *			78 *	74 *	90 *	72
2	97	143 *		115 *	104 *	94 *			78 *	74 *	90 *	72
3	97	110 *	112 *	110 *	103 *	93 *			78 *	75 *	88 *	72
4	96	111 *	109 *	108 *	102 *	93 *			78 *	75 *	88 *	72
5	96	100 *	105 *	106 *	102 *	92 *			78 *	75 *	88 *	72
6	96	99 *		105 *	101 *	92 *			77 *	73 *	87 *	72
7	96	98 *	102 *	103 *	101 *	93 *			77 *	75 *	87 *	72
8	96	99 *	100 *	103 *	101 *	93 *			77 *	74 *	85 *	72
9	96	117 *	99 *	114 *	101 *	92 *			77 *	74 *	85 *	72
10	96	100 *	99 *	133 *	100 *	92 *			77 *	74 *	85 *	72
11	96	100 *	97 *	154 *	100 *	92 *			77 *	74 *	85 *	72
12	96	99 *	98 *	116 *	99 *	89 *			78 *	74 *		72
13	96	99 *	98 *	113 *	99 *	89 *			77 *	74 *	87 *	72
14	96	99 *	97 *	116 *	99 *	90 *			76 *	74 *	92 *	72
15	96	110 *	141 *	110 *	98 *	90 *			76 *	73 *	90 *	72
16	96	109 *	165 *	108 *	98 *	90 *			76 *	73 *	88 *	76
17	96	108 *	127 *	108 *	98 *	90 *			76 *	73 *	87 *	76
18	96	104 *	117 *	123 *	97 *				76 *	73 *	87 *	76
19	96	103 *	114 *	115 *	98 *	88 *			76 *	73 *	87 *	74
20	96	109 *	112 *	111 *	97 *	88 *			76 *	73 *	87 *	73
21	96	131 *	108 *	115 *	96 *	87 *			75 *	73 *	87 *	73
22	96	111 *	106 *	110 *	94 *	88 *			75 *	73 *	87 *	73
23	96		105 *	108 *	96 *	88 *			75 *	73 *	87 *	72
24	96			108 *	95 *	88 *			74 *	73 *	87 *	72
25	96			108 *	95 *				74 *	73 *	87 *	72
26	96	99 *	117 *	107 *	95 *	87 *			74 *	72 *	87 *	81
27	96	101 *	117 *	107 *	95 *	87 *			74 *	72 *	87 *	97
28	96	209 *	112 *	105 *	94 *	86 *			74 *	72 *	87 *	91
29	96		108 *	105 *	94 *	86 *			74 *	72 *	87 *	85
30	96		106 *	104 *	92 *	87 *			74 *	72 *	88 *	81
31	96		123 *		92 *					72 *		80
Nivel Max.	97			154 *	104 *				78 *	75 *		118
Día	vv			11	vv				vv	vv		27
Hora				7								13
Nivel Min.	96			103 *	90 *				74 *	71 *		72
Día	vv			vv	22				vv	6		vv
Hora					18					7		
Nivel Medio	96	111	112	112	98	90			76	73	87	75

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H621 JORUPE EN AMALUZA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	10 *	21 *	18 *	22 *	19 *	22 *	12 *	10 *	10 *	10 *	10 *	12 *
2	10 *	17 *	15 *	14 *	19 *	21 *	15 *	10 *	10 *	10 *	10 *	10 *
3	10 *	20 *	15 *	12 *	15 *	15 *	36 *	10 *	10 *	10 *	10 *	7 *
4	10 *	38 *	20 *	12 *	14 *	13 *	22 *	10 *	10 *	10 *	10 *	3 *
5	10 *	35 *	18 *	22 *	10 *	15 *	13 *	10 *	10 *	10 *	10 *	0 *
6	17 *	31 *	21 *	33 *	53 *	10 *	11 *	10 *	10 *	10 *	10 *	0 *
7	22 *	31 *	17 *	22 *	42 *	10 *	10 *	10 *	10 *	10 *	10 *	0 *
8	28 *	21 *	15 *	17 *	34 *	10 *	11 *	10 *	10 *	10 *	10 *	0 *
9	22 *	19 *	14 *	67 *	24 *	10 *	15 *	10 *	10 *	10 *	10 *	0 *
10	15 *	19 *	14 *	47 *	19 *	10 *	30 *	10 *	10 *	10 *	10 *	0 *
11	13 *	26 *	10 *	31 *	30 *	10 *	54 *	10 *	10 *	10 *	10 *	4 *
12	10 *	19 *	24 *	43 *	63 *	10 *	27 *	10 *	10 *	10 *	10 *	12 *
13	10 *	22 *	22 *	33 *	73 *	14 *	18 *	10 *	10 *	10 *	10 *	24 *
14	17 *	17 *	17 *	22 *	58 *	21 *	11 *	10 *	10 *	10 *	10 *	30 *
15	18 *	17 *	23 *	18 *	58 *	14 *	10 *	10 *	10 *	10 *	10 *	26 *
16	20 *	13 *	32 *	16 *	49 *	12 *	10 *	10 *	10 *	10 *	14 *	22 *
17	16 *	10 *	31 *	20 *	53 *	10 *	10 *	10 *	10 *	10 *	18 *	22 *
18	17 *	10 *	20 *	29 *	64 *	12 *	10 *	10 *	10 *	10 *	11 *	26 *
19	28 *	12 *	17 *	26 *	45 *	18 *	10 *	10 *	10 *	10 *	10 *	21 *
20	43 *	29 *	14 *	23 *	29 *	22 *	10 *	10 *	10 *	10 *	10 *	17 *
21	19 *	28 *	12 *	21 *	22 *	49 *	10 *	10 *	10 *	10 *	17 *	15 *
22	15 *	19 *	10 *	23 *	19 *	31 *	10 *	10 *	10 *	10 *	10 *	11 *
23	10 *	11 *	10 *	23 *	17 *	18 *	10 *	10 *	10 *	10 *	10 *	8 *
24	10 *	10 *	40 *	52 *	17 *	28 *	10 *	10 *	10 *	10 *	10 *	26 *
25	12 *	10 *	49 *	25 *	17 *	55 *	17 *	12 *	10 *	10 *	10 *	24 *
26	16 *	10 *	38 *	26 *	15 *	27 *	14 *	18 *	10 *	10 *	10 *	19 *
27	11 *	22 *	22 *	19 *	15 *	17 *	12 *	11 *	10 *	10 *	10 *	32 *
28	10 *	30 *	20 *	18 *	18 *	18 *	10 *	10 *	10 *	10 *	10 *	37 *
29	12 *		19 *	15 *	23 *	17 *	10 *	10 *	10 *	10 *	16 *	21 *
30	28 *		22 *	16 *	17 *	14 *	10 *	10 *	10 *	10 *	19 *	15 *
31	31 *		53 *		20 *		10 *	10 *		10 *		14 *
Nivel Max.	50 *	45 *	70 *	78 *	80 *	70 *	60 *	20 *	10 *	10 *	22 *	38 *
Día	20	4	24	9	13	25	11	26	vv	vv	30	28
Hora	7	17	17	7	7	7	17	7			7	17
Nivel Min.	10 *	10 *	10 *	12 *	10 *	10 *	10 *	10 *	10 *	10 *	10 *	0 *
Día	vv	vv	vv	vv	5	vv	vv	vv	vv	vv	vv	vv
Hora					17							
Nivel Medio	17	20	22	25	31	18	15	10	10	10	11	15

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H625	ALAMOR EN PTE.MERCADILLO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	10 *	8 *	40 *	35 *	27 *	19 *	15 *	12 *	9 *			
2	10 *	8 *	40 *	35 *	26 *	19 *	15 *	12 *	9 *			
3	10 *	8 *	40 *	35 *	26 *	19 *	15 *	12 *	9 *			
4	18 *	39 *	40 *	34 *	25 *	19 *	15 *	11 *	9 *			
5	12 *	35 *	70 *	34 *	25 *	19 *	15 *	11 *	9 *			
6	20 *	14 *	48 *	34 *	24 *	18 *	15 *	11 *	8 *			
7	12 *	14 *	43 *	34 *	24 *	18 *	15 *	11 *	8 *			
8	11 *	14 *	40 *	34 *	23 *	18 *	15 *	11 *	8 *			
9	11 *	13 *	40 *	33 *	23 *	18 *	15 *	11 *	8 *			
10	11 *	13 *	39 *	33 *	23 *	17 *	15 *	10 *	8 *			
11	11 *	67 *	39 *	33 *	22 *	17 *	15 *	10 *	8 *			4 *
12	11 *	28 *	38 *	33 *	22 *	17 *	15 *	10 *	8 *			4 *
13	10 *	25 *	38 *	32 *	22 *	17 *	15 *	10 *	8 *			4 *
14	10 *	24 *	38 *	32 *	21 *	17 *	15 *	10 *	8 *			4 *
15	10 *	21 *	38 *	32 *	21 *	17 *	15 *	10 *	8 *			4 *
16	10 *	20 *	37 *	32 *	21 *	17 *	14 *	10 *	8 *			4 *
17	10 *	20 *	37 *	32 *	20 *	16 *	14 *	10 *	8 *			3 *
18	10 *	40 *	37 *	31 *	19 *	16 *	14 *	10 *	7 *			3 *
19	10 *	35 *	37 *	31 *	18 *	16 *	14 *	10 *	7 *			3 *
20	9 *	34 *	135 *	31 *	17 *	16 *	14 *	10 *	7 *			3 *
21	9 *	34 *	60 *	30 *	18 *	16 *	14 *	10 *	7 *			3 *
22	9 *	33 *	60 *	30 *	17 *	16 *	13 *	10 *	7 *			3 *
23	9 *	32 *	60 *	30 *	17 *	16 *	13 *	10 *	7 *			3 *
24	9 *	30 *	59 *	30 *	16 *	16 *	13 *	10 *	7 *			3 *
25	9 *	30 *	59 *	29 *	16 *	16 *	13 *	9 *	7 *			3 *
26	9 *	100 *	59 *	29 *	15 *	15 *	13 *	9 *	6 *			3 *
27	9 *	40 *	58 *	29 *	15 *	15 *	13 *	9 *	6 *			2 *
28	9 *	40 *	57 *	28 *	14 *	15 *	13 *	9 *	6 *			2 *
29	8 *		56 *	28 *	17 *	15 *	12 *	9 *	6 *			2 *
30	8 *		45 *	28 *	20 *	15 *	12 *	9 *	6 *			2 *
31	8 *		44 *		19 *		12 *	9 *				2 *
Nivel Max.	25 *	150 *	200 *	35 *	27 *	19 *	15 *	12 *	9 *			
Día	4	26	20	vv	1	vv	vv	vv	vv			
Hora	18	18	18		6							
Nivel Min.	8 *	8 *	33 *	28 *	14 *	15 *	12 *	9 *	6 *			
Día	vv	vv	31	vv	27	vv	vv	vv	vv			
Hora			18		18							
Nivel Medio	10	29	49	32	20	17	14	10	7			3

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H627	UCHIMA AJ CHAMBA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	71 *	88 *	58 *	93 *	93 *	103 *	77 *	60 *	70 *	55 *	63 *	66 *
2	70 *	93 *	105 *	82 *	93 *	95 *	83 *	63 *	63 *	52 *	61 *	64 *
3	67 *	110 *	98 *	80 *	91 *	101 *	73 *	62 *	58 *	63 *	59 *	61 *
4	67 *	103 *	100 *	77 *	81 *	100 *	68 *	73 *	50 *	55 *	58 *	58 *
5	88 *	94 *	105 *	85 *	68 *	88 *	60 *	70 *	45 *	55 *	56 *	56 *
6	98 *	88 *	105 *	90 *	95 *	77 *	55 *	64 *	48 *	56 *	55 *	55 *
7	93 *	80 *	93 *	86 *	95 *	83 *	55 *	60 *	45 *	63 *	61 *	53 *
8	93 *	83 *	84 *	105 *	86 *	98 *	71 *	66 *	41 *	83 *	67 *	52 *
9	95 *	77 *	80 *	102 *	78 *	88 *	60 *	74 *	38 *	68 *	66 *	51 *
10	115 *	78 *	88 *	93 *	69 *	70 *	93 *	69 *	36 *	59 *	57 *	51 *
11	95 *	72 *	80 *	88 *	74 *	67 *	115 *	70 *	64 *	58 *	56 *	51 *
12	83 *	70 *	93 *	83 *	105 *	62 *	105 *	59 *	67 *	73 *	56 *	53 *
13	72 *	70 *	90 *	78 *	103 *	60 *	80 *	56 *	65 *	65 *	56 *	67 *
14	63 *	67 *	88 *	75 *	108 *	78 *	68 *	54 *	62 *	64 *	56 *	67 *
15	60 *	61 *	93 *	78 *	100 *	69 *	60 *	52 *	51 *	60 *	57 *	67 *
16	60 *	60 *	83 *	78 *	104 *	63 *	60 *	50 *	48 *	59 *	57 *	112 *
17	60 *	58 *	81 *	83 *	108 *	58 *	58 *	50 *	53 *	58 *	61 *	125 *
18	60 *	58 *	80 *	80 *	111 *	59 *	68 *	50 *	63 *	56 *	64 *	110 *
19	95 *	53 *	84 *	75 *	103 *	63 *	65 *	50 *	57 *	51 *	96 *	85 *
20	73 *	60 *	80 *	74 *	85 *	108 *	65 *	49 *	51 *	51 *	75 *	74 *
21	67 *	60 *	77 *	73 *	80 *	100 *	59 *	50 *	52 *	59 *	74 *	75 *
22	61 *	63 *	70 *	74 *	71 *	80 *	60 *	53 *	63 *	57 *	71 *	77 *
23	60 *	64 *	60 *	82 *	64 *	68 *	78 *	60 *	65 *	52 *	67 *	90 *
24	58 *	61 *	63 *	87 *	60 *	103 *	83 *	73 *	66 *	50 *	58 *	110 *
25	56 *	60 *	73 *	100 *	58 *	115 *	77 *	80 *	69 *	49 *	77 *	98 *
26	56 *	59 *	79 *	98 *	60 *	105 *	70 *	78 *	63 *	49 *	75 *	79 *
27	56 *	58 *	73 *	91 *	65 *	108 *	63 *	75 *	60 *	100 *	73 *	82 *
28	59 *	58 *	75 *	85 *	81 *	88 *	73 *	80 *	59 *	78 *	68 *	73 *
29	88 *		79 *	78 *	103 *	79 *	60 *	78 *	55 *	80 *	68 *	72 *
30	115 *		73 *	82 *	108 *	75 *	60 *	70 *	57 *	76 *	67 *	71 *
31	93 *		110 *		103 *		70 *	60 *		69 *		85 *
Nivel Max.	120 *	120 *	120 *	110 *	112 *	115 *	120 *	80 *	70 *	110 *	125 *	130 *
Día	10	3	31	8	18	25	11	vv	1	27	19	17
Hora	7	17	7	17	17	7	17		7	7	17	7
Nivel Min.	56 *	50 *	20 *	70 *	55 *	57 *	55 *	49 *	35 *	48 *	54 *	50 *
Día	vv	19	1	22	25	17	vv	20	9	25	7	12
Hora		17	17	7	17	17		17	17	17	7	7
Nivel Medio	76	72	84	84	87	83	70	63	56	62	64	74

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H718 QUIJOS EN BAEZA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	80 *	86 *	112		103 *	99 *	108 *	119 *	66 *	83	97	96
2	82 *	78 *	109		76 *	94 *	114 *	113 *	63 *	87	74	81
3	85 *	76 *	109		67 *	89 *	114 *	105 *	60 *	81	66	83
4	90 *	77 *	113		63 *	85 *	111 *	101 *	58 *	80	59	77
5	88 *	79 *	110		64 *	84 *	117 *	101 *	56 *	80	55	66
6	86 *	80 *	104		225 *	91 *	115 *	99 *	53 *	83	55	61
7	86 *	82 *	99		135 *	108 *	97 *	94 *	52 *	72	60	61
8	85 *	85 *	92		121 *	107 *	128 *	84 *	51 *	77	90	64
9	84 *	88 *	91		108 *	93 *	105 *	75 *	51 *	76	79	62
10	86 *	90 *	90		98 *	86 *	101 *	78 *	56 *	71	69	60
11	85 *	92 *	89	65 *	97 *	66 *	107 *	108 *	111 *	67	74	53
12	84 *	88 *	79	83 *	103 *	81 *	138 *	98 *	108 *	69	75	52
13	90 *	87 *	79	105 *	119 *	81 *	142 *	94 *	103 *	85	68	55
14	92 *	86 *	72	93 *	110 *	86 *	113 *	88 *	97 *	100	66	59
15	90 *	90 *	72	70 *	123 *	93 *	103 *	90 *	89 *	81	65	60
16	88 *	92 *	69	71 *	148 *	100 *	97 *	97 *	81 *	74	64	72
17	94 *	94 *	66	65 *	138 *	103 *	108 *	95 *	76 *	68	65	71
18	96 *	93 *	63	60 *	135 *	106 *	112 *	97 *	86 *	65	57	107
19	100 *	95 *	63	60 *	161 *	104 *	112 *	94 *	87 *	64	56	137
20	97 *	80 *	62	86 *	164 *	168 *	101 *	87 *	79 *	76	59	89
21	92 *	92 *	63	75 *	166 *	128 *	103 *	82 *	69 *	118	64	114
22	90 *	88 *	60	76 *	159 *	121 *	97 *	76 *	76 *	96	78	106
23	88 *	86 *	59	77 *	125 *	117 *	113 *	79 *	81 *	89	68	101
24	85 *	90 *	65	91 *	114 *	111 *	114 *	84 *	79 *	109	62	108
25	90 *	92 *	60	95 *	108 *	110 *	116 *	83 *	74 *	108	61	101
26	92 *	90 *	65	98 *	98 *	113 *	158 *	79 *	73 *	100	63	111
27	87 *	88 *	65	99 *	117 *	116 *	128 *	74 *	75 *	98	77	97
28	85 *	133	76	95 *	119 *	111 *	115 *	72 *	75 *	99	80	95
29	84 *		68	90 *	105 *	130 *	103 *	75 *	77 *	106	77	84
30	80 *		62	90 *	106 *	139 *	116 *	71 *	71 *	105	74	83
31	89 *		64		104 *		203 *	71 *		99		84
Nivel Max.	100 *	137	121		228 *	170 *	205 *	120 *	112 *	165	112	163
Día	19	28	4		6	20	31	1	11	21	8	19
Hora	5	14	22		18	18	8	8	18	14	17	11
Nivel Min.	80 *	76 *	58		62 *	65 *	95 *	70 *	50 *	62	52	50
Día	vv	3	25		4	11	16	31	9	19	6	11
Hora		5	20		18	18	8	8	8	17	14	9
Nivel Medio	88	88	79	82	118	104	116	89	74	86	69	82

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H719 QUIJOS DJ OYACACHI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		105 *	131 *	62 *	135 *	107 *	136 *	150 *	58 *	118 *	50 *	173 *
2		76 *	96 *	63 *	108 *	98 *	118 *	119 *	53 *	96 *	47 *	88 *
3		93 *	122 *	58 *	84 *	88 *	190 *	103 *	52 *	86 *	40 *	68 *
4	32 *	95 *	195 *	63 *	75 *	78 *	142 *	93 *	65 *	117 *	38 *	55 *
5	41 *	88 *	175 *	81 *	70 *	115 *	120 *	91 *	70 *	93 *	48 *	44 *
6	47 *	143 *	134 *	80 *	333 *	99 *	102 *	85 *	86 *	79 *	54 *	39 *
7	54 *	121 *	108 *	83 *	255 *	89 *	94 *	85 *	81 *	74 *	68 *	54 *
8	42 *	133 *	93 *	81 *	173 *	77 *	95 *	79 *	68 *	73 *	125 *	46 *
9	50 *	108 *	82 *	70 *	137 *	60 *	118 *	80 *	56 *	69 *	95 *	33 *
10	83 *	125 *	90 *	62 *	118 *	63 *	135 *	128 *	86 *	64 *	68 *	24 *
11	55 *	98 *	125 *	58 *	131 *	85 *	195 *	153 *	145 *	59 *	61 *	20 *
12	47 *	75 *	133 *	129 *	165 *	72 *	190 *	100 *	110 *	65 *	58 *	20 *
13	41 *	80 *	119 *	160 *	210 *	126 *	170 *	88 *	96 *	160 *	53 *	20 *
14	33 *	57 *	97 *	130 *	145 *	111 *	116 *	78 *	85 *	205 *	95 *	20 *
15	30 *	45 *	88 *	111 *	144 *	100 *	79 *	150 *	78 *	170 *	84 *	77 *
16		32 *	80 *	82 *	248 *	91 *	110 *	103 *	65 *	109 *	75 *	68 *
17	60 *	23 *	90 *	63 *	200 *	110 *	118 *	110 *	77 *	73 *	59 *	195 *
18	38 *		92 *	54 *	243 *	138 *	138 *	105 *	65 *	60 *	48 *	250 *
19	30 *		77 *	52 *	185 *	95 *	125 *	93 *	76 *	58 *	40 *	133 *
20			56 *	110 *	163 *	99 *	113 *	84 *	95 *	110 *	40 *	149 *
21			53 *	71 *	150 *	185 *	119 *	79 *	140 *	118 *	48 *	138 *
22			50 *	72 *	123 *	138 *	113 *	73 *	123 *	105 *	48 *	129 *
23			58 *	85 *	119 *	145 *	109 *	77 *	96 *	80 *	40 *	117 *
24		30 *	74 *	112 *	130 *	173 *	105 *	123 *	83 *	64 *	47 *	103 *
25		45 *	58 *	98 *	127 *	128 *	104 *	165 *	67 *	54 *	58 *	92 *
26		39 *	53 *	94 *	105 *	123 *	103 *	130 *	63 *	50 *	65 *	79 *
27		43 *	43 *	75 *	124 *	117 *	100 *	111 *	55 *	50 *	93 *	67 *
28		138 *		73 *	118 *	103 *	100 *	98 *	50 *	58 *	83 *	91 *
29	30 *			88 *	108 *	134 *	98 *	88 *	130 *	50 *	90 *	85 *
30	30 *			163 *	108 *	207 *	133 *	78 *	110 *	75 *	80 *	83 *
31	83 *				121 *		270 *	67 *		58 *		105 *
Nivel Max.				200 *	340 *	244 *	280 *	170 *	160 *	210 *	160 *	290 *
Día				12	6	30	25	11	14	14	8	18
Hora				16	16	6	6	16	6	6	17	6
Nivel Min.				50 *	70 *	60 *	70 *	60 *	50 *	50 *	36 *	20 *
Día				19	5	9	15	31	3	vv	4	vv
Hora				18	6	7	16	16	16		17	
Nivel Medio		81	95	86	150	112	128	102	83	87	63	86

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H722 YANAHURCO DJ VALLE												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	94 *	89 *	92 *	112 *	101 *	104 *	111 *	117 *	100 *	92 *	103 *	98 *
2	94 *	90 *	92 *	111 *	102 *	104 *	109 *	115 *	100 *	92 *	101 *	98 *
3	92 *	91 *	92 *	110 *	102 *	103 *	110 *	114 *	100 *	92 *	99 *	98 *
4	92 *	92 *	94 *	108 *	102 *	102 *	110 *	112 *	102 *	92 *	96 *	98 *
5	90 *	92 *	95 *	108 *	102 *	103 *	110 *	110 *	102 *	91 *	95 *	96 *
6	90 *	92 *	96 *	108 *	104 *	104 *	109 *	110 *	102 *	92 *	92 *	96 *
7	92 *	94 *	98 *	106 *	104 *	105 *	108 *	108 *	100 *	96 *	92 *	96 *
8	92 *	94 *	98 *	106 *	104 *	106 *	108 *	108 *	99 *	96 *	92 *	94 *
9	92 *	94 *	98 *	106 *	106 *	106 *	117 *	108 *	98 *	96 *	94 *	94 *
10	92 *	94 *	97 *	104 *	106 *	105 *	113 *	107 *	96 *	95 *	94 *	93 *
11	92 *	92 *	96 *	104 *	106 *	104 *	132 *	106 *	96 *	94 *	95 *	92 *
12	92 *	92 *	96 *	102 *	108 *	104 *	144 *	104 *	96 *	94 *	96 *	93 *
13	92 *	92 *	94 *	101 *	107 *	104 *	131 *	102 *	98 *	94 *	98 *	96 *
14	92 *	92 *	92 *	102 *	108 *	106 *	118 *	103 *	98 *	99 *	98 *	98 *
15	92 *	90 *	92 *	102 *	110 *	109 *	115 *	104 *	98 *	103 *	98 *	96 *
16	92 *	90 *	91 *	102 *	110 *	111 *	111 *	102 *	98 *	104 *	98 *	98 *
17	92 *	90 *	90 *	100 *	133 *	108 *	110 *	102 *	105 *	103 *	99 *	98 *
18	92 *	89 *	88 *	100 *	124 *	108 *	110 *	104 *	117 *	101 *	101 *	98 *
19	90 *	88 *	88 *	100 *	120 *	108 *	109 *	103 *	110 *	99 *	102 *	101 *
20	90 *	88 *	88 *	99 *	117 *		108 *	102 *	105 *	98 *	141 *	102 *
21	90 *	87 *	88 *	98 *	116 *		108 *	102 *	102 *	131 *	127 *	100 *
22	90 *	86 *	90 *	104 *	113 *	106 *	108 *	102 *	105 *	115 *	125 *	98 *
23	90 *	86 *	90 *	108 *	109 *	106 *	108 *	102 *	104 *	97 *	118 *	98 *
24	90 *	86 *	90 *	104 *	108 *	107 *	109 *	102 *	99 *	96 *	118 *	110 *
25	88 *	86 *	91 *	103 *	108 *	136 *	110 *	102 *	95 *	96 *	114 *	110 *
26	88 *	86 *	123 *	102 *	108 *	130 *	111 *	102 *	94 *	94 *	110 *	110 *
27	88 *	86 *	109 *	102 *	110 *	124 *	112 *	102 *	94 *	94 *	109 *	115 *
28	88 *	90 *	112 *	101 *	109 *	120 *	112 *	101 *	94 *	97 *	107 *	111 *
29	88 *		112 *	100 *	107 *	119 *	113 *	100 *	93 *	98 *	103 *	110 *
30	88 *		112 *	100 *	106 *	114 *	115 *	100 *	92 *	99 *	101 *	106 *
31	88 *		112 *		104 *		158 *	100 *		100 *		102 *
Nivel Max.	94 *	94 *	138 *	112 *	148 *		174 *	118 *	120 *	138 *	148 *	118 *
Día	vv	vv	26	7	17		31	1	18	21	20	27
Hora			6	6	18		6	6	6	18	6	18
Nivel Min.	88 *	86 *	88 *	98 *	100 *		108 *	100 *	92 *	90 *	92 *	92 *
Día	vv	vv	vv	21	1		vv	vv	29	6	vv	12
Hora				18	6				18	6		6
Nivel Medio	91	90	97	104	109	110	115	105	100	98	104	100

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H731 COSANGA AJ QUIJOS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1					260 *		130 *	124 *	135 *	195 *	163 *	225 *
2					147 *		128 *	120 *	153 *	165 *	151 *	170 *
3					133 *		220 *	114 *	143 *	143 *	135 *	147 *
4					123 *		200 *	110 *	153 *	139 *	118 *	133 *
5					118 *		160 *	108 *	143 *	133 *	112 *	123 *
6					290 *		148 *	105 *	137 *	129 *	107 *	114 *
7				113 *	210 *		145 *	105 *	130 *	129 *	100 *	105 *
8				110 *	158 *		160 *	96 *	123 *	129 *	140 *	100 *
9				107 *	141 *		145 *	290 *	131 *	133 *	137 *	97 *
10				100 *	133 *		188 *	270 *	135 *	143 *	128 *	95 *
11				130 *	119 *		165 *	235 *	138 *	150 *	120 *	90 *
12				285 *	144 *		145 *	173 *	132 *	143 *	116 *	92 *
13				273 *	154 *		135 *	150 *	200 *	265 *	113 *	95 *
14				168 *	185 *		130 *	143 *	252 *	155 *	119 *	86 *
15				143 *	300 *		128 *	137 *	238 *	290 *	114 *	102 *
16				137 *	270 *			133 *	210 *	263 *	108 *	109 *
17				127 *	270 *		128 *	145 *	139 *	158 *	230 *	155 *
18				117 *	213 *		135 *	140 *	142 *	147 *	179 *	315 *
19				113 *	160 *		218 *	138 *	131 *	134 *	145 *	390 *
20				110 *			170 *	132 *	138 *	128 *	132 *	250 *
21				138 *	144 *		155 *	130 *	153 *	119 *	118 *	160 *
22				115 *	138 *		148 *	145 *	147 *	114 *	110 *	150 *
23				114 *	141 *		140 *	148 *	143 *	270 *	102 *	137 *
24				263 *	280 *		155 *	140 *	137 *	243 *	100 *	136 *
25				129 *	205 *		140 *	138 *	133 *	175 *	120 *	132 *
26				130 *	150 *		180 *	128 *	128 *	144 *	121 *	130 *
27					142 *		150 *	123 *	123 *	135 *	118 *	123 *
28				142 *	162 *		140 *	120 *	117 *	119 *	123 *	115 *
29				133 *	188 *		130 *	116 *	114 *	114 *	121 *	128 *
30				123 *	158 *		128 *	112 *	141 *	110 *	118 *	129 *
31					139 *		125 *	108 *		162 *		125 *
Nivel Max.								300 *	300 *	310 *	260 *	450 *
Día								9	14	15	17	18
Hora								6	6	6	6	18
Nivel Min.								94 *	113 *	109 *	100 *	80 *
Día								8	29	30	vv	14
Hora								17	18	18		18
Nivel Medio				144	179		152	141	148	160	127	144

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H733	QUIJOS AJ BORJA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	65 *	92 *	150 *	78 *	110 *	103 *	118 *	130 *	81 *	110 *	83 *	
2	59 *	95 *	130 *	77 *	128 *	115 *	110 *	112 *	88 *	113 *	88 *	
3	54 *	97 *	122 *	79 *	88 *	93 *	190 *	100 *	77 *	93 *	68 *	
4	54 *	100 *	158 *	77 *	76 *	83 *	140 *	103 *	75 *	94 *	71 *	
5	52 *	97 *	159 *	53 *	82 *	133 *	117 *	143 *	79 *	83 *	78 *	
6	57 *	113 *	155 *	94 *	238 *	124 *	115 *	138 *	73 *	88 *	65 *	
7	75 *	120 *	130 *	78 *	161 *	144 *	98 *	127 *	68 *	78 *	83 *	
8	65 *	125 *	109 *	88 *	168 *	133 *	163 *	120 *	70 *	75 *	112 *	
9	78 *	113 *	111 *	80 *	128 *	103 *	110 *	125 *	68 *	84 *	85 *	
10	124 *	115 *	110 *	74 *	113 *	95 *	105 *	138 *	71 *	88 *	88 *	
11	79 *	95 *	131 *	78 *	113 *	80 *	145 *	141 *	190 *	74 *	90 *	
12	78 *	107 *	136 *	149 *	155 *	107 *	138 *	138 *	153 *	90 *	88 *	30 *
13	69 *	97 *	129 *	84 *	140 *	88 *	132 *	128 *	139 *	155 *	85 *	70 *
14	59 *	86 *	117 *	91 *	168 *	76 *	115 *	118 *	123 *	178 *	79 *	80 *
15	54 *	77 *	105 *	51 *	131 *	74 *	97 *	165 *	85 *	137 *	75 *	60 *
16	57 *	74 *	98 *	45 *	191 *	117 *	98 *	164 *	73 *	118 *	68 *	80 *
17	54 *	69 *	101 *	79 *	135 *	143 *	110 *	130 *	73 *	93 *	58 *	80 *
18	51 *	63 *	84 *	78 *	211 *	120 *	115 *	108 *	112 *	80 *	61 *	165 *
19	56 *	58 *	87 *	80 *	218 *	115 *	106 *	103 *	123 *	68 *	73 *	225 *
20	105 *	66 *	75 *	11 *	190 *	185 *	115 *	105 *	80 *	95 *	78 *	195 *
21	77 *	61 *	72 *	79 *	137 *	143 *	108 *	98 *	75 *	170 *	88 *	165 *
22	67 *	56 *	68 *	92 *	128 *	153 *	96 *	98 *	130 *	105 *	103 *	125 *
23	59 *	66 *	73 *	54 *	130 *	140 *	100 *	111 *	117 *	85 *	85 *	140 *
24	67 *	71 *	87 *	60 *	160 *	163 *	105 *	132 *	125 *	88 *	70 *	135 *
25	60 *	67 *	73 *	11 *	161 *	128 *	165 *	100 *	88 *	79 *	65 *	145 *
26	87 *	75 *	108 *	54 *	143 *	111 *	155 *	98 *	116 *	72 *	88 *	175 *
27	74 *	95 *	87 *	101 *	133 *	124 *	136 *	103 *	108 *	74 *	95 *	120 *
28	66 *		92 *	88 *	112 *	113 *	115 *	147 *	98 *	68 *	95 *	120 *
29	57 *		95 *	93 *	110 *	148 *	125 *	122 *	85 *	95 *	103 *	110 *
30	91 *		92 *	15 *	121 *	185 *	113 *	106 *	95 *	83 *	78 *	95 *
31			86 *		123 *		155 *	100 *		93 *		110 *
Nivel Max.			175 *	212 *	245 *	210 *	220 *	210 *	210 *	200 *	130 *	
Día			4	12	6	20	3	15	11	14	8	
Hora			17	17	17	17	17	17	7	7	17	
Nivel Min.			66 *	10 *	72 *	72 *	94 *	94 *	65 *	65 *	56 *	
Día			22	25	4	14	15	31	7	19	17	
Hora			17	7	17	17	17	17	17	17	17	
Nivel Medio	68	87	107	72	142	121	123	121	98	97	81	121

NOTA: * DATOS LIMNIMETRICOS

2003

H764	CALAMACA DJ Q. HUARCUSACHA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	68 *	77 *	73 *	70 *	74 *	83 *	91	93	75 *	75 *	69 *	70 *
2	68 *	74 *	72 *	70 *	74 *	82 *	91	90	78 *	74 *	69 *	69 *
3	68 *	72 *	72 *	70 *	74 *	85 *	99	89	76 *	74 *	69 *	69 *
4	68 *	72 *	74 *	71 *	74 *	80 *	89	86	87 *	79 *	69 *	67 *
5	68 *	71 *	75 *	71 *	74 *	78 *	88	87	77 *	80 *	69 *	66 *
6	68 *	76 *	74 *	71 *	84 *	80 *	86	85	75 *	75 *	68 *	66 *
7	69 *	77 *	74 *	72 *	79 *	80 *	87	91	74 *	75 *	68 *	66 *
8	70 *	76 *	73 *	73 *	91 *	78 *	86	101	74 *	75 *	69 *	66 *
9	71 *	76 *	76 *	70 *	77 *	77 *	85	88	74 *	81 *	69 *	66 *
10	70 *	74 *	75 *	70 *	76 *	76 *	105	85	74 *	82 *	68 *	66 *
11	70 *	72 *	75 *	75 *	108 *	75 *	100	84	74 *	75 *	68 *	66 *
12	70 *	73 *	75 *	76 *	93 *	80 *	97	84	77 *	74 *	68 *	66 *
13	69 *	71 *	72 *	79 *	102 *	81 *	91	84	85 *	74 *	68 *	69 *
14	68 *	72 *	71 *	77 *	103 *	89 *	88	85	75 *	85 *	68 *	72 *
15	68 *	72 *	70 *	72 *	102 *	81 *	87	81	74 *	75 *	68 *	75 *
16	68 *	81 *	75 *	70 *	129 *	87 *	94	82	74 *	73 *	68 *	73 *
17	68 *	81 *	73 *	74 *	110 *	84 *	98	80	76 *	72 *	69 *	71 *
18	67 *	80 *	72 *	71 *	125 *	82 *	95	79	90 *	72 *	71 *	82 *
19	66 *	76 *	71 *	72 *	110 *	89 *	94	79	76 *	71 *	71 *	92 *
20	77 *	71 *	69 *	72 *	100 *	107 *	89	80	75 *	70 *	70 *	88 *
21	75 *	69 *	69 *	72 *	97 *	87 *	92	79	74 *	74 *	69 *	90 *
22	68 *	69 *	68 *	88 *	95 *	86 *	91	78	75 *	75 *	75 *	83 *
23	67 *	68 *	72 *	87 *	93 *	97	96	81	75 *	71 *	71 *	80 *
24	66 *	68 *	75 *	97 *	92 *	94	109	73 *	74 *	70 *	70 *	79 *
25	66 *	73 *	71 *	87 *	90 *	116	100	73 *	72 *	70 *	69 *	78 *
26	66 *	68 *	75 *	78 *	90 *	109	99	73 *	72 *	69 *	68 *	78 *
27	66 *	68 *	78 *	76 *	92 *	101	95	74 *	73 *	69 *	70 *	78 *
28	70 *	83 *	76 *	76 *	85 *	99	103	84 *	102 *	69 *	70 *	75 *
29	67 *		75 *	76 *	84 *	102	105	81 *	92 *	69 *	70 *	73 *
30	66 *		65 *	76 *	83 *	97	96	79 *	77 *	69 *	70 *	71 *
31	82 *		71 *		84 *		93	76 *		69 *		70 *
Nivel Max.	82 *	96 *	79 *	99 *	144 *	122	121	108	130 *	90 *	76 *	104 *
Día	31	28	27	22	16	25	10	8	28	14	22	19
Hora	7	17	7	17	7	3	15	15	18	7	7	17
Nivel Min.	66 *	67 *	60 *	70 *	73 *	74 *	85	73 *	72 *	69 *	68 *	66 *
Día	vv	24	30	vv	4	11	9	vv	vv	vv	vv	vv
Hora		17	17		17	17	9					
Nivel Medio	69	73	73	75	92	88	94	83	77	74	69	74

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H787 ALAO EN HDA.ALAO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	59 *	99 *	92 *	65 *	103 *		111 *	105 *		76 *	81 *	64 *
2	58 *	120 *	102 *	105 *	100 *		100 *	90 *		75 *	68 *	64 *
3	59 *	150 *		138 *	92 *		126 *	83 *		74 *	64 *	61 *
4	66 *	101 *	150 *	124 *	82 *		120 *	77 *		65 *	62 *	57 *
5	68 *	102 *	136 *	73 *	73 *		103 *	73 *		70 *	63 *	53 *
6	145 *	140 *	104 *	74 *	247 *		93 *	85 *		80 *	59 *	50 *
7	132 *	157 *	99 *	72 *	110 *		76 *	78 *		67 *	76 *	50 *
8	98 *	145 *	125 *	72 *	103 *		105 *	78 *		65 *	84 *	51 *
9	82 *	106 *	111 *	70 *	97 *		86 *	88 *		98 *	73 *	49 *
10	124 *	97 *	97 *	67 *	97 *		91 *	108 *		77 *	62 *	50 *
11	126 *	97 *	123 *	67 *	131 *		242 *	131 *		75 *	64 *	50 *
12	111 *	89 *	128 *	154 *	147 *		128 *	94 *		63 *	62 *	50 *
13	76 *	86 *	93 *	134 *	157 *		119 *	79 *		66 *	60 *	110 *
14	69 *	75 *	87 *	67 *	161 *		94 *	75 *		65 *	60 *	106 *
15	63 *	76 *	83 *	62 *	146 *		65 *	94 *		69 *	65 *	98 *
16	60 *	67 *	78 *	62 *	152 *		64 *	88 *		66 *	74 *	92 *
17	78 *	67 *	76 *	65 *	152 *		109 *	112 *		65 *	81 *	113 *
18	62 *	66 *	75 *	65 *	225 *		158 *	74 *		63 *	78 *	116 *
19	63 *	63 *	72 *	59 *	183 *		120 *	100 *		63 *	69 *	197 *
20	62 *	62 *	69 *	63 *	152 *		105 *	82 *		65 *	71 *	134 *
21	56 *	94 *	68 *	65 *	126 *		105 *	82 *		91 *	74 *	116 *
22	54 *	79 *	66 *	74 *	109 *		104 *	78 *		74 *	88 *	101 *
23	53 *	72 *	74 *	77 *	97 *		117 *	95 *		65 *	66 *	77 *
24	52 *	64 *	67 *	147 *	95 *		96 *	91 *		67 *	66 *	102 *
25	54 *	73 *	74 *	97 *	93 *		104 *	77 *		66 *	63 *	92 *
26	57 *	93 *	77 *	93 *			99 *	77 *		63 *	55 *	112 *
27	61 *	73 *	80 *	96 *	128 *		94 *	80 *		81 *	78 *	101 *
28	65 *	129 *	97 *	162 *	93 *		120 *	89 *		97 *	77 *	83 *
29	69 *		79 *	157 *	86 *		99 *	105 *		97 *	73 *	71 *
30	107 *		75 *	163 *	96 *		115 *	86 *		76 *	70 *	66 *
31	105 *		66 *		108 *		182 *	80 *		76 *		85 *
Nivel Max.	146 *	200 *		180 *			245 *	155 *		101 *	90 *	245 *
Día	6	7		12			11	11		28	22	19
Hora	9	18		18			18	9		9	9	9
Nivel Min.	52 *	61 *		58 *			63 *	70 *		60 *	54 *	48 *
Día	24	20		19			16	5		12	26	9
Hora	18	9		18			18	9		18	18	9
Nivel Medio	77	94	91	93	124		111	88		73	69	84

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H788 PUELA AJ CHAMBO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	36 *	125 *	89 *	75 *	72 *	64 *	57 *	67 *	47 *	41 *	40 *	64 *
2	37 *	90 *	96 *	65 *	66 *	54 *	55 *	58 *	49 *	41 *	39 *	53 *
3	35 *	106 *	92 *	79 *	49 *	43 *	79 *	56 *	45 *	43 *	38 *	44 *
4	39 *	85 *	155 *	58 *	48 *	45 *	64 *	54 *	46 *	43 *	39 *	43 *
5	37 *	73 *	99 *	61 *	47 *	65 *	47 *	53 *	50 *	52 *	39 *	41 *
6	75 *	97 *	93 *	49 *	127 *	55 *	45 *	51 *	45 *	45 *	39 *	37 *
7	76 *	109 *	56 *	65 *	78 *	73 *	48 *	50 *	44 *	47 *	50 *	44 *
8	60 *	93 *	49 *	50 *	80 *	54 *	70 *	49 *	43 *	65 *	45 *	42 *
9	72 *	78 *	56 *	44 *	63 *	49 *	48 *	75 *	41 *	65 *	44 *	39 *
10	99 *	59 *	68 *	41 *	83 *	47 *	60 *	72 *	40 *	47 *	39 *	43 *
11	75 *	73 *	114 *	52 *	91 *	44 *	138 *	72 *	49 *	48 *	39 *	48 *
12	50 *	74 *	74 *	65 *	95 *	68 *	85 *	60 *	60 *	46 *	40 *	38 *
13	55 *	62 *	74 *	47 *	92 *	72 *	71 *	52 *	65 *	53 *	38 *	62 *
14	65 *	62 *	74 *	57 *	91 *	57 *	61 *	49 *	54 *	60 *	45 *	43 *
15	50 *	53 *	61 *	48 *	85 *	53 *	56 *	65 *	48 *	47 *	54 *	55 *
16	49 *	49 *	58 *	44 *	106 *	47 *	54 *	50 *	44 *	48 *	52 *	86 *
17	47 *	43 *	52 *	42 *	81 *	67 *	74 *	65 *	61 *	42 *	60 *	79 *
18	42 *	40 *	42 *	39 *	125 *	53 *	86 *	52 *	104 *	41 *	40 *	115 *
19	42 *	38 *	38 *	38 *	95 *	48 *	69 *	53 *	69 *	39 *	40 *	113 *
20	40 *	37 *	35 *	79 *	76 *	90 *	57 *	51 *	56 *	33 *	42 *	100 *
21	38 *	55 *	41 *	49 *	68 *	77 *	57 *	49 *	48 *	49 *	49 *	108 *
22	37 *	48 *	39 *	75 *	58 *	71 *	59 *	49 *	46 *	46 *	58 *	90 *
23	36 *	38 *	41 *	54 *	59 *	103 *	62 *	48 *	43 *	42 *	49 *	72 *
24	36 *	65 *	38 *	74 *	59 *	101 *	58 *	59 *	43 *	39 *	43 *	99 *
25	33 *	53 *	36 *	75 *	52 *	109 *	72 *	49 *	39 *	39 *	41 *	69 *
26	35 *	50 *	47 *	56 *	47 *	80 *	94 *	59 *	36 *	39 *	40 *	86 *
27	35 *	49 *	46 *	76 *	98 *	63 *	59 *	59 *	38 *	39 *	64 *	63 *
28	47 *	64 *	40 *	70 *	65 *	58 *	68 *	57 *	38 *	40 *	49 *	56 *
29	47 *		40 *	60 *	57 *	95 *	59 *	58 *	41 *	44 *	87 *	49 *
30	105 *		37 *	100 *	66 *	70 *	63 *	56 *	44 *	43 *	57 *	46 *
31	97 *		36 *		66 *		105 *	53 *		40 *		48 *
Nivel Max.	115 *	135 *	160 *	100 *	130 *	125 *	160 *	98 *	110 *	74 *	88 *	150 *
Día	30	1	4	30	18	29	11	9	18	8	29	18
Hora	18	7	18	7	18	18	7	18	7	7	7	18
Nivel Min.	32 *	36 *	34 *	37 *	46 *	42 *	43 *	47 *	35 *	32 *	37 *	36 *
Día	3	21	25	19	4	3	7	25	26	20	13	6
Hora	18	7	18	7	18	7	7	18	18	18	18	18
Nivel Medio	52	67	62	59	76	66	67	56	49	45	46	63

NOTA: * DATOS LIMNIMETRICOS

2003

H789 GUARGUALLA AJ CEBADAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	39 *	48 *	42 *	42 *	35 *	70 *	62 *	98 *	44 *	42 *	44 *	46 *
2	35 *	46 *	40 *	44 *	38 *	68 *	60 *	94 *	42 *	44 *	42 *	42 *
3	39 *	44 *	40 *	46 *	40 *	68 *	70 *	80 *	48 *	44 *	38 *	38 *
4	37 *	44 *	38 *	46 *	40 *	70 *	68 *	78 *	50 *	40 *	40 *	36 *
5	37 *	42 *	39 *	48 *	38 *	72 *	66 *	60 *	48 *	46 *	36 *	34 *
6	38 *	44 *	38 *	48 *	38 *	72 *	62 *	58 *	46 *	48 *	38 *	32 *
7	42 *	46 *	40 *	46 *	38 *	70 *	58 *	58 *	44 *	46 *	40 *	32 *
8	42 *	44 *	40 *	46 *	36 *	68 *	84 *	54 *	42 *	52 *	40 *	30 *
9	40 *	44 *	42 *	44 *	36 *	70 *	86 *	52 *	44 *	58 *	38 *	32 *
10	40 *	42 *	40 *	42 *	34 *	72 *	88 *	50 *	40 *	56 *	38 *	34 *
11	38 *	42 *	38 *	40 *	34 *	72 *	90 *	50 *	40 *	52 *	40 *	34 *
12	36 *	40 *	38 *	38 *	36 *	73 *	74 *	52 *	40 *	48 *	40 *	40 *
13	38 *	40 *	36 *	36 *	36 *	72 *	68 *	54 *	42 *	44 *	38 *	42 *
14	36 *	38 *	38 *	36 *	38 *	74 *	66 *	50 *	42 *	44 *	40 *	44 *
15	35 *	38 *	38 *	38 *	36 *	74 *	64 *	54 *	42 *	46 *	48 *	42 *
16	34 *	36 *	40 *	38 *	50 *	76 *	64 *	58 *	44 *	44 *	40 *	52 *
17	46 *	36 *	44 *	38 *	96 *	76 *	62 *	60 *	50 *	42 *	38 *	60 *
18	46 *	38 *	46 *	40 *	96 *	76 *	64 *	62 *	90 *	40 *	48 *	100 *
19	40 *	40 *	46 *	42 *	90 *	78 *	66 *	58 *	78 *	40 *	46 *	114 *
20	40 *	38 *	44 *	44 *	86 *	78 *	66 *	52 *	54 *	40 *	44 *	90 *
21	38 *	40 *	42 *	48 *	84 *	80 *	62 *	50 *	56 *	42 *	44 *	84 *
22	34 *	42 *	40 *	50 *	82 *	82 *	60 *	50 *	60 *	42 *	46 *	60 *
23	34 *	44 *	38 *	49 *	80 *	84 *	60 *	48 *	56 *	40 *	44 *	58 *
24	34 *	46 *	38 *	48 *	80 *	84 *	60 *	46 *	50 *	40 *	42 *	58 *
25	35 *	44 *	40 *	48 *	78 *	88 *	60 *	48 *	46 *	42 *	40 *	56 *
26	36 *	44 *	42 *	46 *	78 *	86 *	58 *	48 *	44 *	42 *	38 *	54 *
27	34 *	42 *	44 *	44 *	76 *	84 *	60 *	48 *	44 *	44 *	38 *	54 *
28	32 *	42 *	44 *	44 *	74 *	70 *	62 *	48 *	42 *	48 *	40 *	56 *
29	35 *		42 *	42 *	74 *	72 *	58 *	46 *	42 *	50 *	42 *	58 *
30	33 *		40 *	40 *	72 *	72 *	68 *	46 *	42 *	48 *	44 *	56 *
31	49 *		40 *		70 *		100 *	44 *		46 *		59 *
Nivel Max.	50 *	48 *	46 *	50 *	96 *	88 *	100 *	98 *	90 *	58 *	48 *	114 *
Día	31	1	vv	22	vv	25	31	1	18	9	vv	19
Hora	6	7		6		6	7	7	6	7		7
Nivel Min.	32 *	36 *	36 *	36 *	34 *	68 *	58 *	44 *	40 *	40 *	36 *	30 *
Día	28	vv	13	vv	vv	vv	vv	31	vv	vv	5	8
Hora	16		7					6			7	7
Nivel Medio	38	42	41	43	59	75	68	57	48	45	41	52

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

CEBADAS AJ GUAMOTE													
H790	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	101 *	130 *	118 *	100 *	147 *	147 *	159 *	173 *	111 *	109 *	89 *	96 *	
2	100 *	128 *	122 *	99 *	142 *	144 *	159 *	160 *	109 *	108 *	86 *	98 *	
3	99 *	125 *	127 *	101 *	135 *	141 *	155 *	156 *	111 *	110 *	95 *	96 *	
4	98 *	123 *	126 *	111 *	131 *	139 *	170 *	152 *	125 *	105 *	84 *	89 *	
5	98 *	119 *	128 *	108 *	128 *	141 *	158 *	139 *	118 *	108 *	85 *	90 *	
6	96 *	126 *	123 *	104 *	136 *	144 *	150 *	137 *	114 *	109 *	86 *	82 *	
7	100 *	128 *	119 *	103 *	143 *	145 *	145 *	133 *	119 *	111 *	85 *	80 *	
8	105 *	127 *	117 *	103 *	137 *	142 *	144 *	132 *	111 *	117 *	82 *	82 *	
9	103 *	132 *	121 *	105 *	144 *	138 *	144 *	131 *	112 *	107 *	84 *	80 *	
10	100 *	127 *	124 *	109 *	134 *	133 *	135 *	141 *	111 *	104 *	87 *	81 *	
11	106 *	127 *	123 *	104 *	132 *	124 *	213 *	143 *	112 *	106 *	87 *	80 *	
12	107 *	125 *	121 *	126 *	175 *	181 *	174 *	139 *	114 *	104 *	85 *	81 *	
13	105 *	121 *	125 *	133 *	223 *	181 *	164 *	136 *	112 *	104 *	84 *	93 *	
14	103 *	118 *	129 *	125 *	255 *	142 *	163 *	133 *	115 *	103 *	95 *	104 *	
15	104 *	115 *	126 *	120 *	218 *	132 *	162 *	131 *	111 *	100 *	86 *	92 *	
16	101 *	114 *	129 *	120 *	211 *	126 *	155 *	122 *	109 *	100 *	85 *	91 *	
17	99 *	115 *	127 *	109 *	215 *	125 *	156 *	128 *	123 *	97 *	89 *	94 *	
18	98 *	106 *	125 *	117 *	233 *	125 *	168 *	134 *	220 *	93 *	98 *	94 *	
19	96 *	104 *	118 *	108 *	228 *	127 *	163 *	143 *	151 *	92 *	99 *	198 *	
20	95 *	105 *	111 *	104 *	197 *	163 *	154 *	132 *	135 *	92 *	93 *	180 *	
21	99 *	102 *	107 *	103 *	189 *	156 *	148 *	128 *	125 *	99 *	97 *	157 *	
22	96 *	109 *	105 *	114 *	181 *	149 *	144 *	130 *	154 *	99 *	104 *	153 *	
23	94 *	103 *	106 *	111 *	177 *	166 *	145 *	132 *	134 *	94 *	98 *	155 *	
24	91 *	117 *	109 *	173 *	172 *	205 *	144 *	134 *	132 *	95 *	96 *	152 *	
25	88 *	127 *	111 *	143 *	164 *	211 *	143 *	129 *	127 *	105 *	100 *	140 *	
26	87 *	123 *	113 *	140 *	154 *	199 *	176 *	121 *	120 *	100 *	96 *	193 *	
27	87 *	127 *	111 *	139 *	153 *	180 *	144 *	119 *	117 *	96 *	92 *	161 *	
28	89 *	135 *	119 *	154 *	148 *	169 *	141 *	117 *	114 *	96 *	91 *	151 *	
29	99 *		117 *	162 *	145 *	190 *	141 *	115 *	111 *	91 *	94 *	139 *	
30	98 *		109 *	188 *	148 *	178 *	185 *	112 *	110 *	92 *	95 *	138 *	
31	112 *		104 *		155 *		213 *	113 *		91 *		128 *	
Nivel Max.	115 *	140 *	130 *	190 *	270 *	247 *	230 *	175 *	230 *	118 *	105 *	210 *	
Día	31	1	14	30	14	24	31	1	18	8	22	19	
Hora	17	17	7	17	7	17	17	7	7	7	7	7	
Nivel Min.	86 *	101 *	103 *	98 *	127 *	123 *	130 *	111 *	108 *	90 *	80 *	79 *	
Día	27	21	31	2	5	11	10	30	2	31	9	9	
Hora	7	17	17	17	17	17	17	17	17	17	7	17	
Nivel Medio	98	120	118	121	169	155	158	134	123	101	91	117	

NOTA: * DATOS LIMNIMETRICOS

2003

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H792	CUTUCHI AJ YANAYACU											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	52 *	51 *	56 *	53 *	69 *	43 *	39 *		28 *	31 *	55 *	58 *
2	47 *	48 *	54 *	50 *	64 *	48 *	52 *		28 *	30 *	55 *	55 *
3	50 *	49 *	52 *	47 *	70 *	51 *	52 *		27 *	30 *	54 *	77 *
4	45 *	48 *	51 *	44 *	70 *	41 *	43 *		29 *	31 *	51 *	56 *
5	43 *	40 *	45 *	46 *	63 *	38 *	38 *		29 *	31 *	52 *	47 *
6	42 *	39 *	46 *	44 *	55 *	40 *	36 *		29 *	31 *	51 *	40 *
7	36 *	37 *	43 *	42 *	53 *	43 *	33 *		49 *	37 *	50 *	58 *
8	30 *	37 *	39 *	31 *	59 *	43 *	37 *		48 *	53 *	52 *	48 *
9	29 *	41 *	38 *	51 *	58 *	40 *	35 *		48 *	49 *	55 *	43 *
10	26 *	38 *	35 *	57 *	58 *	39 *	31 *		47 *	52 *	54 *	39 *
11	26 *	35 *	30 *	58 *	59 *	38 *	48 *		45 *	47 *	52 *	55 *
12	28 *	28 *	29 *	57 *	58 *	37 *	52 *		38 *	44 *	72 *	50 *
13	29 *	25 *	29 *	59 *	56 *	37 *	57 *		36 *	44 *	64 *	65 *
14	26 *	39 *	28 *	72 *	55 *	40 *	55 *		35 *	42 *	61 *	71 *
15	52 *	66 *	29 *	62 *	54 *	38 *	38 *		29 *	37 *	61 *	69 *
16	29 *	53 *	55 *	64 *	68 *	39 *	39 *		28 *	34 *	59 *	62 *
17	27 *	48 *	52 *	64 *	64 *	62 *	35 *		29 *	35 *	52 *	59 *
18	29 *	40 *	49 *	67 *	94 *	60 *	37 *		29 *	36 *	57 *	64 *
19	33 *	40 *	44 *	64 *	88 *	57 *	33 *		29 *	37 *	63 *	73 *
20	57 *	38 *	43 *	61 *	71 *	55 *	30 *		28 *	38 *	59 *	70 *
21	49 *	34 *	38 *	59 *	58 *	65 *	37 *		29 *	42 *	79 *	59 *
22	49 *	31 *	79 *	72 *	52 *	60 *	36 *		29 *	48 *	65 *	58 *
23	47 *	30 *	51 *	73 *	46 *	56 *	35 *		32 *	55 *	59 *	58 *
24	44 *	28 *	48 *	85 *	43 *	52 *	55 *		30 *	54 *	56 *	54 *
25	43 *	30 *	50 *	80 *	45 *	61 *	45 *		29 *	51 *	66 *	63 *
26	34 *	30 *	54 *	91 *	45 *	59 *	54 *		29 *	48 *	52 *	66 *
27	29 *	57 *	64 *	79 *	43 *	53 *	45 *		27 *	47 *	49 *	74 *
28	27 *	56 *	74 *	72 *	48 *	51 *	39 *		29 *	79 *	48 *	60 *
29	26 *		69 *	78 *	48 *	48 *	36 *		40 *	67 *	49 *	58 *
30	25 *		57 *	84 *	47 *	45 *	34 *		31 *	66 *	50 *	56 *
31	26 *		55 *		42 *		66 *			58 *		56 *
Nivel Max.	70 *	68 *	100 *	100 *	96 *	68 *	68 *		52 *	98 *	98 *	78 *
Día	15	15	22	26	18	21	31		7	28	21	3
Hora	7	7	7	7	7	7	7		7	17	7	7
Nivel Min.	24 *	24 *	26 *	30 *	40 *	36 *	26 *		26 *	30 *	46 *	38 *
Día	30	13	14	8	31	12	20		27	vv	28	10
Hora	17	17	17	17	17	17	7		17		17	17
Nivel Medio	37	41	48	62	58	48	42		33	45	57	59

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H793	NAGSICHE PLTA.ELEC.CUSUBAMBA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	35 *	33 *	45 *	30 *	60 *	45 *	35 *	20 *	30 *	20 *	30 *	40 *
2	35 *	33 *	45 *	30 *	60 *	40 *	35 *	20 *	30 *	20 *	30 *	40 *
3	35 *	33 *	45 *	30 *	60 *	45 *	35 *	20 *	30 *	20 *	30 *	40 *
4	35 *	33 *	40 *	30 *	53 *	45 *	35 *	20 *	30 *	20 *	30 *	38 *
5	35 *	33 *	40 *	30 *	53 *	45 *	30 *	20 *	30 *	20 *	30 *	33 *
6	35 *	33 *	38 *	30 *	50 *	45 *	30 *	20 *	30 *	30 *	30 *	30 *
7	35 *	33 *	45 *	40 *	50 *	40 *	30 *	20 *	25 *	30 *	30 *	30 *
8	35 *	33 *	45 *	40 *	50 *	40 *	30 *	20 *	25 *	30 *	30 *	30 *
9	35 *	33 *	45 *	40 *	60 *	40 *	40 *	20 *	25 *	30 *	30 *	30 *
10	35 *	33 *	55 *	45 *	65 *	35 *	40 *	20 *	25 *	30 *	30 *	30 *
11	35 *	33 *	60 *	45 *	65 *	35 *	50 *	20 *	25 *	30 *	30 *	30 *
12	35 *	33 *	60 *	45 *	65 *	35 *	30 *	20 *	25 *	20 *	30 *	40 *
13	30 *	30 *	60 *	45 *	60 *	35 *	30 *	20 *	25 *	20 *	30 *	40 *
14	30 *	30 *	60 *	45 *	75 *	35 *	30 *	20 *	25 *	20 *	30 *	40 *
15	30 *	30 *	65 *	45 *	73 *	35 *	30 *	20 *	25 *	20 *	30 *	40 *
16	30 *	30 *	65 *	45 *	100 *	35 *	30 *	20 *	25 *	20 *	30 *	40 *
17	28 *	30 *	85 *	45 *	85 *	40 *	25 *	30 *	20 *	20 *	30 *	40 *
18	28 *	30 *	75 *	45 *	80 *	40 *	25 *	30 *	20 *	20 *	33 *	60 *
19	28 *	35 *	75 *	48 *	80 *	40 *	25 *	30 *	20 *	20 *	35 *	63 *
20	44 *	35 *	70 *	40 *	65 *	40 *	25 *	30 *	20 *	20 *	35 *	55 *
21	40 *	35 *	70 *	45 *	60 *	40 *	25 *	30 *	20 *	20 *	35 *	50 *
22	40 *	35 *	70 *	80 *	55 *	38 *	25 *	30 *	20 *	20 *	35 *	50 *
23	40 *	35 *	70 *	75 *	50 *	38 *	25 *	30 *	20 *	20 *	35 *	50 *
24	30 *	35 *	65 *	80 *	50 *	38 *	25 *	30 *	20 *	25 *	35 *	45 *
25	30 *	40 *	65 *	75 *	45 *	38 *	25 *	30 *	20 *	25 *	35 *	45 *
26	30 *	40 *	65 *	75 *	40 *	38 *	25 *	30 *	20 *	25 *	35 *	45 *
27	30 *	40 *	65 *	70 *	40 *	38 *	25 *	30 *	20 *	30 *	35 *	40 *
28	30 *	40 *	60 *	70 *	40 *	38 *	25 *	30 *	20 *	30 *	35 *	40 *
29	30 *		60 *	65 *	40 *	37 *	25 *	30 *	20 *	30 *	35 *	40 *
30	30 *		55 *	55 *	40 *	37 *	25 *	30 *	20 *	30 *	40 *	35 *
31	30 *		55 *		40 *			30 *		30 *		35 *
Nivel Max.	60 *	40 *	85 *	80 *	100 *	45 *		30 *	30 *	30 *	40 *	65 *
Día	20	vv	17	vv	16	vv		vv	vv	vv	30	19
Hora	17		7		7						7	7
Nivel Min.	28 *	30 *	38 *	30 *	40 *	35 *		20 *	20 *	20 *	30 *	30 *
Día	vv	vv	6	vv	vv	vv		vv	vv	vv	vv	vv
Hora			17									
Nivel Medio	33	34	59	49	58	39	30	25	24	24	32	41

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H817 PATATE DJ AMBATO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	36 *	31 *	16 *	28 *	31 *	18 *	29 *	27 *	-15 *	-15 *	28 *	45 *
2	33 *	10 *	15 *	19 *	20 *	19 *	15 *	29 *	-18 *	-18 *	27 *	18 *
3	36 *	27 *	18 *	20 *	20 *	41 *	30 *	15 *	-18 *	-18 *	33 *	33 *
4	34 *	25 *	30 *	18 *	21 *	20 *	9 *	9 *	-20 *	-20 *	18 *	26 *
5	32 *	23 *	31 *	19 *	26 *	30 *	10 *	6 *	-12 *	-12 *	24 *	10 *
6	33 *	24 *	32 *	19 *	25 *	31 *	12 *	4 *	-8 *	-8 *	6 *	9 *
7	40 *	18 *	26 *	15 *	22 *	33 *	4 *	3 *	-20 *	20 *	6 *	9 *
8	26 *	15 *	25 *	19 *	10 *	20 *	16 *	1 *	24 *	24 *	7 *	28 *
9	42 *	14 *	17 *	13 *	20 *	28 *	10 *	-15 *	22 *	22 *	10 *	25 *
10	29 *	21 *	14 *	35 *	12 *	8 *	2 *	1 *	13 *	13 *	9 *	26 *
11	30 *	20 *	14 *	36 *	11 *	4 *	55 *	15 *	11 *	11 *	11 *	24 *
12	40 *	18 *	12 *	24 *	20 *	2 *	49 *	9 *	9 *	9 *	13 *	26 *
13	29 *	23 *	11 *	23 *	15 *	10 *	30 *	2 *	7 *	7 *	15 *	24 *
14	36 *	11 *	13 *	27 *	20 *	12 *	18 *	-19 *	4 *	4 *	14 *	21 *
15	29 *	38 *	14 *	32 *	26 *	12 *	8 *	-15 *	12 *	12 *	11 *	19 *
16	40 *	37 *	30 *	36 *	40 *	25 *	15 *	-9 *	15 *	15 *	15 *	21 *
17	29 *	25 *	31 *	24 *	50 *	22 *	15 *	-5 *	20 *	20 *	15 *	32 *
18	27 *	26 *	15 *	18 *	62 *	35 *	35 *	-9 *	-8 *	8 *	33 *	18 *
19	36 *	15 *	14 *	30 *	82 *	33 *	8 *	-14 *	-4 *	4 *	28 *	44 *
20	40 *	11 *	16 *	21 *	85 *	56 *	12 *	-10 *	-6 *	6 *	23 *	24 *
21	28 *	13 *	17 *	23 *	81 *	42 *	15 *	-18 *	-23 *	23 *	25 *	23 *
22	35 *	14 *	20 *	36 *	50 *	34 *	6 *	-10 *	-18 *	18 *	20 *	18 *
23	34 *	12 *	28 *	20 *	52 *	33 *	7 *	8 *	-22 *	22 *	11 *	9 *
24	23 *	16 *	20 *	30 *	53 *	30 *	5 *	6 *	-34 *	34 *	15 *	18 *
25	20 *	15 *	90 *	37 *	55 *	65 *	10 *	4 *	-10 *	10 *	17 *	12 *
26	20 *	18 *	51 *	36 *	57 *	35 *	28 *	12 *	-25 *	25 *	19 *	11 *
27	35 *	30 *	51 *	20 *	40 *	30 *	20 *	18 *	-25 *	25 *	21 *	24 *
28	13 *	18 *	38 *	31 *	30 *	28 *	27 *	16 *	26 *	27 *	25 *	19 *
29	11 *		38 *	30 *	37 *	26 *	17 *	-6 *	27 *	26 *	30 *	12 *
30	9 *			32 *	31 *	24 *	29 *	-4 *	34 *	27 *	36 *	9 *
31	18 *		29 *		20 *		35 *	-20 *		34 *		7 *
Nivel Max.	42 *	38 *		37 *	85 *	65 *	55 *	29 *	34 *	34 *	36 *	45 *
Día	9	15		25	20	25	11	2	30	vv	30	1
Hora	17	17		17	17	17	17	17	17		17	17
Nivel Min.	9 *	10 *		13 *	10 *	2 *	2 *	-20 *	-34 *	-20 *	6 *	7 *
Día	30	2		9	8	12	10	31	24	4	vv	31
Hora	17	17		17	17	17	17	17	17	17		17
Nivel Medio	30	20	26	26	36	27	19	1	-2	11	19	21

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H881	BOMBOIZA AJ ZAMORA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	104 *	208 *	243 *	141 *	298 *	295 *	440 *	151 *	106 *	119 *	123 *	97 *
2	118 *	137 *	268 *	156 *	372 *	201 *	401 *	158 *	113 *	123 *	114 *	92 *
3	117 *	136 *	235 *	200 *	265 *		382 *	213 *	111 *	136 *	129 *	61 *
4	108 *	188 *	191 *	179 *	238 *		302 *	174 *	142 *	162 *	124 *	137 *
5	103 *	148 *	190 *	191 *			472 *	143 *	134 *	112 *	93 *	127 *
6	148 *	138 *	181 *	162 *	383 *		296 *	113 *	119 *	128 *	94 *	137 *
7	138 *	156 *		130 *	358 *	195 *	248 *	112 *	107 *	148 *	73 *	123 *
8	119 *	147 *	190 *	121 *	348 *	164 *	203 *	120 *	104 *	182 *	77 *	122 *
9	105 *	134 *	131 *	117 *	386 *	160 *	225 *	138 *	106 *	192 *	163 *	127 *
10	163 *	117 *	152 *	199 *	634 *	156 *	248 *	188 *	98 *	228 *	93 *	127 *
11	156 *	129 *	146 *	220 *	664 *	152 *	344 *	188 *	162 *	182 *	69 *	54 *
12	119 *	127 *	142 *	319 *	657 *	136 *	328 *	170 *		184 *	87 *	43 *
13	104 *	113 *	137 *	431 *	418 *	133 *	242 *	140 *		222 *	83 *	94 *
14	203 *	117 *	162 *	423 *	329 *	136 *		120 *		197 *	74 *	217 *
15	132 *	92 *	217 *	354 *	303 *	139 *		131 *	113 *	282 *	76 *	135 *
16	119 *	104 *	190 *	144 *	414 *	140 *		169 *	113 *	233 *	84 *	122 *
17	115 *	92 *	160 *	151 *		148 *	185 *	146 *	116 *	132 *	127 *	113 *
18	108 *	94 *	138 *		336 *	157 *	153 *	138 *	257 *	123 *	113 *	103 *
19	104 *	82 *	129 *		299 *	220 *	135 *	122 *	207 *	109 *	88 *	123 *
20	101 *	127 *	111 *	135 *	498 *	281 *	124 *	114 *	147 *	158 *	127 *	131 *
21	93 *	92 *	98 *	174 *		241 *	113 *	114 *	133 *	117 *	133 *	137 *
22	84 *	118 *	86 *	196 *	482 *	240 *	106 *	112 *	123 *	113 *	138 *	134 *
23	84 *	102 *	102 *	271 *	590 *	204 *	133 *	114 *	123 *	129 *	122 *	128 *
24	83 *	92 *	270 *	264 *	475 *	227 *	161 *	153 *	114 *	137 *	99 *	123 *
25	112 *	88 *	312 *	360 *	378 *	173 *	192 *		116 *	114 *	97 *	117 *
26	103 *	97 *	364 *	444 *	278 *	184 *	224 *	123 *	103 *	128 *	82 *	127 *
27	102 *	106 *	279 *	368 *	254 *	143 *	282 *	154 *	162 *	122 *	94 *	127 *
28	102 *	113 *	122 *	332 *	213 *	136 *	267 *	187 *	131 *	113 *	92 *	127 *
29	118 *		165 *	255 *	174 *	242 *	213 *	169 *	118 *	178 *	98 *	132 *
30	148 *		158 *	186 *	158 *	180 *	168 *	158 *	121 *	122 *	108 *	148 *
31	129 *		148 *		147 *			141 *				137 *
Nivel Max.	232 *	242 *									273 *	301 *
Día	14	4									9	14
Hora	6	6									17	17
Nivel Mín.	82 *	41 *									43 *	43 *
Día	25	24									11	12
Hora	6	6									6	6
Nivel Medio	117	121	180	236	369	184	244	146	129	154	102	120

NOTA: * DATOS LIMNIMETRICOS

2003

H884	ZAMORA AJ BOMBOIZA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	179 *	148 *	132 *	107 *	269 *	357 *	640 *	125 *	83 *	119 *	79 *	124 *
2	190 *	203 *	110 *	108 *	226 *	290 *	628 *	153 *	72 *	134 *	56 *	103 *
3	205 *	158 *	102 *	114 *	225 *	165 *	573 *	177 *	77 *	113 *	124 *	118 *
4	172 *	208 *	104 *	140 *	208 *	360 *	496 *		72 *	148 *	89 *	103 *
5	138 *	213 *	123 *	130 *	158 *	357 *	493 *		87 *	108 *	82 *	99 *
6	223 *	229 *	122 *	115 *	143 *	201 *	453 *		53 *	83 *	79 *	73 *
7	248 *	267 *		104 *	140 *		378 *		53 *	127 *	192 *	54 *
8	212 *	356 *	162 *	99 *	151 *		342 *	151 *	43 *	162 *	224 *	110 *
9	192 *	266 *	121 *	91 *	175 *	305 *	538 *	152 *	364 *	62 *	109 *	92 *
10	229 *	233 *	110 *	288 *	202 *	233 *	497 *	148 *	267 *	202 *	51 *	72 *
11	268 *	228 *	111 *	313 *	434 *	168 *	551 *	144 *	206 *	203 *	57 *	59 *
12	228 *	208 *	115 *	606 *	700 *	160 *	368 *	142 *	148 *	198 *	52 *	43 *
13	198 *	261 *	107 *	809 *	845 *	147 *	232 *	139 *	189 *	259 *	114 *	37 *
14	242 *	219 *	190 *	767 *	873 *	133 *		137 *	179 *	193 *	117 *	53 *
15	198 *	196 *	165 *	631 *	859 *	133 *		133 *	159 *	138 *	92 *	87 *
16	177 *	188 *	163 *	518 *	701 *	122 *		157 *	57 *	163 *	74 *	58 *
17	148 *	173 *	133 *	298 *	520 *	179 *	279 *	151 *	52 *	138 *	114 *	43 *
18	148 *	163 *	129 *		428 *	193 *	199 *	155 *	482 *	128 *	107 *	52 *
19	158 *	183 *	122 *		661 *	249 *	189 *	138 *	271 *	115 *	89 *	47 *
20	143 *	181 *	112 *	160 *	599 *	432 *	166 *	123 *	113 *	108 *	108 *	122 *
21	112 *	198 *	114 *	226 *	548 *	474 *	137 *	736 *	92 *	117 *	174 *	164 *
22	169 *	250 *	106 *	321 *	319 *	458 *	120 *	679 *	87 *	109 *	263 *	173 *
23	228 *	351 *	134 *	341 *		562 *	127 *	519 *	107 *	99 *	103 *	133 *
24	108 *	320 *	172 *	439 *	410 *	580 *	154 *	132 *	127 *	86 *	92 *	111 *
25	104 *	179 *	190 *	329 *	528 *	474 *	225 *	99 *	108 *	64 *	108 *	147 *
26	103 *	180 *	261 *	475 *	467 *	367 *	442 *	135 *	87 *	110 *	108 *	91 *
27	102 *	197 *	149 *	650 *	449 *	214 *	343 *	197 *	287 *	118 *	153 *	87 *
28	101 *		127 *	548 *	350 *	239 *	292 *	247 *	147 *	111 *	143 *	103 *
29	126 *		250 *	336 *	300 *	251 *	280 *	199 *	122 *	97 *	131 *	143 *
30	164 *		198 *	199 *	330 *	279 *	186 *	189 *	207 *		128 *	128 *
31			175 *		391 *			104 *				107 *
Nivel Max.									562 *		304 *	332 *
Día									18		22	
Hora									7		17	7
Nivel Mín.									42 *		42 *	0 *
Día									8		12	27
Hora									17		18	17
Nivel Medio	174	220	143	331	420	288	345	206	146	131	114	94

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H887	YACUAMBI AJ ZAMORA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	87 *	109 *	98 *	105 *	125 *	185 *	140 *	119 *	165 *	127 *	98 *	84 *
2	99 *	118 *	93 *	93 *	118 *	173 *	210 *	128 *	119 *	160 *	95 *	78 *
3	132 *	82 *	90 *	98 *	128 *	166 *	375 *	123 *	111 *	189 *	91 *	76 *
4	147 *	114 *	98 *	88 *	131 *	164 *	165 *	119 *	108 *	212 *	89 *	76 *
5	134 *	119 *	108 *	108 *	130 *	148 *	148 *	108 *	109 *	217 *	81 *	71 *
6	119 *	136 *	98 *	98 *	148 *	148 *	138 *	103 *	99 *	215 *	78 *	68 *
7	108 *	139 *	98 *	88 *	140 *	144 *	130 *	128 *	95 *	238 *	74 *	68 *
8	100 *	126 *	90 *	114 *	144 *	133 *	188 *	133 *	94 *	225 *	63 *	69 *
9	88 *	108 *	80 *	120 *	155 *	132 *	153 *	143 *	93 *	248 *	79 *	78 *
10	93 *	95 *	85 *	138 *	148 *	127 *	208 *	141 *	215 *	232 *	72 *	68 *
11	87 *	103 *	88 *	273 *	149 *	125 *	258 *	133 *	148 *	192 *	78 *	88 *
12	88 *	135 *	83 *	230 *	325 *	168 *	245 *	129 *	165 *	125 *	76 *	87 *
13	92 *	113 *	78 *	198 *	455 *	123 *	164 *	126 *	127 *	183 *	76 *	105 *
14	77 *	113 *	83 *	100 *	375 *	118 *	135 *	121 *	119 *	175 *	65 *	115 *
15	83 *	107 *	89 *	95 *	253 *	123 *	129 *	117 *	99 *	155 *	89 *	140 *
16	94 *	97 *	185 *	93 *	263 *	129 *	115 *	112 *	136 *	128 *	124 *	115 *
17	95 *	80 *	118 *	113 *	306 *	120 *	163 *	107 *	143 *	152 *	68 *	112 *
18	93 *	73 *	100 *	100 *	370 *	125 *	153 *	123 *	123 *	121 *	55 *	176 *
19	85 *	77 *	75 *	109 *	281 *	123 *	139 *	134 *	114 *	148 *	67 *	224 *
20	84 *	77 *	73 *	268 *	190 *	129 *	133 *	117 *	108 *	114 *	77 *	279 *
21	85 *	108 *	80 *	113 *	178 *	128 *	125 *	107 *	103 *	112 *	71 *	265 *
22	93 *	105 *	78 *	123 *	188 *	128 *	130 *	103 *	94 *	109 *	66 *	223 *
23	87 *	93 *	113 *	128 *	176 *	146 *	135 *	133 *	91 *	108 *	60 *	191 *
24	94 *	83 *	98 *	190 *	163 *	261 *	133 *	128 *	115 *	105 *	85 *	283 *
25	93 *	88 *	108 *	128 *	172 *	235 *	130 *	130 *	185 *	105 *	86 *	199 *
26	90 *	78 *	125 *	112 *	169 *	361 *	138 *	140 *	207 *	103 *	77 *	132 *
27	77 *	96 *	99 *	162 *	165 *	170 *	148 *	177 *	120 *	152 *	63 *	113 *
28	87 *	120 *	93 *	202 *	160 *	200 *	163 *	203 *	109 *	355 *	88 *	110 *
29	116 *		113 *	170 *	188 *	158 *	128 *	205 *	121 *	418 *	165 *	98 *
30	148 *		91 *	135 *	188 *	175 *	143 *	205 *	120 *	341 *	95 *	105 *
31	186 *		90 *		182 *		133 *	165 *		139 *		118 *
Nivel Max.	246 *	147 *	220 *	400 *	475 *	365 *	400 *	210 *	280 *	508 *	180 *	288 *
Día	31	7	16	11	13	26	3	30	10	28	29	24
Hora	17	7	7	17	7	7	17	17	7	17	7	17
Nivel Min.	75 *	70 *	70 *	75 *	115 *	100 *	114 *	100 *	85 *	100 *	54 *	62 *
Día	14	18	20	16	2	30	16	6	17	27	18	8
Hora	17	17	17	7	17	17	7	17	17	6	17	17
Nivel Medio	101	103	96	136	202	159	161	134	125	180	81	129

NOTA: * DATOS LIMNIMETRICOS

2003

H889	ZAMORA DJ SABANILLA(EN ZAMORA)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	58 *	38 *	83 *	88 *	144 *	162 *	293 *	86 *	44 *	81 *	33 *	28 *
2	62 *	35 *	68 *	117 *	171 *	189 *	287 *	83 *	45 *	85 *	31 *	27 *
3	64 *	42 *	49 *	144 *	138 *	169 *	281 *	79 *	46 *	95 *	30 *	27 *
4	68 *	55 *	54 *	155 *	108 *	188 *	260 *	75 *	43 *	89 *	29 *	26 *
5	64 *	55 *	57 *	148 *	91 *	144 *	266 *	71 *	44 *	83 *	31 *	26 *
6	68 *	54 *	68 *	178 *	170 *	118 *	253 *	67 *	48 *	82 *	35 *	26 *
7	74 *	65 *	83 *	187 *	96 *	104 *	266 *	64 *	48 *	78 *	40 *	26 *
8	80 *	68 *	91 *	194 *	108 *	103 *	242 *	68 *	45 *	75 *	38 *	27 *
9	84 *	75 *	117 *	183 *	131 *	97 *	215 *	74 *	42 *	71 *	33 *	27 *
10	87 *	82 *	129 *	171 *	149 *	95 *	190 *	76 *	39 *	67 *	31 *	28 *
11	84 *	88 *	120 *	179 *	161 *	88 *	168 *	75 *	37 *	65 *	30 *	30 *
12	86 *	94 *	111 *	161 *	178 *	90 *	167 *	69 *	35 *	62 *	29 *	37 *
13	82 *	97 *	125 *	162 *	205 *	96 *	177 *	62 *	44 *	58 *	31 *	39 *
14	88 *	81 *	123 *	141 *	194 *	112 *	197 *	60 *	42 *	52 *	30 *	44 *
15	94 *	84 *	117 *	134 *	205 *	103 *	215 *	58 *	49 *	47 *	30 *	122 *
16	92 *	87 *	104 *	137 *	180 *	113 *	234 *	53 *	55 *	45 *	31 *	128 *
17	95 *	95 *	87 *	163 *	233 *	97 *	260 *	54 *	58 *	45 *	31 *	145 *
18	89 *	109 *	75 *	180 *	250 *	94 *	254 *	58 *	66 *	43 *	31 *	151 *
19	82 *	99 *	70 *	197 *	214 *	123 *	239 *	64 *	63 *	41 *	32 *	136 *
20	97 *	114 *	51 *	202 *	141 *	171 *	200 *	61 *	69 *	39 *	30 *	148 *
21	110 *	109 *	44 *	249 *	132 *	211 *	176 *	56 *	81 *	38 *	28 *	139 *
22	116 *	115 *	37 *	197 *	127 *	266 *	158 *	69 *	86 *	37 *	27 *	94 *
23	107 *	105 *	38 *	154 *	133 *	287 *	146 *	74 *	86 *	37 *	27 *	108 *
24	99 *	102 *	45 *	125 *	119 *	311 *	138 *	75 *	89 *	35 *	29 *	176 *
25	90 *	92 *	55 *	141 *	115 *	324 *	129 *	70 *	96 *	34 *	30 *	139 *
26	72 *	85 *	65 *	121 *	112 *	339 *	123 *	73 *	94 *	32 *	31 *	108 *
27	67 *	79 *	64 *	102 *	117 *	344 *	114 *	68 *	95 *	31 *	28 *	86 *
28	60 *	87 *	71 *	130 *	120 *	334 *	98 *	64 *	92 *	39 *	30 *	79 *
29	55 *		81 *	153 *	123 *	328 *	95 *	51 *	86 *	41 *	29 *	69 *
30	49 *		78 *	113 *	126 *	324 *	92 *	47 *	83 *	38 *	30 *	63 *
31	42 *				130 *		84 *	48 *		35 *		79 *
Nivel Max.	117 *	119 *		263 *	263 *	348 *	300 *	89 *	99 *	96 *	41 *	217 *
Día	22	20		21	18	27	1	1	25	3	7	24
Hora	7	7		7	18	7	7	7	18	7	18	14
Nivel Min.	40 *	34 *		86 *	83 *	84 *	82 *	46 *	35 *	30 *	26 *	25 *
Día	31	2		1	5	11	31	30	12	27	22	7
Hora	18	7		18	7	18	18	18	7	7	7	18
Nivel Medio	79	82	78	157	149	184	194	66	61	55	31	77

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H894	PAUTE EN PAUTE(DJ GUALACEO)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	134 *	180 *	166 *	130 *	210 *	175 *	212 *	175 *	128 *	150 *	120 *	165 *
2	130 *	142 *	142 *	130 *	203 *	150 *	175 *	154 *	125 *	153 *	114 *	143 *
3	173 *	135 *	128 *	128 *	200 *	164 *	195 *	193 *	122 *	140 *	110 *	137 *
4	159 *	130 *	125 *	122 *	190 *	152 *	190 *	190 *	120 *	138 *	108 *	130 *
5	150 *	140 *	123 *	112 *	178 *	225 *	166 *	147 *	150 *	133 *	110 *	123 *
6	150 *	147 *	135 *	120 *	165 *	180 *	162 *	140 *	140 *	198 *	107 *	120 *
7	177 *	150 *	130 *	124 *	185 *	175 *	150 *	142 *	132 *	195 *	112 *	118 *
8	158 *	152 *	128 *	120 *	197 *	178 *	214 *	138 *	124 *	162 *	110 *	120 *
9	138 *	149 *	130 *	136 *	190 *	167 *	165 *	128 *	122 *	176 *	117 *	119 *
10	140 *	146 *	132 *	178 *	178 *	148 *	211 *	145 *	142 *	150 *	113 *	118 *
11	138 *	147 *	130 *	146 *	184 *	150 *	362 *	183 *	147 *	142 *	140 *	117 *
12	166 *	129 *	139 *	162 *	402 *	145 *	212 *	190 *	127 *	135 *	134 *	110 *
13	142 *	128 *	138 *	178 *	420 *	150 *	190 *	170 *	160 *	194 *	133 *	145 *
14	131 *	122 *	140 *	220 *	315 *	143 *	185 *	158 *	164 *	207 *	130 *	132 *
15	136 *	128 *	142 *	184 *	338 *	140 *	178 *	143 *	133 *	189 *	124 *	157 *
16	132 *	140 *	150 *	154 *	325 *	150 *	157 *	135 *	130 *	170 *	121 *	150 *
17	130 *	120 *	154 *	146 *	280 *	148 *	162 *	132 *	120 *	133 *	160 *	143 *
18	125 *	115 *	140 *	140 *	430 *	145 *	151 *	168 *	131 *	128 *	159 *	140 *
19	120 *	110 *	164 *	152 *	345 *	158 *	148 *	154 *	167 *	120 *	196 *	340 *
20	138 *	112 *	130 *	150 *	400 *	178 *	152 *	160 *	149 *	120 *	157 *	323 *
21	183 *	114 *	120 *	160 *	390 *	200 *	173 *	148 *	140 *	142 *	184 *	311 *
22	174 *	113 *	118 *	177 *	248 *	178 *	166 *	142 *	134 *	132 *	240 *	194 *
23	153 *	117 *	122 *	192 *	215 *	173 *	150 *	129 *	179 *	147 *	218 *	170 *
24	130 *	110 *	142 *	335 *	200 *	194 *	183 *	120 *	156 *	124 *	145 *	208 *
25	126 *	112 *	158 *	347 *	257 *	345 *	194 *	131 *	142 *	115 *	136 *	175 *
26	128 *	115 *	203 *	340 *	215 *	280 *	225 *	130 *	130 *	120 *	143 *	170 *
27	130 *	147 *	184 *	332 *	198 *	230 *	190 *	125 *	127 *	130 *	127 *	210 *
28	120 *	150 *	180 *	270 *	172 *	192 *	218 *	150 *	185 *	128 *	124 *	174 *
29	119 *		152 *	210 *	192 *	215 *	175 *	155 *	293 *	182 *	195 *	156 *
30	125 *		154 *	219 *	193 *	232 *	190 *	146 *	150 *	137 *	217 *	147 *
31	134 *		142 *		195 *		248 *	137 *		123 *		138 *
Nivel Max.	183 *	180 *	203 *	347 *	430 *	345 *	362 *	193 *	293 *	207 *	240 *	340 *
Día	21	1	26	25	18	25	11	3	29	14	22	19
Hora	17	17	17	17	17	17	17	17	15	13	17	17
Nivel Min.	119 *	110 *	118 *	112 *	165 *	140 *	148 *	120 *	120 *	115 *	107 *	110 *
Día	29	vv	22	5	6	15	19	24	vv	25	6	17
Hora	16		15	17	17	18	17	15		16	17	17
Nivel Medio	142	132	143	184	252	182	189	150	146	149	143	165

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H895	TOMBAMBA EN MONAY											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	34 *	29 *	36 *	43 *	66 *	44 *	56 *	52 *	13 *	27 *	8 *	47 *
2	30 *	33 *	32 *	38 *	61 *	39 *	47 *	44 *	11 *	18 *	5 *	41 *
3	26 *	30 *	33 *	33 *	53 *	36 *	50 *	39 *	12 *	15 *	6 *	34 *
4	25 *	28 *	30 *	28 *	47 *	35 *	70 *	37 *	15 *	18 *	5 *	30 *
5	23 *	26 *	18 *	23 *	57 *	57 *	55 *	34 *	18 *	14 *	5 *	27 *
6	24 *	23 *	13 *	18 *	53 *	51 *	42 *	29 *	16 *	43 *	8 *	20 *
7	24 *	20 *	10 *	15 *	84 *	58 *	36 *	30 *	19 *	24 *	19 *	14 *
8	21 *	18 *	10 *	24 *	83 *	54 *	35 *	26 *	19 *	48 *	32 *	16 *
9	22 *	14 *	10 *	10 *	75 *	51 *	31 *	31 *	43 *	44 *	26 *	12 *
10	20 *	11 *	8 *	17 *	50 *	47 *	53 *	29 *	23 *	39 *	19 *	12 *
11	18 *	9 *	16 *	41 *	64 *	41 *	149 *	38 *	52 *	33 *	22 *	9 *
12	16 *	6 *	13 *	130 *	179 *	37 *	93 *	38 *	26 *	28 *	22 *	12 *
13	13 *	14 *	17 *	137 *	168 *	33 *	99 *	32 *	28 *	24 *	14 *	58 *
14	16 *	41 *	26 *	96 *	133 *	32 *	74 *	31 *	24 *	19 *	25 *	93 *
15	16 *	19 *	22 *	73 *	106 *	77 *	60 *	28 *	20 *	36 *	26 *	94 *
16	11 *	12 *	73 *	81 *	102 *	69 *	46 *	25 *	17 *	24 *	21 *	54 *
17	7 *	10 *	52 *	74 *	102 *	61 *	57 *	24 *	37 *	20 *	80 *	50 *
18	7 *	7 *	39 *	63 *	202 *	58 *	52 *	27 *	32 *	14 *	53 *	50 *
19	14 *	5 *	28 *	52 *	178 *	52 *	46 *	25 *	31 *	11 *	57 *	124 *
20	11 *	6 *	23 *	73 *	121 *	37 *	42 *	24 *	26 *	8 *	55 *	117 *
21	11 *	14 *	19 *	110 *	101 *	63 *	36 *	21 *	22 *	14 *	62 *	106 *
22	9 *	14 *	15 *	152 *	81 *	92 *	34 *	18 *	21 *	21 *	77 *	94 *
23	6 *	7 *	18 *	104 *	76 *	74 *	32 *	15 *	26 *	14 *	69 *	67 *
24	4 *	5 *	39 *	144 *	67 *	61 *	23 *	15 *	23 *	10 *	47 *	103 *
25	6 *	4 *	90 *	125 *	62 *	107 *	35 *	15 *	20 *	7 *	38 *	99 *
26	8 *	6 *	63 *	94 *	53 *	98 *	51 *	14 *	17 *	14 *	33 *	93 *
27	6 *	28 *	51 *	77 *	44 *	88 *	44 *	14 *	13 *	26 *	37 *	75 *
28	3 *	46 *	42 *	94 *	39 *	73 *	45 *	15 *	20 *	21 *	90 *	70 *
29	5 *		36 *	83 *	43 *	66 *	43 *	18 *	28 *	20 *	70 *	64 *
30	8 *		44 *	79 *	44 *	62 *	47 *	15 *	21 *	16 *	54 *	59 *
31	17 *		44 *		48 *		56 *	14 *		11 *		54 *
Nivel Max.	35 *	52 *	107 *	220 *	207 *	109 *	155 *	53 *	55 *	55 *	98 *	129 *
Día	1	28	25	12	18	25	11	1	11	8	22	19
Hora	7	7	7	18	7	7	7	7	7	18	18	18
Nivel Min.	2 *	3 *	7 *	9 *	38 *	30 *	22 *	13 *	10 *	6 *	4 *	8 *
Día	28	25	10	9	28	14	24	27	2	28	4	11
Hora	17	17	17	18	18	7	17	17	17	18	18	18
Nivel Medio	15	17	31	71	85	58	53	26	23	22	36	58

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H896	MATADERO EN SAYAUSI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	80 *	48 *	70 *	76 *	107 *	99 *	99 *	104 *	62 *	70 *	56 *	95 *
2	76 *	66 *	64 *	71 *	103 *	97 *	99 *	101 *	61 *	69 *	55 *	89 *
3	73 *	77 *	61 *	69 *	100 *	93 *	109 *	99 *	61 *	68 *	54 *	84 *
4	70 *	74 *	58 *	67 *	99 *	95 *	109 *	93 *	63 *	78 *	55 *	81 *
5	68 *	78 *	56 *	64 *	99 *	99 *	101 *	87 *	62 *	78 *	54 *	76 *
6	68 *	81 *	56 *	63 *	99 *	107 *	98 *	81 *	61 *	76 *	51 *	72 *
7	65 *	79 *	55 *	61 *	99 *	100 *	98 *	81 *	61 *	75 *	51 *	69 *
8	64 *	76 *	53 *	61 *	130 *	98 *	94 *	78 *	90 *	75 *	52 *	67 *
9	64 *	75 *	52 *	61 *	110 *	94 *	95 *	79 *	79 *	97 *	52 *	65 *
10	62 *	74 *	51 *	82 *	105 *	90 *	96 *	82 *	78 *	91 *	55 *	61 *
11	61 *	70 *	51 *	88 *	118 *	88 *	162 *	90 *	78 *	86 *	64 *	59 *
12	61 *	67 *	57 *	184 *	164 *	88 *	129 *	88 *	79 *	80 *	67 *	61 *
13	60 *	63 *	54 *	167 *	156 *	84 *	110 *	84 *	82 *	78 *	63 *	73 *
14	58 *	60 *	57 *	140 *	159 *	89 *	100 *	81 *	76 *	76 *	60 *	99 *
15	59 *	56 *	59 *	122 *	158 *	93 *	99 *	78 *	70 *	71 *	59 *	104 *
16	58 *	53 *	74 *	105 *	157 *	91 *	99 *	75 *	69 *	71 *	58 *	97 *
17	56 *	50 *	79 *	103 *	178 *	92 *	98 *	73 *	71 *	69 *	105 *	86 *
18	54 *	49 *	76 *	110 *	193 *	98 *	96 *	71 *	74 *	68 *	86 *	90 *
19	52 *	49 *	70 *	108 *	184 *	98 *	91 *	70 *	78 *	66 *	80 *	150 *
20	50 *	49 *	66 *	105 *	145 *	99 *	89 *	70 *	81 *	69 *	79 *	155 *
21	50 *	49 *	60 *	107 *	132 *	99 *	87 *	69 *	79 *	69 *	99 *	132 *
22	49 *	48 *	56 *	144 *	118 *	99 *	85 *	69 *	74 *	65 *	140 *	115 *
23	49 *	48 *	80 *	139 *	113 *	100 *	84 *	69 *	71 *	63 *	139 *	105 *
24	48 *	46 *	89 *	158 *	108 *	109 *	84 *	68 *	69 *	61 *	110 *	99 *
25	48 *	46 *	80 *	147 *	105 *	137 *	101 *	68 *	68 *	59 *	99 *	103 *
26	48 *	48 *	104 *	138 *	102 *	127 *	106 *	68 *	73 *	59 *	92 *	100 *
27	46 *	49 *	91 *	118 *	98 *	121 *	99 *	68 *	79 *	77 *	84 *	100 *
28	46 *	83 *	87 *	123 *	96 *	111 *	99 *	68 *	78 *	70 *	85 *	99 *
29	45 *		78 *	117 *	91 *	105 *	99 *	67 *	78 *	63 *	129 *	91 *
30	45 *		78 *	109 *	88 *	103 *	99 *	64 *	73 *	58 *	108 *	87 *
31	44 *		79 *		86 *		111 *	61 *		56 *		83 *
Nivel Max.	82 *	84 *	108 *	268 *	209 *	138 *	165 *	104 *	118 *	99 *	164 *	168 *
Día	1	28	26	12	19	25	11	1	8	9	22	20
Hora	7	7	7	18	7	7	6	7	17	7	18	7
Nivel Min.	44 *	46 *	51 *	61 *	84 *	84 *	84 *	61 *	61 *	56 *	51 *	59 *
Día	31	vv	vv	vv	31	13	vv	31	vv	31	vv	11
Hora	18				18	7		18		18		18
Nivel Medio	57	61	68	107	122	100	101	77	73	71	78	92

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H897	SURUCUCHO AJ LLULLUCCHAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	39 *	45 *	53 *	68 *	69 *	50 *	66 *	45 *	49 *	46 *	53 *
2	54 *	40 *	44 *	50 *	66 *	65 *	51 *	64 *	45 *	50 *	45 *	52 *
3	55 *	41 *	45 *	48 *	65 *	62 *	53 *	63 *	44 *	51 *	45 *	51 *
4	53 *	44 *	45 *	47 *	63 *	62 *	56 *	61 *	44 *	50 *	44 *	50 *
5	52 *	48 *	46 *	46 *	62 *	64 *	59 *	60 *	44 *	52 *	44 *	55 *
6	52 *	48 *	47 *	45 *	63 *	62 *	61 *	61 *	43 *	53 *	43 *	49 *
7	53 *	49 *	46 *	46 *	63 *	59 *	62 *	60 *	43 *	53 *	43 *	47 *
8	53 *	50 *	45 *	49 *	64 *	56 *	60 *	59 *	44 *	52 *	42 *	47 *
9	52 *	51 *	45 *	51 *	65 *	55 *	62 *	58 *	45 *	53 *	43 *	46 *
10	50 *	52 *	43 *	55 *	66 *	55 *	65 *	57 *	45 *	53 *	44 *	47 *
11	49 *	50 *	43 *	59 *	69 *	53 *	68 *	58 *	45 *	53 *	46 *	48 *
12	48 *	51 *	42 *	64 *	73 *	54 *	70 *	59 *	43 *	52 *	46 *	49 *
13	47 *	52 *	41 *	69 *	78 *	54 *	70 *	58 *	42 *	52 *	46 *	50 *
14	46 *	53 *	41 *	72 *	82 *	53 *	69 *	56 *	40 *	53 *	46 *	51 *
15	44 *	53 *	42 *	73 *	86 *	53 *	67 *	54 *	40 *	53 *	47 *	53 *
16	43 *	52 *	42 *	72 *	90 *	52 *	65 *	53 *	40 *	53 *	47 *	55 *
17	43 *	50 *	43 *	71 *	94 *	52 *	64 *	52 *	41 *	54 *	47 *	56 *
18	42 *	49 *	43 *	71 *	100 *	54 *	63 *	52 *	41 *	53 *	48 *	60 *
19	43 *	48 *	42 *	70 *	102 *	53 *	66 *	53 *	42 *	53 *	51 *	63 *
20	44 *	46 *	41 *	70 *	103 *	55 *	65 *	53 *	43 *	52 *	56 *	64 *
21	43 *	45 *	40 *	72 *	100 *	56 *	59 *	52 *	43 *	53 *	62 *	65 *
22	42 *	44 *	42 *	74 *	97 *	57 *	63 *	50 *	44 *	53 *	68 *	65 *
23	41 *	43 *	44 *	73 *	93 *	59 *	58 *	49 *	44 *	52 *	69 *	67 *
24	40 *	42 *	45 *	74 *	91 *	61 *	59 *	48 *	44 *	50 *	67 *	67 *
25	39 *	41 *	47 *	70 *	87 *	62 *	61 *	47 *	45 *	50 *	64 *	66 *
26	38 *	41 *	50 *	69 *	86 *	59 *	63 *	46 *	45 *	49 *	62 *	65 *
27	39 *	43 *	52 *	69 *	84 *	55 *	63 *	45 *	46 *	45 *	59 *	64 *
28	40 *	40 *	53 *	66 *	82 *	52 *	63 *	45 *	46 *	47 *	57 *	63 *
29	38 *		54 *	67 *	79 *	51 *	64 *	45 *	48 *	46 *	54 *	60 *
30	38 *		55 *	68 *	77 *	50 *	66 *	45 *	48 *	46 *	54 *	59 *
31	38 *				75 *		67 *	45 *		45 *		57 *
Nivel Max.	55 *	53 *		77 *	103 *	70 *	71 *	66 *	48 *	54 *	70 *	67 *
Día	vv	vv		24	20	1	14	1	vv	15	22	vv
Hora				6	6	6	6	6		6	18	
Nivel Min.	37 *	35 *		45 *	61 *	49 *	49 *	44 *	40 *	44 *	42 *	46 *
Día	31	1		6	5	30	1	28	vv	27	9	8
Hora	6	6		18	18	18	18	18		6	6	18
Nivel Medio	45	46	45	63	80	56	62	54	44	51	51	56

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H899	SAN FRANCISCO EN GUALACEO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	134 *	112 *	137 *	142 *	118 *	84 *	116 *	75 *	96 *		102 *	72 *
2	127 *	116 *	137 *	148 *	111 *	90 *	114 *	73 *	98 *		100 *	72 *
3	116 *	122 *	131 *	133 *	103 *	98 *	116 *	71 *	102 *		98 *	76 *
4	116 *	127 *	125 *	129 *	98 *	96 *	115 *	69 *	102 *		96 *	79 *
5	120 *	133 *	129 *	123 *	91 *	101 *	113 *	67 *	104 *		94 *	81 *
6	124 *	128 *	134 *	118 *	98 *	99 *	111 *	65 *	108 *		92 *	78 *
7	132 *	123 *	139 *	109 *	107 *	95 *	112 *	63 *	112 *		90 *	76 *
8	138 *	112 *	143 *	103 *	107 *	92 *	110 *	61 *	112 *		88 *	74 *
9	137 *	117 *	147 *	112 *	113 *	87 *	108 *	59 *	110 *		86 *	72 *
10	128 *	127 *	143 *	109 *	119 *	83 *	111 *	57 *	108 *		88 *	70 *
11	119 *	120 *	138 *	118 *	124 *	80 *	114 *	59 *	106 *		91 *	68 *
12	130 *	112 *	142 *	126 *	129 *	78 *	114 *	59 *	104 *		89 *	66 *
13	138 *	118 *	145 *	123 *	133 *	76 *	112 *	101 *	102 *		90 *	64 *
14	145 *	123 *	151 *	117 *	127 *	79 *	110 *	101 *	100 *		95 *	62 *
15	148 *	128 *	147 *	108 *	122 *	82 *	108 *	97 *	98 *		95 *	64 *
16	140 *	134 *	138 *	108 *	127 *	87 *		93 *	93 *		93 *	64 *
17	133 *	128 *	153 *	112 *	131 *	86 *		89 *	96 *		91 *	62 *
18	124 *	134 *	143 *	106 *	138 *	84 *		91 *	94 *		89 *	60 *
19	136 *	142 *	137 *	98 *	137 *	82 *		95 *	92 *		87 *	58 *
20	133 *	141 *	131 *	92 *	138 *	88 *		99 *	90 *		85 *	56 *
21	123 *	133 *	134 *	96 *	128 *	92 *		103 *	88 *		83 *	54 *
22	125 *	139 *	139 *	103 *	122 *	94 *		106 *	86 *		81 *	52 *
23	132 *	134 *	132 *	110 *	117 *	96 *		108 *	84 *		79 *	50 *
24	130 *	128 *	127 *	118 *	112 *	101 *		106 *	88 *		77 *	48 *
25	128 *	122 *	122 *	116 *	107 *	104 *		104 *	94 *		75 *	46 *
26	134 *	123 *	117 *	111 *	102 *	107 *		102 *	98 *		73 *	48 *
27	128 *	128 *	126 *	106 *	96 *	107 *		104 *	104 *		75 *	48 *
28	117 *	132 *	131 *	97 *	89 *	107 *		104 *	110 *		75 *	46 *
29	107 *		127 *	88 *	79 *	110 *		102 *	108 *		73 *	48 *
30	98 *		131 *	78 *	73 *	113 *		100 *	106 *		71 *	48 *
31	103 *		137 *		78 *			98 *				50 *
Nivel Max.	150 *	145 *	155 *	150 *	140 *	114 *		108 *	113 *		102 *	81 *
Día	15	19	17	2	20	30		23	7		1	5
Hora	18	18	18	18	6	18		18	18		6	18
Nivel Mín.	95 *	108 *	115 *	75 *	71 *	75 *		56 *	83 *		70 *	45 *
Día	30	11	26	30	30	13		10	23		30	28
Hora	18	18	18	18	18	18		18	18		18	18
Nivel Medio	127	126	136	112	112	92		86	99		86	61

NOTA: * DATOS LIMNIMETRICOS

2003

H900	PAUTE AJ DUDAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	107 *	117 *	122 *	100 *	163 *	171 *	159 *	157 *	89 *	120 *	96 *	119 *
2	104 *	118 *	117 *	95 *	160 *	158 *	150 *	128 *	87 *	113 *	94 *	108 *
3	102 *	121 *	103 *	93 *	161 *	149 *	182 *	117 *	86 *	110 *	92 *	102 *
4	103 *	144 *	98 *	92 *	148 *	136 *	218 *	122 *	118 *	112 *	90 *	99 *
5	100 *	120 *	121 *	97 *	133 *	128 *	146 *	120 *	113 *	104 *	88 *	97 *
6	99 *	126 *	116 *	99 *	165 *	194 *	124 *	116 *	106 *	98 *	86 *	94 *
7	132 *	142 *	110 *	94 *	154 *	168 *	118 *	115 *	95 *	119 *	85 *	92 *
8	128 *	146 *	102 *	91 *	266 *	147 *	115 *	114 *	88 *	143 *	112 *	90 *
9	109 *	120 *	103 *	90 *	174 *	132 *	114 *	117 *	117 *	179 *	100 *	89 *
10	110 *	117 *	105 *	124 *	156 *	124 *	118 *	166 *	94 *	137 *	91 *	88 *
11	130 *	108 *	102 *	113 *	155 *	120 *	286 *	290 *	130 *	129 *	88 *	86 *
12	109 *	106 *	113 *	141 *	326 *	118 *	225 *	173 *	143 *	120 *	119 *	85 *
13	107 *	103 *	108 *	285 *	400 *	118 *	258 *	119 *	141 *	132 *	99 *	101 *
14	124 *	100 *	105 *	220 *	390 *	116 *	154 *	115 *	124 *	173 *	92 *	136 *
15	108 *	97 *	102 *	151 *	325 *	116 *	137 *	113 *	100 *	151 *	88 *	158 *
16	100 *	95 *	112 *	129 *	380 *	119 *	124 *	111 *	85 *	130 *	90 *	123 *
17	98 *	97 *	137 *	115 *	290 *	117 *	120 *	148 *	83 *	119 *	127 *	125 *
18	95 *	88 *	118 *	126 *	505 *	120 *	153 *	159 *	276 *	110 *	162 *	149 *
19	92 *	85 *	108 *	120 *	436 *	115 *	159 *	160 *	168 *	98 *	153 *	292 *
20	110 *	82 *	98 *	116 *	287 *	142 *	147 *	127 *	127 *	96 *	141 *	299 *
21	100 *	84 *	93 *	112 *	231 *	160 *	140 *	112 *	121 *	97 *	164 *	186 *
22	92 *	87 *	84 *	167 *	202 *	154 *	128 *	95 *	134 *	96 *	180 *	155 *
23	86 *	88 *	82 *	160 *	174 *	138 *	114 *	90 *	122 *	94 *	144 *	147 *
24	85 *	86 *	116 *	164 *	167 *	156 *	156 *	87 *	116 *	92 *	128 *	149 *
25	84 *	87 *	123 *	295 *	161 *	298 *	208 *	100 *	110 *	91 *	106 *	147 *
26	81 *	85 *	172 *	189 *	156 *	280 *	217 *	107 *	99 *	90 *	102 *	149 *
27	85 *	100 *	113 *	169 *	140 *	252 *	152 *	118 *	108 *	109 *	100 *	148 *
28	94 *	119 *	109 *	230 *	142 *	178 *	149 *	142 *	104 *	112 *	99 *	150 *
29	100 *		111 *	214 *	139 *	163 *	147 *	123 *	106 *	102 *	168 *	137 *
30	118 *		107 *	178 *	147 *	170 *	166 *	107 *	108 *	100 *	134 *	116 *
31	123 *		107 *		166 *		285 *	98 *		98 *		105 *
Nivel Max.	132 *	146 *	172 *	295 *	505 *	298 *	286 *	290 *	276 *	179 *	180 *	299 *
Día	7	8	26	25	18	25	11	11	18	9	22	20
Hora	7	7	7	7	7	7	7	7	7	7	7	7
Nivel Mín.	81 *	82 *	82 *	90 *	133 *	115 *	114 *	87 *	83 *	90 *	85 *	85 *
Día	26	20	23	9	5	19	vv	24	17	26	7	12
Hora	7	7	7	7	7	7		7	7	7	7	7
Nivel Medio	104	106	110	146	226	155	164	128	117	115	114	133

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

H902	DUDAS EN PINDILIG											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	20 *	15 *	14 *	14 *	18 *	46 *	37 *	43 *	32 *	29 *	20 *	19 *
2	20 *	19 *	13 *	14 *	15 *	42 *	36 *	42 *	31 *	28 *	20 *	18 *
3	22 *	18 *	13 *	15 *	17 *	39 *		42 *	32 *	27 *	19 *	18 *
4	21 *	17 *	13 *	16 *	16 *	36 *		41 *	37 *	27 *	19 *	17 *
5	20 *	17 *	12 *	16 *	29 *	54 *	34 *	40 *	38 *	26 *	19 *	16 *
6	22 *	17 *	12 *	16 *	44 *	41 *	38 *	40 *	35 *	26 *	19 *	16 *
7	22 *	17 *	12 *	15 *	36 *	32 *	41 *	40 *	32 *	26 *	19 *	16 *
8	21 *	19 *	12 *	15 *	28 *	38 *	40 *	39 *	30 *	30 *	19 *	16 *
9	21 *	19 *	12 *	14 *	26 *	36 *	43 *	38 *	29 *	31 *	19 *	15 *
10	20 *	17 *	12 *	18 *	23 *	35 *	49 *	48 *	28 *	30 *	18 *	15 *
11	20 *	18 *	11 *	14 *	30 *	33 *	63 *	50 *	35 *	29 *	18 *	15 *
12	19 *	21 *	11 *	34 *	97 *	31 *	107 *	47 *	30 *	28 *	18 *	16 *
13	18 *	17 *	11 *	31 *	98 *	31 *	97 *	41 *	30 *	32 *	18 *	17 *
14	19 *	17 *	11 *	22 *	70 *	30 *	78 *	36 *	29 *	35 *	18 *	18 *
15	18 *	16 *	11 *	20 *	60 *	30 *	57 *	36 *	28 *	31 *	18 *	20 *
16	17 *	15 *	11 *	19 *	57 *	30 *	46 *	36 *	26 *	27 *	17 *	19 *
17	22 *	15 *	15 *	12 *	53 *	29 *	42 *	42 *	26 *	26 *	26 *	19 *
18	22 *	14 *	14 *	11 *	93 *	29 *	49 *	45 *	54 *	25 *	25 *	41 *
19	22 *	13 *	13 *	11 *	100 *	29 *	45 *	43 *	45 *	23 *	23 *	34 *
20	22 *	13 *	13 *	10 *	77 *	36 *	42 *	35 *	30 *	23 *	22 *	30 *
21	22 *	13 *	13 *	12 *	53 *	34 *	40 *	35 *	29 *	24 *	24 *	30 *
22	22 *	12 *	12 *	12 *	50 *	33 *	40 *	34 *	36 *	24 *	23 *	30 *
23	21 *	12 *	12 *	11 *	47 *	44 *	39 *	33 *	32 *	22 *	22 *	42 *
24	21 *	12 *	12 *	11 *	45 *	48 *	38 *	32 *	29 *	21 *	21 *	34 *
25	20 *	12 *	12 *	11 *	43 *	88 *	48 *	31 *	29 *	20 *	20 *	31 *
26	20 *	12 *	12 *	31 *	43 *	51 *	38 *	40 *	29 *	20 *	20 *	27 *
27	20 *	12 *	12 *	38 *	41 *	46 *	40 *	35 *	30 *	20 *	20 *	20 *
28	20 *	23 *	16 *	19 *	39 *	41 *	40 *	34 *	30 *	20 *	20 *	18 *
29	20 *		16 *	16 *	38 *	40 *	38 *	34 *	29 *	20 *	20 *	21 *
30	20 *		12 *	15 *	36 *	40 *	40 *	34 *	30 *	20 *	20 *	21 *
31	20 *		23 *		45 *		50 *	33 *		20 *		
Nivel Max.	23 *	25 *	25 *	50 *	104 *	89 *		52 *	62 *	36 *	26 *	
Día	6	28	31	27	13	25		11	18	14	17	
Hora	17	7	7	17	7	7		17	17	7	7	
Nivel Min.	16 *	11 *	11 *	10 *	14 *	29 *		30 *	26 *	20 *	17 *	
Día	16	26	vv	20	2	vv		25	vv	vv	16	
Hora	17	17		7	17			17			17	
Nivel Medio	20	16	13	17	47	39	48	38	32	25	20	22

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

H912	YACUAMBI EN LA PAZ											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	141 *	158 *	144 *	134 *	233 *	197 *	196 *	162 *	146 *	160 *	144 *	141 *
2	144 *	146 *	140 *	128 *	211 *	237 *	342 *	157 *	142 *	153 *	144 *	151 *
3	148 *	142 *	136 *	128 *	187 *	191 *	346 *	146 *	143 *	160 *	141 *	147 *
4	155 *	174 *	130 *	121 *	166 *	232 *	273 *	152 *	146 *	155 *	141 *	142 *
5	147 *	157 *	125 *	149 *	156 *	266 *	197 *	160 *	148 *	157 *	137 *	139 *
6	144 *	158 *	122 *	143 *	196 *	197 *	164 *	147 *	141 *	159 *	144 *	133 *
7	156 *	156 *	122 *	139 *	179 *	175 *	163 *	161 *	137 *	162 *	146 *	130 *
8	146 *	155 *	120 *	138 *	223 *	175 *	245 *	178 *	142 *	155 *	144 *	128 *
9	140 *	141 *	125 *	154 *	193 *	172 *	193 *	210 *	131 *	156 *	141 *	128 *
10	171 *	136 *	126 *	190 *	197 *	162 *	207 *	363 *	129 *	156 *	142 *	125 *
11	158 *	147 *	127 *	159 *	252 *	158 *	373 *	254 *	187 *	148 *	149 *	124 *
12	150 *	158 *	133 *	331 *	368 *	162 *	320 *	191 *	253 *	237 *	143 *	121 *
13	143 *	148 *	129 *	267 *	335 *	160 *	232 *	175 *	168 *	247 *	135 *	142 *
14	132 *	147 *	201 *	168 *	397 *	153 *	182 *	165 *	154 *	325 *	135 *	156 *
15	131 *	141 *	137 *	149 *	341 *	151 *	175 *	160 *	143 *	189 *	135 *	209 *
16	144 *	133 *	267 *	143 *	330 *	158 *	168 *	160 *	135 *	182 *	132 *	207 *
17	137 *	127 *	154 *	165 *	432 *	150 *	183 *	159 *	129 *	175 *	185 *	196 *
18	135 *	120 *	141 *	142 *	311 *	161 *	192 *	177 *	233 *	167 *	167 *	223 *
19	139 *	117 *	130 *	147 *	279 *	172 *	185 *	167 *	181 *	157 *	161 *	298 *
20	126 *	115 *	139 *	206 *	225 *	312 *	176 *	158 *	164 *	148 *	172 *	248 *
21	123 *	157 *	148 *	165 *	212 *	249 *	168 *	153 *	144 *	143 *	190 *	292 *
22	120 *	133 *	168 *	170 *	205 *	257 *	163 *	146 *	139 *	142 *	218 *	191 *
23	119 *	128 *	202 *	158 *	191 *	270 *	159 *	134 *	135 *	144 *	190 *	225 *
24	117 *	122 *	181 *	369 *	179 *	353 *	279 *	132 *	161 *	138 *	162 *	216 *
25	119 *	133 *	160 *	207 *	181 *	409 *	291 *	137 *	154 *	139 *	159 *	205 *
26	136 *	143 *	146 *	212 *	188 *	364 *	221 *	152 *	148 *	137 *	156 *	173 *
27	131 *	155 *	140 *	214 *	197 *	183 *	191 *	223 *	150 *	157 *	152 *	162 *
28	148 *	157 *	146 *	330 *	180 *	206 *	232 *	157 *	169 *	154 *	146 *	147 *
29	151 *		140 *	208 *	239 *	210 *	201 *	174 *	150 *	189 *	141 *	141 *
30	184 *		137 *	181 *	268 *	227 *	153 *	160 *	170 *	165 *	136 *	156 *
31	200 *		135 *		230 *		223 *	155 *		157 *		147 *
Nivel Max.	265 *	194 *	321 *	438 *	441 *	423 *	399 *	383 *	334 *	343 *	223 *	364 *
Día	31	4	16	28	17	25	11	10	18	12	22	21
Hora	17	7	7	7	17	7	7	17	7	17	7	17
Nivel Min.	115 *	114 *	119 *	120 *	154 *	149 *	115 *	115 *	128 *	131 *	130 *	120 *
Día	27	20	8	4	5	15	30	28	10	12	16	12
Hora	7	7	7	17	17	7	7	17	17	7	17	17
Nivel Medio	143	143	147	184	241	215	219	172	155	168	153	172

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

H929	COLLAY AJ PAUTE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	180 *	182 *	181 *	179 *	169 *	165 *	144 *	161 *	151 *	147 *	147 *	177 *
2	179 *	179 *	179 *	177 *	168 *	161 *	141 *	165 *	150 *	146 *	145 *	176 *
3	177 *	179 *	178 *	175 *	167 *	163 *	141 *	168 *	179 *	145 *	144 *	175 *
4	178 *	181 *		173 *		165 *	148 *	164 *	177 *	147 *	146 *	174 *
5	176 *	179 *	177 *	171 *	165 *	169 *	146 *	167 *		147 *		173 *
6	175 *	178 *	175 *	183 *	168 *	159 *	147 *	166 *	177 *	147 *	148 *	171 *
7	174 *	180 *	175 *	180 *	169 *	157 *	151 *	158 *	147 *	146 *	146 *	170 *
8	172 *	183 *	174 *	179 *	166 *	155 *	152 *	147 *	146 *	145 *	147 *	169 *
9	169 *	181 *	173 *	177 *	164 *	157 *	147 *	146 *	146 *	144 *	146 *	
10	168 *	178 *	170 *	175 *	169 *	157 *	149 *	144 *	146 *	143 *	145 *	168 *
11	167 *	178 *	169 *	174 *	166 *	153 *	150 *	144 *	148 *	142 *	146 *	167 *
12	166 *	180 *	168 *	163 *	164 *	150 *	154 *	145 *		142 *		166 *
13	165 *	180 *		170 *	162 *	149 *	152 *	147 *	147 *	143 *	143 *	165 *
14	163 *	181 *	171 *	169 *	161 *	147 *	148 *	151 *	146 *		146 *	163 *
15	162 *	178 *	169 *		161 *	148 *	149 *	151 *	145 *			162 *
16		177 *		167 *	159 *	147 *	150 *	152 *	146 *	148 *		161 *
17	184 *	180 *	169 *	165 *	157 *	146 *	148 *	161 *		146 *	149 *	
18	182 *	180 *	168 *	164 *	156 *	147 *	147 *	165 *	145 *	145 *	151 *	161 *
19	180 *	178 *	183 *		155 *	145 *	145 *	166 *	147 *	146 *	149 *	159 *
20	179 *	176 *	180 *	163 *	161 *	145 *	143 *	168 *	146 *			159 *
21	175 *	175 *	179 *	162 *	171 *	146 *	142 *	168 *	149 *	144 *	164 *	157 *
22	174 *	174 *	178 *	182 *	172 *	143 *	140 *	166 *	147 *	144 *	173 *	156 *
23		172 *	176 *	182 *	170 *	144 *	142 *	161 *	146 *	146 *	177 *	155 *
24	179 *	171 *	173 *	179 *	169 *	146 *	142 *	161 *		144 *	181 *	153 *
25	177 *	169 *	172 *	178 *	168 *	147 *	143 *	161 *	147 *	146 *	180 *	152 *
26	181 *	168 *	170 *	180 *	170 *	146 *	141 *		146 *	147 *	178 *	151 *
27			169 *	178 *	166 *	143 *	171 *	155 *	144 *	146 *	177 *	
28	183 *	169 *	167 *	177 *	167 *	145 *	172 *	157 *	144 *		176 *	149 *
29	180 *		181 *	175 *	162 *	142 *	168 *	154 *	146 *	145 *		151 *
30	178 *				161 *	142 *	167 *	156 *	145 *	145 *	178 *	151 *
31					154 *			154 *				
Nivel Max.						169 *						
Día						5						
Hora						7						
Nivel Mín.						141 *						
Día						30						
Hora						7						
Nivel Medio	175	177	174	174	164	151	149	157	150	145	157	162

NOTA: * DATOS LIMNIMETRICOS

2003

H966	MAYO AJ QDA.ZUMBAYACU											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	143 *	164 *	145 *	143 *	229 *	230 *	170 *	131 *	98 *	103 *	94 *	128 *
2	157 *	318 *	142 *	129 *	243 *	258 *	162 *	124 *	101 *	118 *	92 *	94 *
3	153 *	337 *	141 *	179 *	186 *	195 *	330 *	116 *	99 *	126 *	90 *	
4	148 *	322 *	216 *	149 *	165 *	177 *	250 *	121 *	98 *	98 *		
5	141 *	280 *	271 *	213 *	148 *	175 *	167 *	133 *	96 *	101 *		
6	189 *	234 *	260 *	215 *	373 *	176 *	150 *	143 *	94 *	98 *	90 *	
7	245 *	320 *	195 *	191 *	242 *	162 *	149 *	154 *	98 *	99 *	91 *	
8	200 *	278 *	167 *	153 *	219 *	215 *	147 *	163 *	97 *	308 *	93 *	
9	176 *	234 *	188 *	310 *	186 *	200 *	146 *	160 *	97 *	276 *		
10	225 *	228 *	175 *	250 *	173 *	164 *	152 *	148 *	110 *	106 *		
11	210 *	243 *	163 *	221 *	169 *	151 *	365 *	145 *	215 *	114 *		
12	177 *	204 *	199 *	348 *	370 *	147 *	225 *	123 *	510 *	178 *	90 *	96 *
13	142 *	221 *	193 *	228 *	318 *	140 *	180 *	121 *	415 *	164 *		224 *
14	118 *	172 *	159 *	179 *	495 *	137 *	175 *	116 *	98 *	315 *		162 *
15	109 *	160 *	175 *	159 *	410 *	280 *	154 *	110 *	96 *	165 *	96 *	305 *
16	106 *	150 *	235 *	148 *	323 *	164 *	150 *	108 *	94 *	121 *	92 *	185 *
17	162 *	140 *	179 *	141 *	335 *	135 *	191 *	131 *	95 *	115 *	172 *	164 *
18	137 *	133 *	175 *	138 *	443 *	129 *	166 *	123 *	148 *	98 *	153 *	308 *
19	133 *	127 *	149 *	132 *	320 *	132 *	149 *	107 *	134 *	99 *	135 *	205 *
20	153 *	138 *	143 *	168 *	253 *	415 *	143 *	103 *	94 *	95 *	136 *	166 *
21	118 *	290 *	134 *	160 *	230 *	290 *	138 *	104 *	96 *	92 *	143 *	123 *
22	106 *	177 *	129 *	158 *	205 *	175 *	132 *	99 *	94 *	91 *	160 *	162 *
23	142 *	143 *	126 *	158 *	200 *	167 *	198 *	97 *	389 *	90 *	140 *	141 *
24	126 *	132 *	125 *	278 *	213 *	235 *	160 *	138 *	118 *	92 *		215 *
25	129 *	134 *	143 *	222 *	215 *	490 *	318 *	123 *	122 *	93 *		212 *
26	118 *	135 *	185 *	151 *	184 *	280 *	175 *	345 *	115 *	91 *		188 *
27	249 *	129 *	134 *	173 *	228 *	205 *	158 *	235 *	114 *	123 *	167 *	124 *
28	317 *	182 *	125 *	250 *	238 *	190 *	155 *	142 *	116 *	98 *	105 *	125 *
29	258 *		143 *	175 *	319 *	181 *	133 *	136 *	108 *	106 *	146 *	126 *
30	229 *		209 *	184 *	265 *	198 *	126 *	128 *	98 *	102 *	131 *	108 *
31	190 *		228 *		245 *		138 *	119 *		100 *		156 *
Nivel Max.	323 *	384 *	299 *	350 *	540 *	490 *	365 *	345 *	510 *	315 *		
Día	28	3	5	12	14	25	11	26	12	14		
Hora	8	8	17	17	8	17	8	17	17	8		
Nivel Mín.	95 *	126 *	124 *	128 *	145 *	129 *	126 *	97 *	94 *	90 *		
Día	22	25	24	2	5	18	30	23	vv	23		
Hora	17	8	8	17	17	17	8	8		8		
Nivel Medio	168	204	172	190	262	206	179	137	142	128	121	169

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

HA2D	PORTOVIEJO EN PICOAZA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	63 *	74 *	166 *	71 *	72 *	65 *	54 *	60 *	72 *	84 *	70 *	46 *
2	63 *	84 *	140 *	71 *	73 *	57 *	47 *	55 *	77 *	83 *	74 *	50 *
3	59 *	80 *	132 *	78 *	72 *	58 *	52 *	51 *	75 *	82 *	74 *	53 *
4	59 *	88 *	121 *	70 *	71 *	54 *	50 *	64 *	75 *	85 *	67 *	56 *
5	58 *	93 *	111 *	68 *	74 *	59 *	49 *	55 *	76 *	85 *	60 *	56 *
6	57 *	98 *	106 *	69 *	69 *	59 *	48 *	60 *	41 *	83 *	55 *	59 *
7	56 *	104 *	103 *	67 *	72 *	55 *	52 *	65 *	42 *	81 *	51 *	76 *
8	55 *	111 *	103 *	69 *	70 *	55 *	57 *	59 *	47 *	80 *	47 *	79 *
9	53 *	112 *	101 *	68 *	73 *	60 *	52 *	68 *	51 *	77 *	42 *	81 *
10	51 *	134 *	108 *	69 *	67 *	57 *	49 *	64 *	46 *	72 *	39 *	82 *
11	53 *	160 *	116 *	69 *	62 *	53 *	47 *	59 *	48 *	78 *	43 *	75 *
12	55 *	155 *	115 *	68 *	86 *	59 *	46 *	52 *	55 *	82 *	46 *	62 *
13	58 *	163 *	145 *	150 *	84 *	52 *	48 *	46 *	61 *	60 *	44 *	59 *
14	62 *	181 *	119 *	119 *	94 *	51 *	45 *	48 *	67 *	55 *	42 *	59 *
15	62 *	218 *	179 *	112 *	76 *	48 *	41 *	57 *	72 *	59 *	40 *	62 *
16	65 *	205 *	126 *	93 *	68 *	51 *	58 *	67 *	77 *	46 *	37 *	58 *
17	64 *	174 *	119 *	87 *	67 *	53 *	51 *	56 *	76 *	50 *	40 *	55 *
18	68 *	116 *	107 *	80 *	68 *	53 *	49 *	61 *	63 *	58 *	44 *	56 *
19	73 *	107 *	120 *	76 *	76 *	50 *	48 *	66 *	63 *	59 *	43 *	56 *
20	78 *	92 *	119 *	78 *	72 *	53 *	56 *	69 *	59 *	55 *	43 *	62 *
21	81 *	88 *	159 *	74 *	67 *	54 *	54 *	74 *	51 *	51 *	39 *	61 *
22	74 *	94 *	127 *	79 *	66 *	52 *	56 *	69 *	55 *	47 *	38 *	63 *
23	66 *	83 *	111 *	82 *	64 *	52 *	46 *	67 *	62 *	44 *	36 *	65 *
24	65 *	72 *	105 *	100 *	61 *	55 *	50 *	64 *	68 *	42 *	36 *	65 *
25	64 *	73 *	101 *	102 *	62 *	50 *	53 *	60 *	73 *	39 *	41 *	69 *
26	64 *	90 *	90 *	110 *	63 *	49 *	55 *	56 *	77 *	44 *	46 *	71 *
27	68 *	232 *	86 *	103 *	63 *	50 *	52 *	52 *	71 *	47 *	45 *	71 *
28	72 *	263 *	81 *	94 *	61 *	53 *	59 *	46 *	68 *	52 *	43 *	68 *
29	75 *		78 *	86 *	59 *	47 *	64 *	47 *	68 *	58 *	47 *	68 *
30	76 *		76 *	79 *	59 *	53 *	63 *	57 *	78 *	68 *	45 *	66 *
31	73 *		96 *		55 *		52 *	63 *		68 *		64 *
Nivel Max.	82 *	360 *	185 *	215 *	100 *	65 *	66 *	75 *	80 *	86 *	77 *	86 *
Día	21	27	21	13	14	1	30	21	17	2	3	11
Hora	7	17	17	17	17	7	17	7	7	7	7	7
Nivel Min.	50 *	68 *	73 *	65 *	54 *	46 *	34 *	43 *	40 *	38 *	33 *	45 *
Día	10	25	30	7	31	29	14	29	6	25	24	1
Hora	7	7	17	17	7	7	7	7	7	17	7	7
Nivel Medio	64	126	115	84	69	54	52	59	64	64	47	63

NOTA: * DATOS LIMNIMETRICOS

2003

HA2H	CLEMENTINA EN CLEMENTINA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	125 *	289 *	310 *	256 *	249 *	176 *	142 *	124 *	96 *	94 *	96 *	93 *
2	118 *	340 *	309 *	255 *	239 *	175 *	148 *	124 *	96 *	94 *	96 *	90 *
3	130 *	301 *	297 *	249 *	234 *	172 *	143 *	124 *	96 *	94 *	96 *	86 *
4	128 *	294 *	288 *	244 *	236 *	187 *	141 *	124 *	96 *	94 *	95 *	88 *
5	120 *	279 *	273 *	236 *	241 *	173 *	140 *	116 *	96 *	94 *	94 *	88 *
6	127 *	275 *	273 *	234 *	233 *	171 *	140 *	116 *	96 *	94 *	94 *	88 *
7	123 *	281 *	281 *	231 *	227 *	169 *	140 *	116 *	96 *	94 *	94 *	88 *
8	134 *	303 *	281 *	229 *	224 *	168 *	140 *	108 *	88 *	96 *	94 *	88 *
9	135 *	285 *	275 *	312 *	221 *	168 *	140 *	108 *	86 *	96 *	94 *	88 *
10	147 *	288 *	274 *	355 *	221 *	157 *	139 *	108 *	86 *	96 *	94 *	88 *
11	153 *	279 *	270 *	303 *	219 *	156 *	138 *	108 *	86 *	96 *	94 *	87 *
12	175 *	276 *	266 *	323 *	221 *	151 *	138 *	106 *	86 *	96 *	94 *	85 *
13	174 *	264 *	263 *	305 *	216 *	144 *	138 *	106 *	86 *	94 *	94 *	84 *
14	171 *	298 *	256 *	301 *	224 *	144 *	136 *	104 *	82 *	92 *	92 *	88 *
15	163 *	275 *	297 *	333 *	219 *	142 *	136 *	104 *	82 *	92 *	90 *	88 *
16	173 *	270 *	312 *	325 *	212 *	139 *	136 *	104 *	80 *	92 *	90 *	84 *
17	213 *	271 *	291 *	338 *	209 *	141 *	135 *	104 *	80 *	175 *	90 *	83 *
18	189 *	414 *	358 *	308 *	208 *	140 *	134 *	104 *	80 *	112 *	86 *	82 *
19	284 *	331 *	276 *	313 *	210 *	142 *	134 *	103 *	80 *	102 *	86 *	82 *
20	241 *	274 *	331 *	305 *	205 *	142 *	134 *	102 *	80 *	96 *	82 *	82 *
21	221 *	310 *	292 *	296 *	203 *	144 *	134 *	102 *	80 *	96 *	82 *	83 *
22	201 *	290 *	302 *	285 *	201 *	144 *	134 *	102 *	80 *	94 *	82 *	84 *
23	342 *	287 *	286 *	200 *	142 *	142 *	134 *	102 *	80 *	93 *	95 *	84 *
24	277 *	304 *	368 *	279 *	199 *	142 *	128 *	102 *	80 *	92 *	95 *	84 *
25	307 *	293 *	325 *	278 *	197 *	142 *	128 *	102 *	80 *	95 *	90 *	84 *
26	263 *	389 *	318 *	268 *	196 *	142 *	128 *	102 *	91 *	94 *	86 *	92 *
27	248 *	426 *	291 *	277 *	195 *	142 *	126 *	102 *	94 *	94 *	86 *	105 *
28	223 *	348 *	283 *	265 *	193 *	142 *	126 *	100 *	94 *	95 *	86 *	123 *
29	243 *		272 *	259 *	193 *	142 *	126 *	100 *	94 *	96 *	86 *	105 *
30	218 *		265 *	250 *	177 *	142 *	126 *	100 *	94 *	96 *	103 *	100 *
31	264 *		264 *		176 *		126 *	100 *		96 *		106 *
Nivel Max.	388 *	486 *	430 *	400 *	254 *	196 *	152 *	124 *	96 *	180 *	106 *	134 *
Día	23	27	24	10	1	4	2		vv	17	30	28
Hora	7	7	7	7	7	7	7			7	7	7
Nivel Min.	116 *	220 *	226 *	228 *	176 *	138 *	126 *	100 *	80 *	92 *	82 *	82 *
Día	2	20	14	8	30	16	vv	vv	vv	vv	vv	vv
Hora	18	18	18	18	18	18						
Nivel Medio	195	305	292	283	213	153	135	107	87	98	91	90

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

HA2I	LOS TINTOS EN J.B. AGUIRRE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	304 *	422 *	493 *	414 *	435 *	315 *	182 *	137 *	127 *	128 *	176 *	163 *
2	301 *	426 *	496 *	408 *	429 *	314 *	205 *	134 *	130 *	136 *	187 *	188 *
3	301 *	431 *	497 *	398 *	426 *	312 *	213 *	152 *	139 *	145 *	201 *	170 *
4	305 *	429 *	497 *	384 *	418 *	302 *	212 *	158 *	147 *	155 *	195 *	170 *
5	308 *	422 *	497 *	370 *	400 *	303 *	222 *	182 *	147 *	168 *	192 *	162 *
6	314 *	417 *	495 *	359 *	389 *	308 *	224 *	191 *	145 *	162 *	175 *	153 *
7	314 *	410 *	492 *	352 *	388 *	295 *	233 *	188 *	147 *	157 *	165 *	143 *
8	307 *	404 *	484 *	337 *	385 *	297 *	228 *	204 *	149 *	151 *	167 *	141 *
9	306 *	402 *	478 *	335 *	381 *	290 *	233 *	209 *	143 *	149 *	153 *	133 *
10	299 *	405 *	474 *	358 *	376 *	282 *	240 *	203 *	145 *	143 *	139 *	132 *
11	300 *	406 *	466 *	375 *	377 *	271 *	228 *	163 *	153 *	152 *	127 *	126 *
12	299 *	407 *	445 *	393 *	377 *	253 *	222 *	125 *	135 *	149 *	129 *	135 *
13	296 *	407 *	435 *	405 *	377 *	245 *	205 *	118 *	128 *	132 *	123 *	140 *
14	294 *	414 *	435 *	416 *	379 *	239 *	186 *	110 *	124 *	152 *	121 *	138 *
15	297 *	419 *	426 *	432 *	379 *	237 *	223 *	113 *	119 *	147 *	135 *	144 *
16	305 *	429 *	431 *	446 *	383 *	238 *	189 *	112 *	124 *	156 *	148 *	138 *
17	305 *	429 *	435 *	453 *	381 *	233 *	208 *	118 *	134 *	163 *	158 *	
18	343 *	431 *	439 *	466 *	385 *	231 *	205 *	121 *	134 *	175 *	175 *	
19	361 *	443 *	440 *	467 *	386 *	220 *	214 *	122 *	138 *	187 *	185 *	
20	378 *	450 *	443 *	472 *	384 *	213 *	210 *	135 *	146 *	197 *	195 *	
21	393 *	455 *	444 *	468 *	379 *	208 *	209 *	143 *	158 *	197 *	180 *	
22	406 *	465 *	447 *	470 *	370 *	203 *	205 *	153 *	170 *	199 *	159 *	
23	405 *	466 *	444 *	472 *	362 *	218 *	203 *	187 *	175 *	180 *	147 *	
24	411 *	472 *	445 *	467 *	354 *	215 *	210 *	168 *	163 *	174 *	132 *	
25	416 *	476 *	442 *	459 *	356 *	222 *	203 *	154 *	155 *	160 *	136 *	
26	416 *	481 *	435 *	450 *	352 *	210 *	180 *	149 *	138 *	162 *	132 *	
27	417 *	487 *	426 *	452 *	338 *	199 *	183 *	143 *	123 *	139 *	132 *	
28	418 *	490 *	429 *	450 *	334 *	200 *	173 *	130 *	122 *	138 *	130 *	
29	423 *		431 *	447 *	341 *	198 *	136 *	128 *	125 *	138 *	141 *	
30	423 *		427 *	438 *	336 *	180 *	142 *	123 *	143 *	134 *	150 *	
31	424 *		422 *		328 *		135 *			128 *		
Nivel Max.	425 *	491 *	497 *	474 *	435 *	319 *	244 *		185 *	201 *	210 *	
Día	31	28	vv	20	7	2	10		23	21	4	
Hora	18	18		18	7	18	7		7	7	7	
Nivel Min.	292 *	401 *	420 *	334 *	325 *	175 *	132 *		115 *	122 *	118 *	
Día	14	9	31	9	31	27	29		29	31	13	
Hora	18	18	18	7	18	18	18		7	7	18	
Nivel Medio	348	435	454	420	377	248	202	149	141	156	156	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

HA2L	SAMBORONDON EN SAMBORONDON											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	381 *	329 *	442 *	328 *	332 *	292 *	239 *			196 *		
2	346 *	297 *	407 *	286 *	323 *	234 *				214 *		
3	282 *	267 *	363 *	261 *	284 *	212 *	196 *	228 *	194 *	221 *		
4	318 *	259 *	342 *	229 *	234 *	223 *	224 *	241 *	217 *	270 *		
5		264 *	319 *	231 *	287 *	238 *	246 *	243 *	254 *	344 *		
6		266 *	319 *	229 *	243 *	231 *	249 *	270 *	312 *	381 *		
7	207 *	273 *	317 *	235 *	255 *	257 *	277 *	311 *	383 *	378 *		
8	218 *	271 *	314 *	242 *	265 *	284 *	301 *	358 *	393 *	339 *		
9	229 *	283 *	315 *	254 *	280 *	322 *	334 *	392 *	363 *	301 *		
10	254 *	300 *	317 *	291 *	309 *	368 *	388 *	364 *	265 *	259 *		
11	299 *	324 *	320 *	321 *	346 *	397 *	412 *	321 *	284 *	242 *		
12	320 *	353 *	325 *	368 *	403 *	413 *	375 *	267 *	236 *	249 *		
13	347 *	393 *	339 *	416 *	429 *	382 *	330 *	266 *				
14	378 *	414 *	396 *	438 *	433 *	326 *	315 *	194 *				
15	372 *	414 *	383 *	460 *	411 *	255 *	262 *					
16	378 *	389 *	451 *	427 *	360 *	246 *		192 *				
17	351 *	313 *	434 *	374 *	305 *		208 *	204 *				
18	316 *	294 *	395 *	348 *	269 *	210 *	222 *	217 *		211 *		
19	324 *	273 *	348 *	326 *	256 *	228 *	239 *	221 *	192 *	228 *		
20	268 *	293 *	318 *	331 *	257 *	245 *	262 *	219 *	228 *	279 *		
21	235 *	303 *	320 *	332 *	271 *	258 *	249 *	248 *	273 *	348 *		
22	248 *	321 *	327 *	347 *	283 *	277 *	267 *	284 *	352 *	381 *		
23	261 *	318 *	332 *	338 *	299 *	359 *	292 *	336 *		385 *		
24	281 *	336 *	331 *	349 *	341 *	345 *	335 *	346 *		352 *		
25	296 *	360 *	333 *	373 *	377 *	382 *	368 *	333 *		310 *		
26	336 *	394 *	345 *	410 *	405 *	391 *	356 *	308 *		326 *		
27	361 *	440 *	375 *	438 *	414 *	370 *	346 *	279 *		278 *		
28	401 *	453 *	419 *	436 *	397 *	336 *	322 *	298 *		219 *		
29	425 *		386 *	416 *	373 *	296 *	266 *	239 *				
30	419 *		416 *	384 *	337 *	250 *	268 *					
31	374 *		377 *		286 *		224 *			208 *		
Nivel Max.		475 *	469 *	473 *	449 *							
Día		27	1	15	14							
Hora		18	7	7	7							
Nivel Min.		241 *	301 *	221 *	222 *							
Día		2	19	6	5							
Hora		18	18	7	7							
Nivel Medio	318	328	359	340	324	297	289	276		288		

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2003

HA2U	CAMPANA-MALACATOS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	29 *	34 *	39 *	42 *	42 *	44 *	40 *	30 *	26 *	24 *	26 *	30 *
2	31 *	32 *	41 *	41 *	49 *	43 *	37 *	29 *	26 *	24 *	25 *	28 *
3	28 *	40 *	40 *	47 *	44 *	41 *	39 *	30 *	26 *	35 *	24 *	26 *
4	26 *	54 *	48 *	45 *	39 *	40 *	37 *	31 *	26 *	29 *	24 *	25 *
5	26 *	52 *	48 *	42 *	38 *	41 *	36 *	30 *	25 *	26 *	23 *	25 *
6	29 *	59 *	45 *	41 *	70 *	42 *	35 *	30 *	26 *	26 *	24 *	24 *
7	39 *	68 *	43 *	40 *	45 *	39 *	34 *	30 *	31 *	26 *	27 *	24 *
8	40 *	66 *	48 *	38 *	43 *	40 *	40 *	31 *	35 *	31 *	27 *	23 *
9	42 *	58 *	49 *	42 *	40 *	41 *	38 *	32 *	35 *	32 *	25 *	23 *
10	60 *	50 *	43 *	43 *	41 *	40 *	40 *	32 *	35 *	27 *	24 *	23 *
11	47 *	48 *	48 *	40 *	41 *	39 *	50 *	32 *	39 *	25 *	23 *	24 *
12	43 *	52 *		46 *	50 *	38 *	60 *	30 *	37 *	26 *	23 *	26 *
13	41 *	46 *	39 *	46 *	57 *	37 *	44 *	29 *	35 *	25 *	23 *	27 *
14	42 *	45 *	41 *	43 *	86 *	41 *	37 *	28 *	35 *	37 *	23 *	27 *
15	41 *	46 *	41 *	54 *	70 *	41 *	37 *	27 *	28 *	33 *	23 *	37 *
16	45 *	42 *	55 *	56 *	49 *	36 *	36 *	27 *	25 *	29 *	23 *	54 *
17	39 *	40 *	44 *	51 *	50 *	35 *	35 *	27 *	27 *	27 *	23 *	51 *
18	37 *	41 *	47 *	47 *	67 *	36 *	35 *	26 *	31 *	26 *	36 *	92 *
19	43 *	39 *	46 *	51 *	62 *	35 *	35 *	25 *	28 *	25 *	36 *	50 *
20	43 *	42 *	40 *	47 *	58 *	40 *	34 *	25 *	26 *	24 *	35 *	57 *
21	38 *	49 *	38 *	45 *	45 *	36 *	34 *	24 *	26 *	24 *	29 *	56 *
22	35 *	43 *	38 *	42 *	45 *	37 *	34 *	23 *	32 *	23 *	28 *	45 *
23	36 *	42 *	39 *	41 *	44 *	37 *	40 *	25 *	35 *	23 *	26 *	40 *
24	37 *	40 *	40 *	41 *	45 *	43 *	35 *	26 *	27 *	23 *	27 *	44 *
25	36 *	39 *	41 *	38 *	44 *	50 *	33 *	23 *	26 *	23 *	28 *	56 *
26	35 *	39 *	52 *	36 *	41 *	36 *	34 *	24 *	25 *	26 *	29 *	49 *
27	36 *	39 *	44 *	55 *	47 *	36 *	34 *	25 *	26 *	33 *	34 *	47 *
28	36 *	41 *	39 *	53 *	49 *	39 *	33 *	25 *	26 *	35 *	37 *	48 *
29	43 *		38 *	49 *	49 *	38 *	33 *	24 *	25 *	34 *	33 *	46 *
30	51 *		37 *	42 *	47 *	39 *	31 *	24 *	25 *	27 *	32 *	44 *
31	41 *		47 *		53 *		30 *	24 *		26 *		42 *
Nivel Max.	68 *	83 *		58 *	100 *	53 *	62 *	33 *	40 *	38 *	38 *	96 *
Día	10	7		16	6	25	12	11	11	14	28	18
Hora	17	17		7	17	7	7	7	17	7	7	17
Nivel Min.	25 *	32 *		35 *	37 *	30 *	30 *	23 *	25 *	23 *	22 *	23 *
Día	5	2		26	5	27	30	vv	vv	vv	13	vv
Hora	17	17		17	17	17	17				17	
Nivel Medio	38	46	43	45	50	39	37	27	29	27	27	39

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

HA2V	MOYOCOCHA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	80 *	98 *	103 *	105 *	119 *	131 *	95 *	70 *	77 *	79 *	67 *	71 *
2	118 *	87 *	104 *	110 *	129 *	115 *	91 *	70 *	75 *	70 *	63 *	67 *
3	89 *	85 *	99 *	115 *	109 *	107 *	129 *	65 *	71 *	67 *	62 *	64 *
4	87 *	139 *	100 *	108 *	99 *	102 *	106 *	69 *	72 *	65 *	60 *	61 *
5	81 *	139 *	131 *	115 *	112 *	100 *	89 *	69 *	62 *	61 *	59 *	60 *
6	111 *	110 *	115 *	119 *	118 *	99 *	86 *	72 *	61 *	60 *	59 *	54 *
7	110 *	99 *	97 *	105 *	109 *	93 *	81 *	71 *	63 *	66 *	59 *	50 *
8	119 *	108 *	94 *	115 *	104 *	109 *	80 *	70 *	61 *	85 *	59 *	63 *
9	95 *	99 *	99 *	155 *	105 *	118 *	87 *	74 *	64 *	116 *	59 *	62 *
10	107 *	92 *	98 *	115 *	119 *	96 *	113 *	76 *	64 *	99 *	57 *	57 *
11	94 *	103 *	94 *	104 *	170 *	90 *	131 *	115 *	66 *	90 *	57 *	56 *
12	84 *	124 *	90 *	153 *	187 *	91 *	129 *	73 *	71 *	90 *	55 *	51 *
13	79 *	93 *	92 *	115 *	185 *	80 *	99 *	70 *	74 *	100 *	57 *	89 *
14	80 *	99 *	90 *	100 *	223 *	88 *	96 *	76 *	65 *	119 *	55 *	103 *
15	80 *	91 *	97 *	97 *	169 *	88 *	99 *	75 *	65 *	92 *	56 *	104 *
16	86 *	93 *	121 *	100 *	224 *	85 *	92 *	72 *	69 *	80 *	55 *	124 *
17	83 *	103 *	159 *	121 *	155 *	81 *	90 *	71 *	89 *	77 *	54 *	180 *
18	79 *	89 *	115 *	118 *	185 *	128 *	103 *	74 *	77 *	74 *	55 *	128 *
19	123 *	85 *	110 *	112 *	151 *	132 *	83 *	70 *	82 *	70 *	69 *	108 *
20	116 *	88 *	105 *	100 *	135 *	103 *	80 *	70 *	79 *	69 *	89 *	100 *
21	91 *	99 *	99 *	100 *	132 *	96 *	81 *	68 *	81 *	68 *	88 *	97 *
22	84 *	135 *	98 *	115 *	125 *	90 *	80 *	66 *	90 *	68 *	75 *	91 *
23	80 *	92 *	98 *	105 *	118 *	86 *	115 *	65 *	84 *	63 *	90 *	90 *
24	78 *	89 *	138 *	100 *	108 *	111 *	107 *	97 *	75 *	60 *	66 *	171 *
25	77 *	101 *	173 *	99 *	105 *	203 *	99 *	91 *	65 *	60 *	74 *	123 *
26	78 *	96 *	110 *	95 *	125 *	129 *	97 *	78 *	62 *	64 *	64 *	118 *
27	75 *	134 *	97 *	89 *	119 *	121 *	89 *	84 *	64 *	115 *	61 *	99 *
28	82 *	118 *	100 *	127 *	130 *	120 *	79 *	89 *	63 *	61 *	68 *	90 *
29	105 *		109 *	99 *	132 *	120 *	80 *	96 *	65 *	67 *	70 *	88 *
30	125 *		115 *	103 *	125 *	103 *	74 *	80 *	64 *	60 *	95 *	84 *
31	99 *		119 *		115 *		75 *	77 *				84 *
Nivel Max.	140 *	160 *	230 *	180 *	240 *	205 *	140 *	120 *	110 *		122 *	200 *
Día	30	22	25	9	12	25	11	11	17		20	17
Hora	17	7	7	7	7	7	17	17	17		17	7
Nivel Min.	74 *	80 *	89 *	88 *	97 *	80 *	72 *	65 *	60 *		52 *	50 *
Día	27	19	12	27	4	13	30	vv	8		17	6
Hora	17	7	7	17	17	17	17		17		17	17
Nivel Medio	93	103	108	110	137	107	95	76	70	77	65	90

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

HA2X	YAMBALA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	10 *	20 *	21 *	24 *	22 *	31 *	16 *	12 *	7 *	5 *	15 *	14 *
2	18 *	19 *	20 *	27 *	24 *	28 *	15 *	12 *	5 *	5 *	13 *	10 *
3	17 *	21 *	18 *	26 *	22 *	23 *	33 *	11 *	4 *	4 *	9 *	8 *
4	15 *	31 *	19 *	25 *	20 *	17 *	29 *	11 *	3 *	4 *	6 *	6 *
5	15 *	36 *	27 *	25 *	18 *	18 *	22 *	10 *	3 *	4 *	5 *	5 *
6	36 *	35 *	30 *	25 *	42 *	18 *	17 *	9 *	3 *	12 *	4 *	5 *
7	29 *	33 *	29 *	24 *	29 *	17 *	12 *	8 *	3 *	8 *	4 *	4 *
8	26 *	32 *	25 *	23 *	24 *	16 *	11 *	8 *	2 *	17 *	4 *	3 *
9	34 *	31 *	25 *	43 *	20 *	17 *	10 *	8 *	2 *	17 *	4 *	3 *
10	38 *	30 *	27 *	45 *	20 *	15 *	18 *	7 *	3 *	14 *	4 *	3 *
11	33 *	27 *	22 *	35 *	19 *	14 *	48 *	18 *	3 *	13 *	5 *	3 *
12	27 *	26 *	22 *	34 *	49 *	12 *	53 *	13 *	9 *	11 *	5 *	6 *
13	17 *	24 *	25 *	31 *	63 *	11 *	38 *	10 *	9 *	10 *	4 *	7 *
14	13 *	23 *	21 *	26 *	55 *	10 *	18 *	8 *	7 *	23 *	4 *	9 *
15	14 *	21 *	25 *	24 *	43 *	10 *	15 *	9 *	6 *	16 *	5 *	27 *
16	19 *	19 *	24 *	23 *	43 *	13 *	12 *	8 *	5 *	11 *	8 *	25 *
17	15 *	18 *	25 *	20 *	43 *	14 *	11 *	7 *	5 *	7 *	11 *	23 *
18	13 *	16 *	25 *	22 *	43 *	13 *	10 *	7 *	17 *	5 *	13 *	28 *
19	27 *	15 *	23 *	21 *	39 *	12 *	10 *	6 *	17 *	3 *	17 *	30 *
20	37 *	23 *	21 *	21 *	27 *	13 *	10 *	4 *	15 *	2 *	20 *	28 *
21	26 *	28 *	20 *	20 *	22 *	14 *	10 *	4 *	10 *	1 *	18 *	25 *
22	18 *	29 *	19 *	22 *	21 *	17 *	9 *	4 *	11 *	1 *	16 *	22 *
23	15 *	26 *	18 *	22 *	19 *	26 *	13 *	10 *	15 *	1 *	12 *	19 *
24	13 *	18 *	29 *	43 *	18 *	26 *	14 *	9 *	11 *	0 *	9 *	28 *
25	12 *	16 *	28 *	42 *	17 *	44 *	13 *	8 *	9 *	0 *	10 *	32 *
26	11 *	15 *	30 *	40 *	17 *	39 *	12 *	9 *	8 *	0 *	12 *	24 *
27	11 *	22 *	25 *	39 *	19 *	29 *	12 *	17 *	8 *	38 *	19 *	21 *
28	11 *	23 *	23 *	36 *	20 *	18 *	11 *	14 *	8 *	34 *	17 *	23 *
29	23 *		22 *	30 *	26 *	17 *	10 *	11 *	7 *	23 *	20 *	23 *
30	34 *		28 *	21 *	29 *	17 *	9 *	10 *	6 *	19 *	19 *	19 *
31	29 *		36 *		31 *		14 *	9 *		16 *		16 *
Nivel Max.	38 *	36 *	40 *	50 *	70 *	45 *	60 *	19 *	18 *	38 *	20 *	33 *
Día	10	5	24	9	13	25	11	11	18	27	vv	23
Hora	7	7	17	17	17	7	17	7	17	7		7
Nivel Min.	10 *	14 *	17 *	20 *	17 *	10 *	8 *	4 *	2 *	0 *	4 *	2 *
Día	1	19	24	vv	vv	vv	22	vv	vv	vv	vv	8
Hora	7	17	7				9					20
Nivel Medio	21	24	24	28	29	19	17	9	7	10	10	16

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

HA2Z	CAONI A.J. BLANCO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	200 *	160 *	185 *	130 *	129 *	117 *	83 *	65 *	60 *	49 *	51 *	48 *
2	186 *	159 *	154 *	127 *	117 *	119 *	82 *	65 *	59 *	49 *	51 *	48 *
3	186 *	148 *	145 *	117 *	111 *	119 *	82 *	65 *	58 *	49 *	51 *	48 *
4	185 *	138 *	135 *	122 *	224 *	128 *	81 *	65 *	57 *	49 *	51 *	48 *
5	180 *	115 *	225 *	110 *	189 *	120 *	81 *	65 *	55 *	48 *	51 *	48 *
6	168 *	113 *	208 *	107 *	214 *	113 *	95 *	65 *	54 *	48 *	51 *	48 *
7	150 *	181 *	165 *	105 *	176 *	100 *	85 *	64 *	54 *	48 *	50 *	48 *
8	140 *	171 *	168 *	145 *	163 *	100 *	83 *	64 *	54 *	48 *	50 *	48 *
9	138 *	154 *	185 *	245 *	175 *	99 *	82 *	63 *	54 *	48 *	50 *	47 *
10	129 *	155 *	170 *	205 *	188 *	102 *	82 *	63 *	53 *	47 *	50 *	47 *
11	130 *	167 *	151 *	177 *	174 *	99 *	82 *	63 *	53 *	47 *	50 *	47 *
12	150 *	155 *	170 *	206 *	169 *	97 *	81 *	60 *	53 *	47 *	50 *	47 *
13	140 *	150 *	138 *	164 *	163 *	96 *	80 *	60 *	53 *	47 *	50 *	47 *
14	230 *	215 *	120 *	176 *	181 *	95 *	80 *	60 *	53 *	47 *	50 *	47 *
15	203 *	183 *		166 *	144 *	94 *	79 *	60 *	52 *	47 *	50 *	47 *
16	175 *	155 *	185 *	154 *	128 *	92 *	78 *	60 *	52 *	47 *	50 *	47 *
17	165 *	210 *	156 *	147 *	127 *	90 *	78 *	60 *	52 *	47 *	50 *	47 *
18	153 *	184 *	210 *	139 *	125 *	87 *	78 *	60 *	52 *	46 *	50 *	47 *
19	160 *	219 *	159 *	135 *	122 *	83 *	77 *	60 *	52 *	47 *	49 *	47 *
20	153 *	220 *	135 *	178 *	118 *	88 *	75 *	60 *	52 *	47 *	49 *	50 *
21	144 *	195 *	149 *	187 *	123 *	85 *	75 *	60 *	52 *	47 *	49 *	71 *
22	138 *	172 *	138 *	186 *	117 *	85 *	74 *	60 *	52 *	48 *	49 *	69 *
23	119 *	163 *	133 *	185 *	112 *	83 *	74 *	60 *	51 *	50 *	49 *	170 *
24	109 *	134 *	127 *	180 *	135 *	81 *	73 *	60 *	50 *	53 *	49 *	108 *
25	138 *	128 *	114 *	164 *	165 *	89 *	70 *	60 *	50 *	53 *	49 *	105 *
26	153 *	115 *	104 *	184 *	141 *	86 *	69 *	60 *	50 *	53 *	49 *	105 *
27	158 *	130 *	143 *	166 *	136 *	85 *	68 *	60 *	50 *	52 *	49 *	103 *
28	157 *	240 *	132 *	145 *	136 *	85 *	67 *	60 *	50 *	52 *	49 *	101 *
29	157 *		118 *	138 *	129 *	84 *	66 *	60 *	49 *	52 *	49 *	104 *
30	160 *		109 *	138 *	116 *	83 *	66 *	60 *	49 *	52 *	49 *	115 *
31	150 *		128 *				66 *	60 *		52 *		109 *
Nivel Max.	230 *	260 *		260 *		130 *	100 *	65 *	60 *	54 *	51 *	172 *
Día	14	28		9		4	6	vv	1	24	vv	23
Hora	6	6		6		6	6		6	6		6
Nivel Min.	108 *	100 *		100 *		80 *	65 *	60 *	49 *	46 *	49 *	47 *
Día	24	16		13		24	31	vv	vv	18	vv	vv
Hora	18	18		18		18	18			18		
Nivel Medio	158	165	152	157	148	96	77	61	53	49	50	68

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

HA39 CHUQUIRIBAMBA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	1 *	2 *	27 *	3 *	4 *	4 *	3 *	3 *	0 *	0 *	2 *	3 *
2	1 *	2 *	26 *	3 *	5 *	6 *	3 *	3 *	0 *	0 *	2 *	3 *
3	1 *	2 *	26 *	3 *	3 *	4 *	4 *	3 *	0 *	0 *	1 *	2 *
4	0 *	2 *	27 *	3 *	3 *	4 *	4 *	2 *	0 *	0 *	1 *	2 *
5	0 *	2 *	26 *	3 *	3 *	4 *	3 *	2 *	0 *	0 *	1 *	1 *
6	2 *	3 *	26 *	2 *	3 *	4 *	3 *	2 *	0 *	3 *	1 *	1 *
7	2 *	3 *	26 *	2 *	3 *	4 *	3 *	2 *	0 *	3 *	0 *	0 *
8	2 *	2 *	26 *	2 *	3 *	3 *	4 *	2 *	0 *	2 *	1 *	0 *
9	2 *	2 *	25 *	16 *	3 *	3 *	3 *	2 *	0 *	26 *	0 *	0 *
10	2 *	2 *	25 *	6 *	3 *	3 *	7 *	2 *	0 *	4 *	0 *	0 *
11	2 *	2 *	26 *	5 *	3 *	3 *	6 *	3 *	0 *	3 *	0 *	0 *
12	1 *	2 *	26 *	5 *	9 *	3 *	4 *	2 *	0 *	3 *	0 *	2 *
13	0 *	2 *	26 *	4 *	29 *	3 *	3 *	2 *	0 *	2 *	0 *	3 *
14	0 *	2 *	25 *	4 *	30 *	3 *	3 *	1 *	0 *	2 *	0 *	3 *
15	1 *	2 *	28 *	4 *	20 *	3 *	3 *	1 *	0 *	2 *	0 *	4 *
16	2 *	2 *	49 *	4 *	27 *	3 *	3 *	1 *	0 *	1 *	0 *	3 *
17	2 *	2 *	26 *	3 *	25 *	3 *	3 *	2 *	0 *	0 *	3 *	3 *
18	2 *	2 *	25 *	9 *	23 *	3 *	3 *	1 *	0 *	0 *	2 *	3 *
19	2 *	2 *	22 *	6 *	17 *	3 *	3 *	0 *	0 *	0 *	2 *	3 *
20	2 *	4 *	21 *	7 *	10 *	3 *	3 *	1 *	0 *	0 *	2 *	2 *
21	2 *	2 *	27 *	7 *	9 *	3 *	2 *	1 *	0 *	0 *	2 *	3 *
22	2 *	2 *	27 *	11 *	7 *	3 *	2 *	1 *	0 *	1 *	2 *	3 *
23	2 *	2 *	27 *	6 *	6 *	3 *	3 *	0 *	0 *	1 *	2 *	4 *
24	2 *	2 *	31 *	8 *	5 *	3 *	3 *	0 *	0 *	1 *	2 *	4 *
25	2 *	2 *	27 *	5 *	5 *	20 *	4 *	0 *	0 *	0 *	2 *	4 *
26	2 *	2 *	27 *	5 *	5 *	15 *	3 *	0 *	0 *	2 *	2 *	4 *
27	2 *	5 *	26 *	5 *	5 *	6 *	3 *	0 *	0 *	4 *	2 *	4 *
28	2 *	5 *	27 *	5 *	4 *	5 *	5 *	0 *	0 *	4 *	2 *	6 *
29	2 *		26 *	4 *	4 *	5 *	4 *	0 *	0 *	3 *	5 *	5 *
30	2 *		25 *	4 *	5 *	4 *	3 *	0 *	0 *	3 *	5 *	3 *
31	2 *		26 *		4 *		3 *	0 *		2 *		3 *
Nivel Max.	3 *	5 *	50 *	25 *	35 *	20 *	7 *	3 *	0 *	50 *	5 *	6 *
Día	10	vv	16	9	16	25	10	vv	vv	9	vv	28
Hora	17		17	7	17	17	17			17		7
Nivel Min.	0 *	2 *	21 *	2 *	3 *	3 *	2 *	0 *	0 *	0 *	0 *	0 *
Día	vv	vv	20	vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora			7									
Nivel Medio	2	2	27	5	9	4	3	1	0	2	1	3

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

HA40 PORDEL												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	25 *	26 *	3 *	27 *	30 *	30 *	26 *	26 *	22 *	19 *	20 *	24 *
2	25 *	26 *	3 *	27 *	30 *	36 *	26 *	25 *	20 *	17 *	21 *	24 *
3	24 *	25 *	3 *	26 *	29 *	29 *	30 *	25 *	20 *	21 *	20 *	22 *
4	24 *	25 *	3 *	26 *	29 *	30 *	25 *	24 *	20 *	21 *	21 *	22 *
5	24 *	27 *	2 *	26 *	29 *	30 *	24 *	24 *	21 *	21 *	21 *	22 *
6	25 *	30 *	2 *	25 *	30 *	30 *	24 *	23 *	21 *	23 *	21 *	21 *
7	25 *	32 *	2 *	25 *	30 *	27 *	24 *	23 *	21 *	24 *	21 *	21 *
8	25 *	28 *	2 *	25 *	29 *	27 *	26 *	23 *	20 *	31 *	21 *	21 *
9	25 *	26 *	2 *	41 *	28 *	27 *	24 *	23 *	21 *	24 *	20 *	19 *
10	26 *	26 *	2 *	36 *	28 *	28 *	28 *	24 *	21 *	27 *	20 *	20 *
11	25 *	26 *	2 *	31 *	33 *	28 *	34 *	28 *	21 *	25 *	19 *	20 *
12	24 *	26 *	2 *	34 *	47 *	27 *	28 *	25 *	21 *	20 *	19 *	27 *
13	25 *	26 *	2 *	36 *	69 *	28 *	27 *	24 *	20 *	20 *	19 *	23 *
14	25 *	26 *	2 *	30 *	75 *	28 *	26 *	23 *	20 *	20 *	20 *	23 *
15	25 *	26 *	3 *	30 *	45 *	29 *	26 *	22 *	20 *	20 *	18 *	26 *
16	25 *	25 *	17 *	30 *	50 *	28 *	25 *	22 *	20 *	20 *	18 *	23 *
17	24 *	26 *	13 *	29 *	65 *	28 *	25 *	23 *	20 *	21 *	22 *	23 *
18	23 *	25 *	6 *	34 *	37 *	28 *	25 *	22 *	22 *	21 *	61 *	24 *
19	24 *	27 *	5 *	32 *	31 *	27 *	25 *	22 *	22 *	20 *	25 *	28 *
20	23 *	31 *	4 *	28 *	35 *	28 *	25 *	22 *	21 *	20 *	24 *	25 *
21	24 *	27 *	3 *	26 *	33 *	33 *	24 *	21 *	21 *	20 *	23 *	29 *
22	25 *	26 *	3 *	26 *	23 *	30 *	24 *	21 *	23 *	21 *	22 *	24 *
23	25 *	26 *	4 *	25 *	23 *	30 *	25 *	21 *	22 *	21 *	22 *	25 *
24	25 *	27 *	4 *	31 *	21 *	32 *	30 *	21 *	21 *	21 *	22 *	35 *
25	23 *	26 *	4 *	25 *	21 *	52 *	30 *	21 *	21 *	21 *	21 *	27 *
26	25 *	26 *	5 *	25 *	30 *	39 *	26 *	22 *	22 *	25 *	20 *	25 *
27	24 *	43 *	4 *	26 *	30 *	29 *	25 *	21 *	23 *	32 *	21 *	27 *
28	23 *	38 *	3 *	30 *	30 *	28 *	30 *	22 *	20 *	25 *	21 *	27 *
29	24 *		3 *	26 *	29 *	28 *	27 *	23 *	19 *	24 *	26 *	36 *
30	25 *		3 *	26 *	30 *	27 *	26 *	21 *	19 *	25 *	25 *	24 *
31	24 *		4 *		30 *		28 *	21 *		22 *		24 *
Nivel Max.	27 *	46 *	19 *	44 *	100 *	54 *	37 *	28 *	24 *	40 *	100 *	40 *
Día	10	27	16	9	13	25	11	11	27	27	18	24
Hora	7	7	17	7	7	17	7	17	7	7	17	7
Nivel Min.	21 *	25 *	2 *	24 *	21 *	26 *	23 *	21 *	19 *	17 *	18 *	18 *
Día	18	vv	vv	25	vv	29	4	vv	vv	2	vv	9
Hora	17			17		7	7			7		17
Nivel Medio	24	27	4	29	35	30	26	23	21	22	22	24

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

HA41	LAS LAGRIMAS - RIO ZAMORA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	20 *	30 *	30 *	30 *	25 *	35 *	25 *	20 *	18 *	18 *	16 *	16 *
2	30 *	35 *	30 *	20 *	20 *	30 *	20 *	18 *	19 *	14 *	17 *	12 *
3	25 *	40 *	25 *	20 *	19 *	35 *	25 *	19 *	19 *	18 *	14 *	19 *
4	35 *	70 *	35 *	20 *	25 *	25 *	20 *	18 *	17 *	15 *	15 *	14 *
5	20 *	35 *	35 *	30 *	20 *	30 *	20 *	19 *	18 *	16 *	13 *	13 *
6	35 *	70 *	65 *	25 *	25 *	25 *	25 *	19 *	15 *	17 *	17 *	13 *
7	45 *	35 *	20 *	20 *	25 *	20 *	20 *	17 *	17 *	17 *	13 *	14 *
8	30 *	25 *	25 *	25 *	20 *	25 *	20 *	17 *	18 *	18 *	14 *	14 *
9	35 *	20 *	25 *	20 *	20 *	25 *	25 *	15 *	15 *	17 *	13 *	14 *
10	45 *	20 *	20 *	40 *	20 *	25 *	20 *	18 *	18 *	18 *	14 *	16 *
11	25 *	35 *	25 *	50 *	30 *	24 *	40 *	17 *	17 *	18 *	17 *	18 *
12	30 *	35 *	30 *	40 *	125 *	19 *	25 *	13 *	18 *	19 *	14 *	19 *
13	20 *	20 *	25 *	30 *	115 *	30 *	20 *	10 *	17 *	17 *	17 *	19 *
14	25 *	25 *	30 *	25 *	70 *	25 *	19 *	11 *	18 *	19 *	17 *	20 *
15	20 *	20 *	25 *	25 *	80 *	20 *	19 *	10 *	17 *	18 *	14 *	17 *
16	20 *	25 *	30 *	20 *	50 *	25 *	20 *	10 *	17 *	19 *	15 *	17 *
17	20 *	20 *	25 *	30 *	75 *	25 *	19 *	13 *	17 *	17 *	17 *	15 *
18	25 *	30 *	40 *	25 *	55 *	25 *	20 *	15 *	15 *	16 *	17 *	25 *
19	35 *	20 *	35 *	25 *	45 *	20 *	19 *	17 *	18 *	18 *	17 *	20 *
20	25 *	30 *	50 *	25 *	45 *	25 *	20 *	18 *	20 *	18 *	10 *	25 *
21	20 *	35 *	25 *	30 *	35 *	20 *	20 *	20 *	19 *	17 *	15 *	20 *
22	20 *	25 *	20 *	30 *	25 *	25 *	20 *	18 *	20 *	15 *	13 *	18 *
23	25 *	25 *	30 *	30 *	20 *	25 *	19 *	19 *	20 *	17 *	17 *	25 *
24	20 *	20 *	25 *	25 *	20 *	35 *	19 *	19 *	18 *	16 *	13 *	20 *
25	20 *	25 *	30 *	20 *	25 *	50 *	19 *	19 *	17 *	15 *	15 *	18 *
26	25 *	30 *	45 *	20 *	24 *	60 *	19 *	18 *	17 *	12 *	14 *	19 *
27	25 *	30 *	35 *	25 *	25 *	35 *	19 *	19 *	15 *	16 *	14 *	17 *
28	20 *	35 *	25 *	20 *	30 *	25 *	20 *	19 *	18 *	14 *	15 *	19 *
29	25 *		30 *	25 *	25 *	20 *	19 *	18 *	18 *	16 *	14 *	17 *
30	20 *		65 *	30 *	19 *	25 *	20 *	18 *	16 *	14 *	11 *	20 *
31	30 *		35 *		25 *		19 *			18 *		25 *
Nivel Max.	60 *	80 *	80 *	60 *	140 *	70 *	50 *		20 *	20 *	18 *	30 *
Día	7	4	30	11	13	26	11		vv	12	13	18
Hora	17	7	7	17	7	7	7			17	17	7
Nivel Mín.	20 *	20 *	20 *	20 *	18 *	18 *	18 *		11 *	11 *	10 *	10 *
Día	vv	vv	vv	vv	30	11	23		27	26	20	6
Hora					17	17	17		7	7	17	17
Nivel Medio	26	31	32	27	38	28	21	17	17	16	15	18

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

HA42	LLACO JARATENTA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	96 *	92 *	92 *	96 *	92 *	99 *	96 *	93 *	93 *	90 *	85 *	89 *
2	96 *	92 *	94 *	94 *	92 *	98 *	98 *	92 *	92 *	90 *	85 *	87 *
3	96 *	92 *	93 *	93 *	95 *	96 *	97 *	92 *	90 *	90 *	85 *	86 *
4	96 *	92 *	93 *	93 *	93 *	95 *	96 *	92 *	90 *	90 *	84 *	86 *
5	96 *	92 *	93 *	92 *	92 *	96 *	96 *	92 *	90 *	90 *	84 *	85 *
6	96 *	96 *	92 *	92 *	94 *	97 *	96 *	92 *	90 *	106 *	88 *	85 *
7	98 *	96 *	92 *	92 *	94 *	96 *	96 *	92 *	90 *	126 *	91 *	85 *
8	98 *	95 *	92 *	92 *	97 *	96 *	96 *	91 *	90 *	108 *	93 *	85 *
9	96 *	95 *	92 *	98 *	119 *	96 *	96 *	91 *	90 *	100 *	110 *	85 *
10	95 *	94 *	92 *	108 *	100 *	95 *	96 *	91 *	90 *	99 *	108 *	85 *
11	94 *	94 *	92 *	101 *	122 *	95 *	101 *	91 *	94 *	107 *	99 *	85 *
12	93 *	94 *	92 *	100 *	106 *	95 *	105 *	93 *	93 *	108 *	94 *	143 *
13	92 *	93 *	92 *	97 *	98 *	95 *	101 *	96 *	92 *	100 *	92 *	105 *
14	96 *	93 *	92 *	98 *	98 *	94 *	99 *	103 *	91 *	98 *	92 *	113 *
15	99 *	93 *	105 *	97 *	103 *	94 *	98 *	100 *	91 *	96 *	91 *	105 *
16	104 *	92 *	111 *	96 *	104 *	93 *	97 *	98 *	91 *	95 *	88 *	94 *
17	95 *	92 *	109 *	95 *	107 *	96 *	97 *	97 *	91 *	93 *	87 *	91 *
18	94 *	92 *	103 *	94 *	107 *	97 *	96 *	97 *	90 *	92 *	85 *	90 *
19	93 *	92 *	99 *	93 *	105 *	95 *	96 *	97 *	90 *	92 *	85 *	90 *
20	93 *	92 *	96 *	93 *	105 *	95 *	96 *	94 *	90 *	92 *	85 *	90 *
21	93 *	92 *	96 *	97 *	104 *	95 *	96 *	93 *	90 *	92 *	88 *	90 *
22	92 *	92 *	97 *	96 *	105 *	94 *	95 *	92 *	90 *	92 *	170 *	90 *
23	92 *	92 *	95 *	97 *	106 *	94 *	95 *	92 *	97 *	96 *	133 *	90 *
24	92 *	92 *	95 *	95 *	107 *	94 *	94 *	91 *	94 *	113 *	110 *	90 *
25	92 *	92 *	94 *	95 *	105 *	96 *	94 *	90 *	93 *	130 *	100 *	90 *
26	92 *	92 *	93 *	94 *	106 *	101 *	94 *	90 *	92 *	108 *	95 *	89 *
27	92 *	92 *	93 *	93 *	106 *	96 *	93 *	90 *	90 *	94 *	90 *	89 *
28	92 *	92 *	93 *	93 *	107 *	96 *	93 *	89 *	90 *	89 *	86 *	88 *
29	92 *		96 *	92 *	106 *	96 *	93 *	89 *	90 *	87 *	85 *	88 *
30	92 *		97 *	92 *	105 *	96 *	93 *	95 *	90 *	85 *	93 *	88 *
31	92 *		97 *		104 *		93 *	93 *		85 *		88 *
Nivel Max.	110 *	97 *	112 *	110 *	124 *	105 *	106 *	104 *	98 *	140 *	180 *	200 *
Día	16	6	16	10	11	26	12	14	23	7	22	12
Hora	7	18	7	7	18	7	7	7	7	18	7	18
Nivel Mín.	92 *	92 *	92 *	92 *	92 *	93 *	93 *	88 *	90 *	85 *	84 *	85 *
Día	vv	vv	vv	vv	vv	16	vv	28	vv	vv	vv	vv
Hora						7		18				
Nivel Medio	94	93	95	95	103	96	96	93	91	98	95	92

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2003

HA43 RIO JUMBILLA EN ZAMORA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	25 *	32 *	40 *	32 *	43 *	61 *	47 *	37 *	25 *	20 *	17 *	18 *
2	37 *	27 *	35 *	30 *	51 *	73 *	46 *	33 *	25 *	20 *	15 *	16 *
3	28 *	31 *	32 *	36 *	41 *	54 *	61 *	34 *	24 *	23 *	16 *	15 *
4	26 *	61 *	31 *	30 *	37 *	49 *	48 *	36 *	24 *	22 *	15 *	14 *
5	25 *	66 *	64 *	34 *	36 *	48 *	45 *	33 *	24 *	20 *	15 *	14 *
6	28 *	64 *	58 *	31 *	51 *	47 *	42 *	32 *	23 *	20 *	16 *	13 *
7	44 *	71 *	42 *	30 *	44 *	44 *	41 *	31 *	23 *	19 *	21 *	14 *
8	46 *	59 *	36 *	27 *	41 *	43 *	47 *	29 *	22 *	48 *	18 *	14 *
9	36 *	46 *	45 *	58 *	36 *	44 *	40 *	33 *	22 *	37 *	16 *	13 *
10	65 *	47 *	37 *	51 *	36 *	42 *	55 *	45 *	20 *	26 *	15 *	14 *
11	42 *	42 *	36 *	45 *	48 *	37 *	84 *	49 *	28 *	28 *	15 *	13 *
12	34 *	54 *	36 *	64 *	93 *	38 *	80 *	35 *	31 *	25 *	15 *	31 *
13	31 *	42 *	34 *	63 *	140 *	36 *	54 *	31 *	27 *	26 *	14 *	31 *
14	27 *	37 *	33 *	40 *	149 *	40 *	45 *	28 *	22 *	33 *	15 *	23 *
15	27 *	36 *	37 *	34 *	112 *	39 *	42 *	27 *	21 *	26 *	16 *	46 *
16	29 *	33 *	127 *	32 *	137 *	39 *	38 *	30 *	20 *	21 *	16 *	23 *
17	25 *	30 *	55 *	29 *	123 *	33 *	45 *	30 *	21 *	19 *	31 *	36 *
18	25 *	28 *	57 *	30 *	164 *	32 *	40 *	32 *	39 *	19 *	37 *	59 *
19	26 *	28 *	45 *	31 *	120 *	34 *	40 *	28 *	29 *	18 *	25 *	55 *
20	29 *	27 *	38 *	39 *	93 *	50 *	37 *	27 *	23 *	18 *	25 *	48 *
21	26 *	60 *	35 *	30 *	78 *	50 *	39 *	26 *	22 *	18 *	23 *	55 *
22	25 *	34 *	36 *	50 *	67 *	44 *	38 *	25 *	24 *	17 *	21 *	39 *
23	20 *	29 *	38 *	35 *	64 *	38 *	44 *	25 *	22 *	18 *	20 *	40 *
24	22 *	28 *	36 *	59 *	60 *	66 *	54 *	26 *	23 *	17 *	34 *	75 *
25	19 *	27 *	46 *	40 *	58 *	141 *	58 *	26 *	21 *	17 *	22 *	43 *
26	22 *	27 *	47 *	35 *	53 *	111 *	52 *	32 *	20 *	16 *	17 *	49 *
27	22 *	46 *	35 *	38 *	51 *	67 *	42 *	43 *	26 *	30 *	17 *	38 *
28	21 *	60 *	33 *	60 *	52 *	55 *	55 *	35 *	22 *	23 *	15 *	31 *
29	27 *		36 *	43 *	56 *	70 *	39 *	31 *	21 *	19 *	44 *	29 *
30	46 *		31 *	38 *	60 *	52 *	38 *	27 *	20 *	39 *	22 *	26 *
31	45 *		36 *		61 *		42 *	26 *		19 *		27 *
Nivel Max.	87 *	76 *	128 *	82 *	167 *	142 *	105 *	51 *	40 *	63 *	55 *	78 *
Día	10	7	16	12	18	25	11	11	18	8	29	24
Hora	18	18	7	18	18	18	18	7	7	18	7	18
Nivel Min.	18 *	26 *	29 *	27 *	34 *	31 *	36 *	24 *	20 *	16 *	14 *	12 *
Día	25	26	4	8	5	18	22	23	vv	26	13	11
Hora	7	7	7	18	18	18	18	7		7	18	7
Nivel Medio	30	42	43	40	73	52	47	32	24	23	20	31

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2003

HB15 CHALPATAN												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	56 *	54 *	64 *	66 *	110 *			53 *	51 *	52 *	45 *	83 *
2	56 *	54 *	63 *	66 *	100 *			53 *	51 *	52 *	45 *	75 *
3	58 *	54 *	63 *	68 *	95 *			53 *	51 *	52 *	46 *	104 *
4	58 *	54 *	63 *	68 *	96 *			53 *	51 *	54 *	46 *	73 *
5	57 *	54 *	63 *	68 *	96 *			53 *	51 *	54 *	49 *	70 *
6	56 *	54 *	63 *	75 *	100 *	110 *		53 *	51 *		49 *	63 *
7	56 *	54 *	63 *	72 *	98 *	77 *		53 *	51 *		49 *	60 *
8	56 *	54 *	62 *	79 *	98 *	68 *		53 *	51 *		59 *	60 *
9	55 *	53 *	62 *	86 *	98 *	68 *		53 *	51 *	56 *	61 *	60 *
10	55 *	53 *	62 *	89 *	98 *	68 *		53 *	51 *	56 *	62 *	60 *
11	55 *	53 *	62 *	91 *	95 *	68 *		53 *	51 *	56 *	62 *	60 *
12	55 *	54 *	62 *	138 *	93 *	72 *		53 *	50 *	56 *	50 *	58 *
13	55 *	54 *	62 *	144 *	93 *	68 *		53 *	50 *	56 *	51 *	65 *
14	55 *	54 *	62 *	140 *	95 *	65 *		53 *	50 *	54 *	51 *	65 *
15	75 *	56 *	65 *	140 *	90 *	65 *		53 *	50 *	54 *	50 *	65 *
16	75 *	57 *	65 *	140 *	90 *	68 *		53 *	50 *	52 *	50 *	65 *
17	69 *	58 *	65 *	122 *	90 *	65 *		53 *	50 *	52 *	65 *	65 *
18	58 *	58 *	65 *	101 *	88 *	65 *		53 *	50 *	52 *	64 *	70 *
19	58 *	58 *	65 *	92 *	87 *	65 *		53 *	50 *	52 *	65 *	70 *
20	58 *	58 *	59 *	91 *	84 *	64 *		53 *	50 *	52 *	68 *	70 *
21	58 *	57 *	59 *	99 *	85 *	64 *		51 *	49 *	50 *	68 *	70 *
22	60 *	62 *	51 *	104 *	83 *	64 *		51 *	49 *	50 *	67 *	70 *
23	60 *	62 *	51 *	105 *	82 *	62 *		51 *	49 *	50 *	66 *	70 *
24	58 *	62 *	51 *	108 *	81 *	62 *		51 *	49 *	50 *	68 *	78 *
25	58 *	62 *	59 *	109 *	85 *	62 *		51 *	49 *	50 *	72 *	78 *
26	58 *	66 *	142 *	112 *	87 *	62 *		51 *	49 *	50 *	77 *	80 *
27	58 *	66 *	182 *	114 *	87 *	60 *		51 *	40 *		78 *	128 *
28	57 *	62 *	122 *	114 *	83 *	60 *		51 *	40 *		81 *	108 *
29	55 *		66 *	112 *	83 *	60 *		51 *	52 *		89 *	108 *
30	55 *		66 *	112 *	78 *	60 *		51 *	52 *	49 *	89 *	105 *
31	54 *		66 *		79 *					49 *		104 *
Nivel Max.	78 *	67 *	182 *	145 *	110 *				52 *		89 *	135 *
Día	17	22	27	12	1				vv		vv	3
Hora	7	17	7	17	7							17
Nivel Min.	54 *	53 *	51 *	66 *	78 *				40 *		45 *	58 *
Día	31	vv	vv	vv	30				vv		vv	12
Hora	17				17							17
Nivel Medio	58	57	70	101	90	67		52	50	52	61	76

NOTA: * DATOS LIMNIMETRICOS

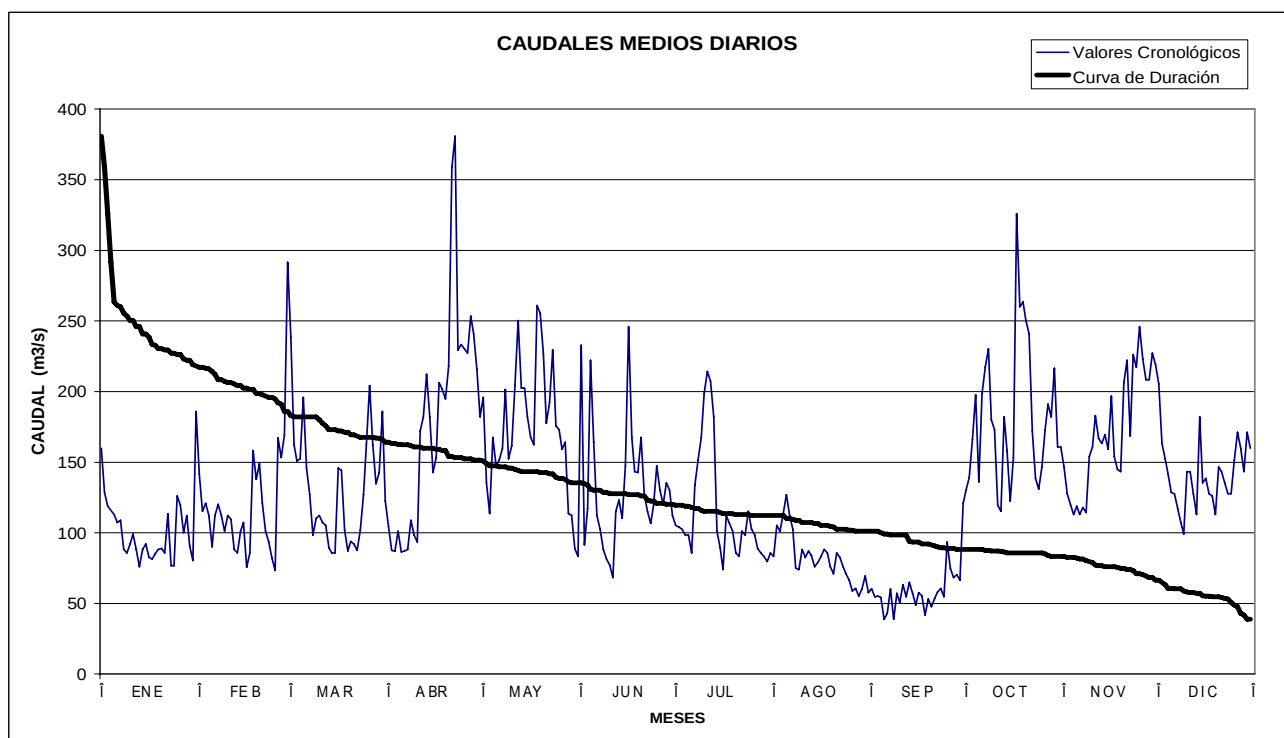
vv = Evento registrado en varios días

CAUDALES MEDIOS DIARIOS (m³/s)

2003

H011	MIRA EN LITA											Area Drenaje:4960 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	159.903 *	141.734 *	291.371 *	122.453 *	182.060 *	83.267 *	112.328 *	85.722 *	57.647 *	121.015 *	160.764 *	219.117 *
2	128.470 *	115.150 *	238.541 *	104.615 *	195.800 *	232.780 *	105.305 *	83.267 *	60.205 *	129.997 *	146.585 *	205.375 *
3	118.781 *	120.978 *	162.461 *	87.593 *	135.417 *	91.386 *	103.935 *	105.305 *	54.659 *	139.347 *	127.735 *	163.326 *
4	115.876 *	112.291 *	150.677 *	86.964 *	113.716 *	117.342 *	102.575 *	101.223 *	55.203 *	165.925 *	120.247 *	152.333 *
5	113.008 *	90.104 *	152.333 *	101.223 *	167.650 *	222.131 *	98.548 *	113.716 *	54.175 *	197.711 *	113.026 *	141.743 *
6	107.373 *	112.291 *	195.800 *	86.338 *	147.394 *	164.181 *	98.548 *	126.953 *	38.854 *	135.927 *	118.781 *	128.484 *
7	108.775 *	120.238 *	145.803 *	86.977 *	151.510 *	112.291 *	85.722 *	112.291 *	43.091 *	198.636 *	113.008 *	127.735 *
8	88.214 *	112.291 *	126.990 *	88.214 *	159.894 *	102.575 *	133.858 *	102.575 *	60.205 *	217.131 *	118.045 *	117.315 *
9	85.722 *	101.223 *	98.548 *	108.775 *	201.496 *	88.214 *	151.510 *	74.960 *	38.854 *	230.261 *	114.428 *	107.373 *
10	92.021 *	112.291 *	110.177 *	98.548 *	152.333 *	81.446 *	167.650 *	73.810 *	57.149 *	180.084 *	154.012 *	99.238 *
11	99.219 *	109.469 *	112.291 *	93.308 *	161.601 *	77.288 *	198.636 *	88.214 *	50.802 *	172.923 *	160.764 *	143.366 *
12	88.214 *	88.214 *	107.373 *	172.062 *	204.384 *	68.195 *	214.150 *	82.664 *	63.342 *	119.576 *	182.897 *	143.366 *
13	76.119 *	85.722 *	105.305 *	182.060 *	250.176 *	115.150 *	207.286 *	86.977 *	54.659 *	115.150 *	166.785 *	127.735 *
14	88.214 *	101.223 *	89.474 *	212.192 *	202.496 *	123.207 *	182.060 *	83.883 *	64.936 *	182.060 *	163.326 *	113.026 *
15	92.021 *	107.373 *	85.722 *	182.060 *	202.496 *	110.361 *	101.223 *	76.119 *	57.149 *	158.197 *	169.399 *	182.060 *
16	82.664 *	75.544 *	85.722 *	142.711 *	182.060 *	147.394 *	89.474 *	79.063 *	48.964 *	122.472 *	159.048 *	135.435 *
17	81.446 *	85.722 *	145.766 *	153.161 *	167.650 *	245.915 *	73.810 *	83.267 *	57.655 *	153.188 *	196.753 *	138.561 *
18	85.101 *	158.197 *	144.161 *	206.318 *	162.461 *	167.664 *	112.291 *	88.214 *	55.338 *	325.967 *	153.998 *	127.735 *
19	88.214 *	137.835 *	101.904 *	201.496 *	260.995 *	143.347 *	106.684 *	85.722 *	41.858 *	260.009 *	144.952 *	126.204 *
20	88.839 *	149.031 *	86.977 *	194.851 *	255.550 *	142.538 *	101.223 *	76.119 *	53.160 *	263.427 *	143.366 *	113.026 *
21	85.722 *	120.978 *	93.952 *	218.121 *	226.177 *	167.650 *	85.722 *	70.980 *	47.632 *	250.176 *	206.356 *	146.668 *
22	113.394 *	101.223 *	92.021 *	358.765 *	177.405 *	126.953 *	83.267 *	85.722 *	53.695 *	240.634 *	222.145 *	143.347 *
23	76.699 *	93.308 *	87.584 *	380.785 *	192.061 *	115.150 *	101.223 *	82.664 *	58.150 *	172.044 *	168.529 *	135.435 *
24	76.699 *	82.121 *	101.904 *	229.289 *	229.242 *	106.684 *	98.548 *	76.119 *	60.716 *	138.644 *	226.214 *	127.735 *
25	126.195 *	73.235 *	126.953 *	233.373 *	175.643 *	119.507 *	115.150 *	70.980 *	54.659 *	130.760 *	217.178 *	127.735 *
26	119.507 *	167.248 *	162.572 *	230.261 *	172.923 *	147.394 *	102.575 *	66.552 *	93.528 *	146.575 *	245.933 *	151.528 *
27	99.881 *	153.161 *	204.384 *	227.191 *	159.048 *	129.997 *	98.548 *	58.697 *	74.974 *	172.923 *	223.144 *	171.156 *
28	112.291 *	169.399 *	162.461 *	253.405 *	164.181 *	120.247 *	88.849 *	60.730 *	68.209 *	191.118 *	208.262 *	159.922 *
29	90.743 *		134.630 *	240.634 *	113.730 *	135.417 *	85.722 *	55.148 *	70.427 *	182.060 *	208.262 *	143.366 *
30	80.254 *		142.538 *	216.131 *	112.291 *	129.997 *	83.267 *	60.205 *	66.552 *	216.425 *	227.200 *	171.156 *
31	185.967 *		185.845 *		88.849 *		79.652 *	69.336 *		160.764 *		159.922 *
Caudal Max.	226.172 *	196.735 *	293.685 *	383.439 *	264.275 *	253.387 *	216.126 *	160.745 *	102.570 *	372.861 *	251.237 *	220.117 *
Día	31	26	1	23	19	2	12	6	26	20	26	1
Hora	16	7	7	7	7	16	7	16	7	7	7	7
Caudal Mín.	74.955 *	72.664 *	84.485 *	69.295 *	86.959 *	67.095 *	72.664 *	54.655 *	37.617 *	59.680 *	109.464 *	95.905 *
Día	13	25	16	16	31	12	17	29	6	6	5	10
Hora	16	16	16	7	16	16	16	16	16	16	16	16
Caudal Medio	101.792	114.200	136.524	176.663	176.409	131.189	115.140	82.813	57.215	180.359	169.371	143.565

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



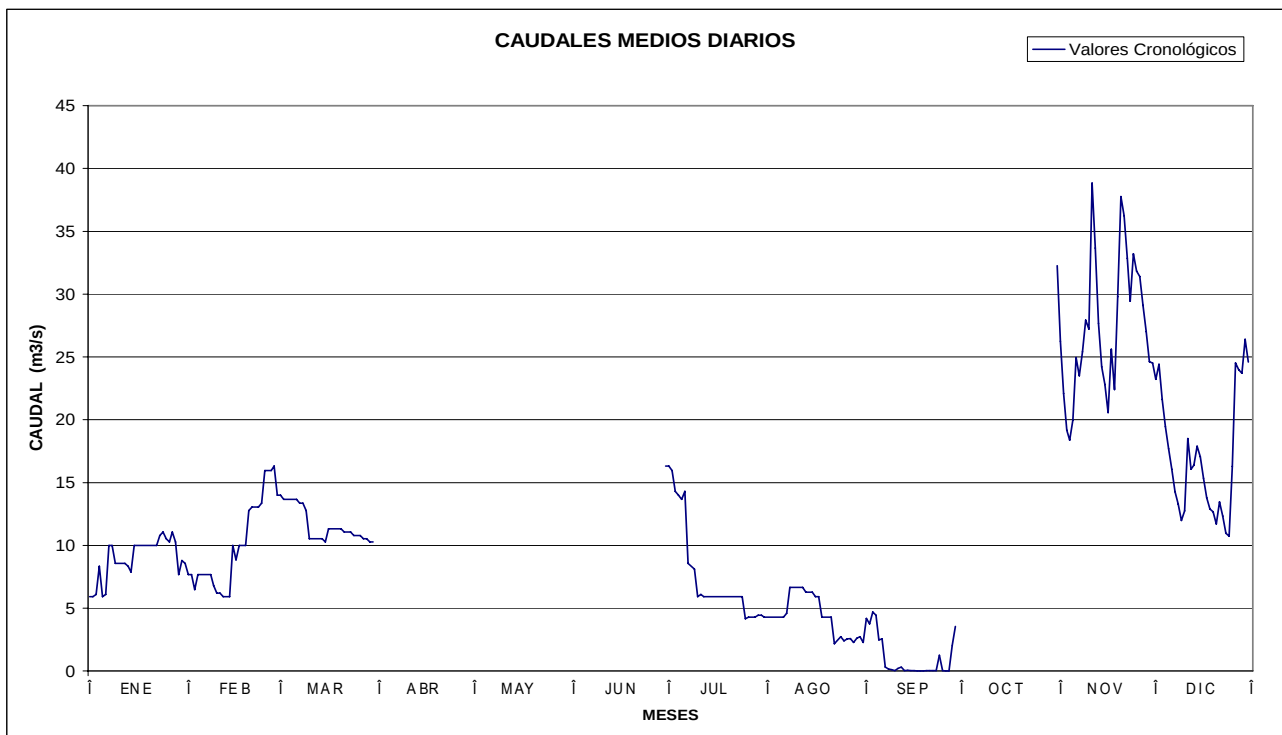
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H013	BLANCO AJ MIRA											Area Drenaje:176 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	5.921 *	7.685 *	13.986 *				16.310 *	4.300 *	2.266 *		32.250	24.511
2	5.921 *	7.685 *	13.986 *				16.310 *	4.300 *	4.192 *		26.254	23.228
3	6.103 *	6.476 *	13.673 *				15.964 *	4.300 *	3.768 *		22.104	24.405
4	8.341 *	7.685 *	13.673 *				14.304 *	4.300 *	4.694 *		19.168	21.613
5	5.921 *	7.685 *	13.673 *				13.986 *	4.300 *	4.447 *		18.386	19.462
6	6.103 *	7.685 *	13.673 *				13.673 *	4.300 *	2.486 *		19.973	17.687
7	10.013 *	7.685 *	13.673 *				14.304 *	4.300 *	2.570 *		24.946	16.054
8	10.013 *	7.685 *	13.365 *				8.568 *	4.597 *	0.315 *		23.501	14.271
9	8.568 *	6.803 *	13.365 *				8.341 *	6.668 *	0.170 *		25.405	13.286
10	8.568 *	6.199 *	12.762 *				8.118 *	6.668 *	0.118 *		27.915	11.983
11	8.568 *	6.199 *	10.528 *				5.921 *	6.668 *	0.027 *		27.230	12.746
12	8.568 *	5.921 *	10.528 *				6.103 *	6.668 *	0.201 *		38.829	18.521
13	8.341 *	5.921 *	10.528 *				5.921 *	6.668 *	0.315 *		33.673	16.058
14	7.900 *	5.921 *	10.528 *				5.921 *	6.287 *	0.027 *		27.683	16.409
15	10.013 *	10.013 *	10.530 *				5.921 *	6.287 *	0.062 *		24.214	17.879
16	10.013 *	8.849 *	10.268 *				5.921 *	6.287 *	0.027 *		22.796	17.071
17	10.013 *	10.013 *	11.333 *				5.921 *	5.921 *	0.027 *		20.557	15.354
18	10.013 *	10.013 *	11.333 *				5.921 *	5.921 *	0.008 *		25.623	13.780
19	10.013 *	10.013 *	11.333 *				5.921 *	4.300 *	0.008 *		22.405	12.893
20	10.013 *	12.762 *	11.333 *				5.921 *	4.300 *	0.008 *		29.795	12.684
21	10.013 *	13.061 *	11.333 *				5.921 *	4.300 *	0.027 *		37.757	11.711
22	10.013 *	13.061 *	11.060 *				5.921 *	4.300 *	0.039 *		36.235	13.470
23	10.792 *	13.061 *	11.060 *				5.921 *	2.172 *	0.046 *		32.857	12.354
24	11.060 *	13.365 *	11.060 *				5.921 *	2.462 *	0.027 *		29.427	10.974
25	10.528 *	15.964 *	10.792 *				5.921 *	2.726 *	1.267 *		33.195	10.738
26	10.268 *	15.964 *	10.792 *				4.156 *	2.415 *	0.048 *		31.825	16.295
27	11.060 *	15.964 *	10.792 *				4.300 *	2.566 *	0.008 *		31.398	24.524
28	10.268 *	16.310 *	10.528 *				4.300 *	2.577 *	0.019 *		29.101	23.981
29	7.685 *		10.528 *				4.300 *	2.266 *	2.038 *		27.006	23.709
30	8.799 *		10.268 *				4.447 *	2.617 *	3.551 *		24.609	26.411
31	8.568 *		10.268 *				4.447 *	2.723 *				24.598
Caudal Max.	11.060 *	16.310 *	13.986 *				16.310 *	6.668 *	5.921 *		39.921	26.647
Día	vv	28	vv				vv	vv	2		12	30
Hora		7							17		12	17
Caudal Mín.	5.921 *	5.921 *	10.268 *				4.156 *	2.172 *	0.003 *		17.745	10.528
Día	vv	vv	vv				26	23	27		5	26
Hora							17	17	17		14	
Caudal Medio	8.967	9.844	11.695				7.898	4.467	1.093		27.537	17.376

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



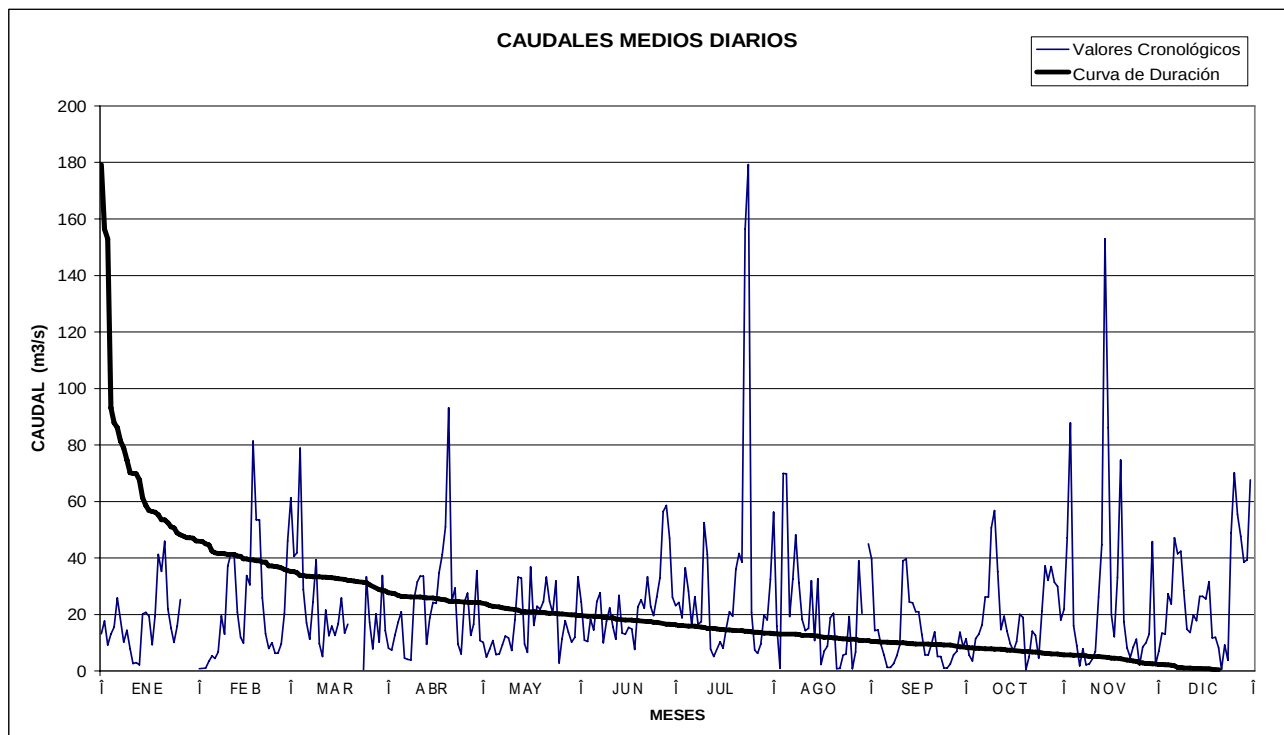
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H015	CHOTA EN PTE. CARRETERA											Area Drenaje: 1810 km ²
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	13.259 *	0.806 *	46.046 *	14.353 *	10.809 *	33.360 *	26.099 *	32.452 *	45.026 *	8.566 *	18.062 *	2.291 *
2	17.741 *	0.942 *	61.405 *	8.081 *	10.176 *	24.500 *	23.201 *	56.187 *	39.731 *	11.414 *	21.806 *	6.969 *
3	9.284 *	1.086 *	40.578 *	7.419 *	4.968 *	10.915 *	24.331 *	15.894 *	14.353 *	5.598 *	47.167 *	13.373 *
4	13.103 *	3.498 *	41.823 *	12.704 *	7.720 *	10.414 *	18.838 *	0.977 *	14.589 *	3.573 *	87.906 *	13.098 *
5	15.575 *	5.322 *	78.892 *	17.216 *	10.875 *	18.351 *	36.546 *	69.939 *	9.447 *	11.504 *	16.076 *	27.394 *
6	25.836 *	4.492 *	28.798 *	21.002 *	5.817 *	14.569 *	28.373 *	69.836 *	5.598 *	13.098 *	9.041 *	23.659 *
7	18.060 *	6.756 *	17.032 *	4.619 *	6.025 *	24.574 *	16.157 *	19.266 *	1.240 *	16.305 *	1.880 *	47.198 *
8	10.287 *	19.533 *	11.300 *	4.108 *	9.320 *	27.742 *	26.355 *	32.598 *	1.240 *	26.215 *	7.900 *	41.502 *
9	14.404 *	13.117 *	24.291 *	3.843 *	12.423 *	10.047 *	16.443 *	48.182 *	2.669 *	26.215 *	2.155 *	42.378 *
10	7.915 *	37.233 *	39.365 *	25.645 *	11.769 *	17.605 *	17.510 *	31.346 *	5.436 *	50.752 *	2.595 *	28.435 *
11	2.635 *	41.649 *	9.699 *	31.501 *	7.297 *	22.328 *	52.550 *	18.313 *	9.231 *	56.754 *	4.377 *	14.777 *
12	3.010 *	40.681 *	5.088 *	33.656 *	18.153 *	15.693 *	41.247 *	14.378 *	38.999 *	35.174 *	6.950 *	13.668 *
13	2.186 *	20.987 *	21.613 *	33.656 *	33.298 *	11.244 *	7.777 *	15.071 *	39.731 *	14.651 *	26.231 *	19.920 *
14	20.243 *	11.987 *	12.451 *	9.440 *	32.932 *	26.865 *	5.136 *	32.011 *	24.444 *	19.382 *	44.638 *	17.877 *
15	20.815 *	9.868 *	15.920 *	18.851 *	9.587 *	13.431 *	7.682 *	10.827 *	24.168 *	14.067 *	152.985 *	26.502 *
16	19.382 *	33.794 *	12.625 *	24.291 *	6.557 *	13.069 *	10.357 *	32.685 *	21.002 *	9.652 *	86.214 *	26.502 *
17	9.425 *	30.473 *	16.848 *	23.946 *	36.842 *	15.481 *	8.055 *	2.344 *	21.002 *	7.143 *	19.959 *	25.492 *
18	19.679 *	81.397 *	25.845 *	34.843 *	16.157 *	14.923 *	15.064 *	7.055 *	12.980 *	10.462 *	12.228 *	31.656 *
19	41.289 *	53.507 *	13.373 *	41.241 *	22.982 *	7.641 *	21.002 *	8.850 *	5.744 *	20.116 *	33.129 *	11.681 *
20	35.287 *	53.507 *	16.624 *	51.081 *	21.962 *	22.738 *	19.398 *	18.838 *	5.744 *	18.957 *	74.721 *	11.890 *
21	45.889 *	25.953 *		93.181 *	24.675 *	25.195 *	35.966 *	20.455 *	9.620 *	0.584 *	17.547 *	8.190 *
22	21.970 *	13.193 *		24.687 *	33.298 *	22.282 *	41.595 *	0.806 *	13.889 *	5.039 *	8.199 *	0.620 *
23	15.117 *	7.961 *		29.350 *	24.762 *	33.360 *	38.640 *	1.014 *	5.136 *	14.134 *	4.862 *	9.176 *
24	10.136 *	10.029 *		9.620 *	20.533 *	22.875 *	156.327 *	5.598 *	5.136 *	12.704 *	8.437 *	3.764 *
25	15.876 *	6.244 *	0.458 *	6.005 *	31.852 *	19.634 *	179.307 *	6.060 *	1.086 *	4.619 *	11.232 *	48.907 *
26	25.341 *	6.383 *	33.360 *	24.481 *	2.895 *	26.189 *	20.727 *	19.369 *	1.086 *	21.071 *	2.095 *	70.216 *
27		9.620 *	17.300 *	27.517 *	11.343 *	32.991 *	7.396 *	0.806 *	2.558 *	37.196 *	8.568 *	55.267 *
28		20.451 *	7.880 *	12.610 *	17.847 *	56.485 *	6.266 *	6.713 *	5.743 *	32.088 *	10.019 *	47.742 *
29			20.281 *	16.624 *	13.707 *	58.670 *	9.620 *	39.002 *	6.956 *	36.915 *	13.117 *	38.640 *
30			10.325 *	35.505 *	10.287 *	46.988 *	19.907 *	20.400 *	13.772 *	31.427 *	45.806 *	39.401 *
31			33.874 *		11.890 *		18.054 *		29.925 *			67.713 *
Caudal Max.		141.792 *		156.327 *	39.731 *	60.855 *	181.459 *		45.026 *	70.024 *	175.731 *	106.523 *
Día		18		21	21	29	25		1	11	4	27
Hora		7		17	7	7	17		7	7	17	7
Caudal Min.		0.081 *		1.086 *	0.806 *	0.458 *	0.806 *		1.086 *	0.081 *	0.013 *	0.000 *
Día		7		14	7	18	16		vv	21	7	22
Hora		17		7	17	7	7			7	7	7
Caudal Medio	17.452	20.374	24.559	23.369	16.089	23.339	30.836	21.909	13.578	19.526	26.863	26.964

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



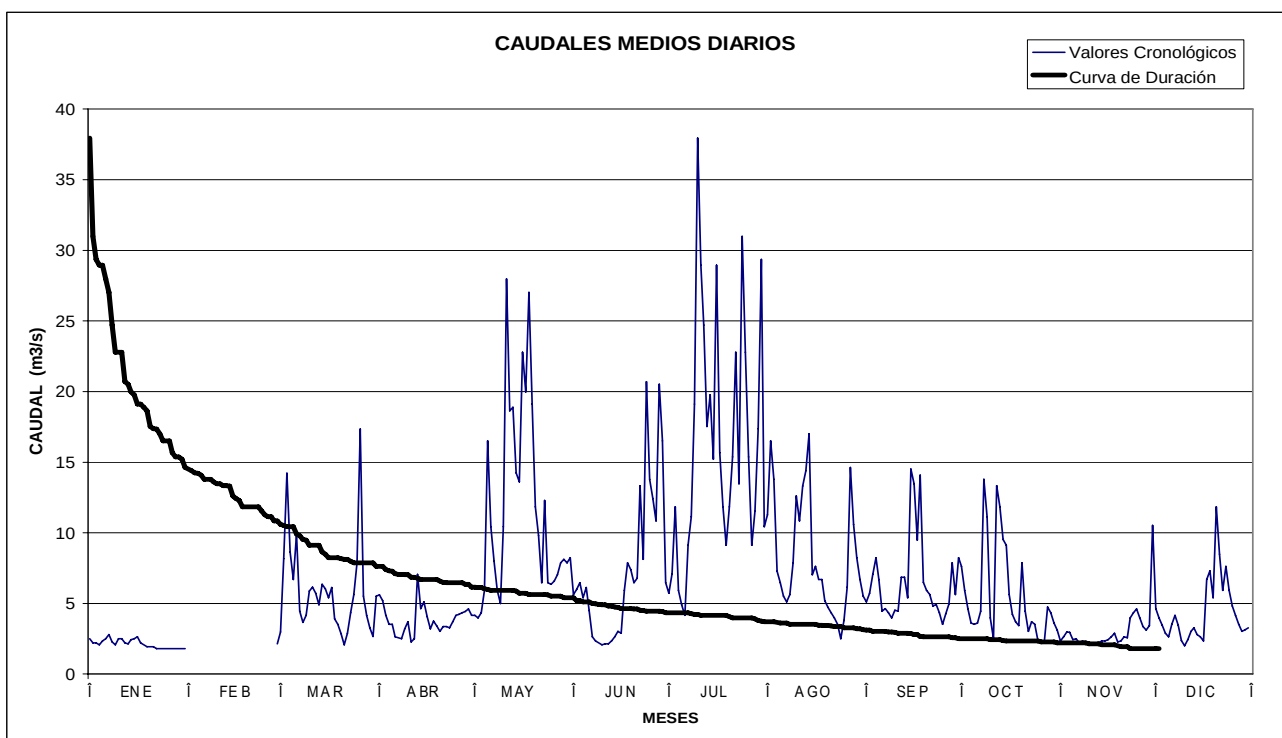
CAUDALES MEDIOS DIARIOS (m³/s)

2003

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	2.494 *		2.139 *	5.523 *	4.143 *	8.229 *	6.476 *	10.443 *	5.509 *	8.229 *	3.112 *	10.521 *
2	2.208 *		2.967 *	5.612 *	4.143 *	5.622 *	5.716 *	11.279 *	5.101 *	7.626 *	2.351 *	4.622 *
3	2.208 *		8.175 *	5.202 *	3.964 *	5.988 *	7.096 *	16.504 *	5.716 *	5.930 *	2.644 *	3.964 *
4	2.071 *		14.231 *	4.150 *	4.330 *	6.476 *	11.846 *	13.774 *	7.063 *	4.622 *	2.967 *	3.442 *
5	2.349 *		8.634 *	3.525 *	5.930 *	5.408 *	5.930 *	7.269 *	8.229 *	3.612 *	2.952 *	2.884 *
6	2.494 *		6.706 *	3.529 *	16.504 *	6.143 *	4.904 *	6.476 *	6.706 *	3.529 *	2.425 *	2.644 *
7	2.795 *		9.908 *	2.644 *	10.443 *	4.495 *	4.143 *	5.509 *	4.443 *	3.612 *	2.494 *	3.529 *
8	2.278 *		4.443 *	2.568 *	7.989 *	2.644 *	9.118 *	5.101 *	4.622 *	4.443 *	2.208 *	4.143 *
9	2.071 *		3.655 *	2.496 *	5.930 *	2.351 *	11.125 *	5.622 *	4.330 *	13.774 *	2.351 *	3.442 *
10	2.494 *		4.143 *	3.192 *	5.002 *	2.208 *	19.108 *	7.872 *	3.964 *	11.128 *	2.278 *	2.366 *
11	2.496 *		5.884 *	3.698 *	10.443 *	2.072 *	37.942 *	12.604 *	4.518 *	3.964 *	2.208 *	2.008 *
12	2.208 *		6.150 *	2.278 *	27.966 *	2.139 *	28.940 *	10.848 *	4.443 *	2.494 *	2.208 *	2.421 *
13	2.139 *		5.718 *	2.494 *	18.635 *	2.139 *	24.704 *	13.315 *	6.850 *	13.324 *	2.208 *	3.034 *
14	2.421 *		4.909 *	7.063 *	18.892 *	2.351 *	17.521 *	14.396 *	6.850 *	11.846 *	2.208 *	3.281 *
15	2.494 *		6.363 *	4.622 *	14.244 *	2.644 *	19.774 *	16.999 *	5.408 *	9.523 *	2.349 *	2.802 *
16	2.642 *		6.036 *	5.102 *	13.599 *	3.030 *	15.210 *	7.039 *	14.509 *	9.118 *	2.349 *	2.644 *
17	2.208 *		5.408 *	4.063 *	22.792 *	2.884 *	28.940 *	7.626 *	13.463 *	5.622 *	2.421 *	2.351 *
18	2.071 *		6.143 *	3.192 *	19.975 *	5.930 *	15.672 *	6.706 *	9.481 *	4.236 *	2.644 *	6.706 *
19	1.937 *		3.895 *	3.751 *	27.027 *	7.872 *	11.846 *	6.706 *	14.074 *	3.698 *	2.884 *	7.309 *
20	1.937 *		3.529 *	3.411 *	19.108 *	7.396 *	9.118 *	5.202 *	6.492 *	3.440 *	2.278 *	5.408 *
21	1.937 *		2.873 *	3.030 *	11.846 *	6.476 *	11.846 *	4.723 *	5.930 *	7.872 *	2.349 *	11.846 *
22	1.808 *		2.072 *	3.357 *	9.800 *	6.788 *	15.372 *	4.330 *	5.622 *	4.443 *	2.644 *	8.475 *
23	1.808 *		2.884 *	3.357 *	6.476 *	13.324 *	22.792 *	3.964 *	4.808 *	3.030 *	2.568 *	5.930 *
24	1.808 *		4.330 *	3.275 *	12.296 *	8.108 *	13.467 *	3.529 *	4.930 *	3.708 *	3.964 *	7.626 *
25	1.808 *		5.622 *	3.698 *	6.476 *	20.685 *	30.990 *	2.494 *	4.330 *	3.529 *	4.330 *	5.930 *
26	1.808 *		7.872 *	4.143 *	6.363 *	13.774 *	22.792 *	3.797 *	3.529 *	2.351 *	4.612 *	4.808 *
27	1.808 *		17.336 *	4.236 *	6.585 *	12.422 *	15.372 *	6.150 *	4.270 *	2.278 *	3.964 *	4.143 *
28	1.808 *		5.509 *	4.328 *	7.039 *	10.848 *	9.118 *	14.614 *	4.964 *	2.351 *	3.357 *	3.529 *
29	1.808 *		4.143 *	4.422 *	7.872 *	20.513 *	11.531 *	10.577 *	7.872 *	4.750 *	3.112 *	3.034 *
30	1.808 *		3.273 *	4.612 *	8.108 *	16.504 *	17.372 *	8.229 *	5.622 *	4.330 *	3.440 *	3.139 *
31	1.808 *		2.659 *	7.872 *	7.872 *	29.345 *	6.706 *	6.706 *		3.612 *		3.273 *
Caudal Max.	2.794 *		17.336 *	7.983 *	33.176 *	28.805 *	42.708 *	17.336 *	23.917 *	19.072 *	4.707 *	12.566 *
Día	7		4	14	19	25	11	15	16	9	26	1
Hora	7		18	18	6	18	6	6	18	18	6	6
Caudal Min.	1.807 *		1.937 *	2.208 *	2.494 *	1.937 *	4.143 *	2.494 *	3.273 *	2.208 *	2.208 *	1.807 *
Día	26		22	12	16	11	7	25	26	27	vv	11
Hora	18		18	6	6	18	18	18	6	6		6
Caudal Medio	2.130		5.729	3.886	11.348	7.249	15.972	8.400	6.455	5.678	2.796	4.557

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



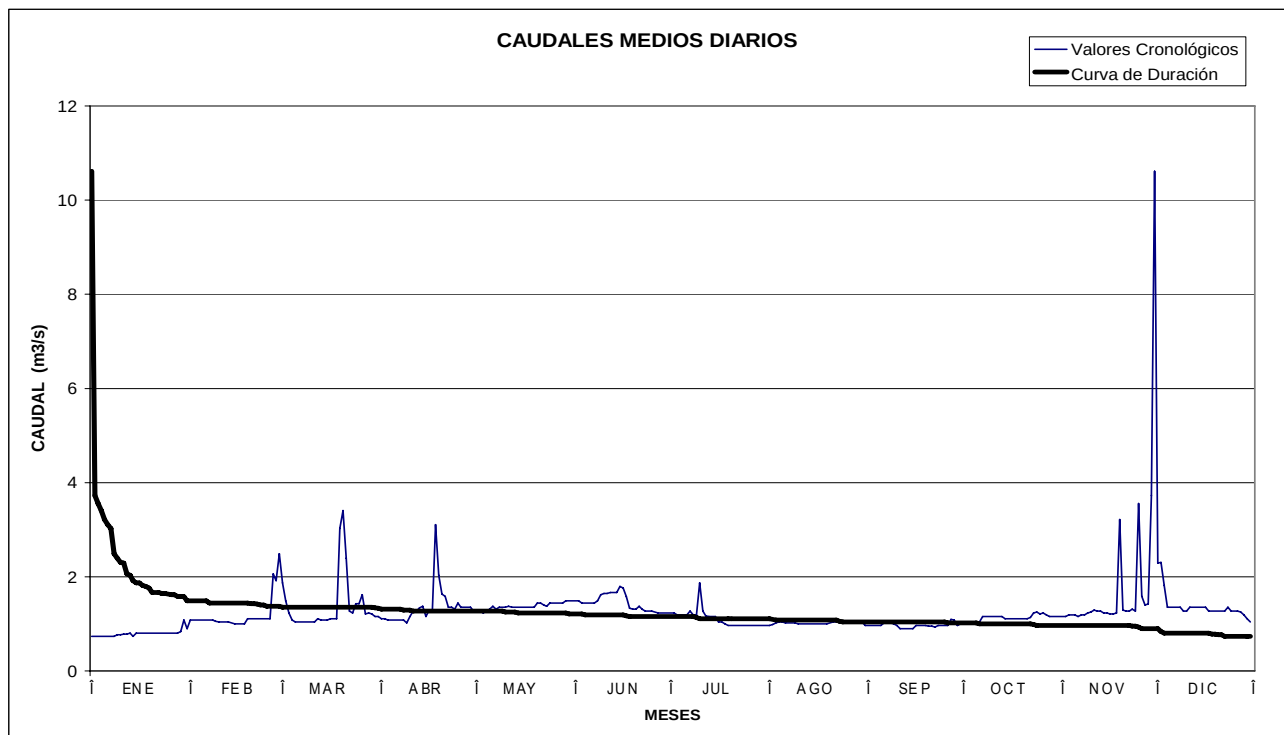
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H026	ITAMBI EN L.S.PABLO											Area Drenaje:90 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.741 *	1.079 *	2.494 *	1.155 *	1.274 *	1.487 *	1.233 *	0.970 *	0.970 *	1.006 *	1.155 *	10.618 *
2	0.741 *	1.079 *	1.871 *	1.116 *	1.274 *	1.487 *	1.233 *	0.970 *	0.970 *	1.042 *	1.155 *	2.295 *
3	0.741 *	1.079 *	1.487 *	1.116 *	1.274 *	1.487 *	1.233 *	0.988 *	0.970 *	1.042 *	1.155 *	2.305 *
4	0.741 *	1.079 *	1.234 *	1.079 *	1.233 *	1.443 *	1.194 *	1.024 *	0.970 *	1.042 *	1.194 *	1.817 *
5	0.741 *	1.079 *	1.079 *	1.079 *	1.274 *	1.443 *	1.194 *	1.042 *	0.970 *	1.042 *	1.194 *	1.357 *
6	0.741 *	1.079 *	1.042 *	1.079 *	1.315 *	1.443 *	1.194 *	1.042 *	0.970 *	1.042 *	1.194 *	1.357 *
7	0.741 *	1.079 *	1.042 *	1.079 *	1.378 *	1.443 *	1.194 *	1.024 *	1.024 *	1.042 *	1.155 *	1.357 *
8	0.741 *	1.079 *	1.042 *	1.079 *	1.315 *	1.443 *	1.275 *	1.024 *	1.042 *	1.155 *	1.194 *	1.357 *
9	0.772 *	1.060 *	1.042 *	1.079 *	1.357 *	1.487 *	1.194 *	1.024 *	1.024 *	1.155 *	1.194 *	1.357 *
10	0.772 *	1.042 *	1.042 *	1.024 *	1.357 *	1.624 *	1.194 *	1.024 *	1.006 *	1.155 *	1.233 *	1.274 *
11	0.788 *	1.042 *	1.042 *	1.158 *	1.357 *	1.648 *	1.877 *	1.006 *	0.970 *	1.155 *	1.254 *	1.274 *
12	0.788 *	1.042 *	1.042 *	1.274 *	1.378 *	1.648 *	1.274 *	1.006 *	0.901 *	1.155 *	1.294 *	1.357 *
13	0.803 *	1.042 *	1.116 *	1.275 *	1.357 *	1.671 *	1.174 *	1.006 *	0.901 *	1.155 *	1.274 *	1.357 *
14	0.741 *	1.024 *	1.079 *	1.340 *	1.357 *	1.671 *	1.155 *	1.006 *	0.901 *	1.155 *	1.274 *	1.357 *
15	0.803 *	1.006 *	1.079 *	1.375 *	1.357 *	1.671 *	1.155 *	1.006 *	0.901 *	1.116 *	1.233 *	1.357 *
16	0.803 *	1.006 *	1.079 *	1.156 *	1.357 *	1.795 *	1.155 *	1.006 *	0.901 *	1.116 *	1.233 *	1.357 *
17	0.803 *	1.006 *	1.116 *	1.294 *	1.357 *	1.768 *	1.042 *	1.006 *	0.970 *	1.116 *	1.213 *	1.357 *
18	0.803 *	1.006 *	1.116 *	1.274 *	1.357 *	1.581 *	1.042 *	1.006 *	0.970 *	1.116 *	1.213 *	1.274 *
19	0.803 *	1.116 *	1.116 *	3.106 *	1.357 *	1.336 *	1.006 *	1.006 *	0.970 *	1.116 *	1.233 *	1.274 *
20	0.803 *	1.116 *	3.027 *	2.036 *	1.357 *	1.315 *	0.970 *	1.006 *	0.970 *	1.116 *	3.217 *	1.274 *
21	0.803 *	1.116 *	3.412 *	1.630 *	1.443 *	1.315 *	0.970 *	1.024 *	0.953 *	1.116 *	1.294 *	1.274 *
22	0.803 *	1.116 *	2.394 *	1.587 *	1.443 *	1.379 *	0.970 *	1.042 *	0.953 *	1.116 *	1.274 *	1.274 *
23	0.803 *	1.116 *	1.274 *	1.357 *	1.400 *	1.315 *	0.970 *	1.042 *	0.935 *	1.135 *	1.274 *	1.274 *
24	0.803 *	1.116 *	1.233 *	1.357 *	1.378 *	1.274 *	0.970 *	1.042 *	0.970 *	1.233 *	1.315 *	1.357 *
25	0.803 *	1.116 *	1.429 *	1.315 *	1.443 *	1.274 *	0.970 *	1.042 *	0.970 *	1.254 *	1.274 *	1.274 *
26	0.803 *	1.116 *	1.429 *	1.445 *	1.443 *	1.274 *	0.970 *	1.042 *	0.970 *	1.213 *	3.560 *	1.274 *
27	0.803 *	2.060 *	1.624 *	1.357 *	1.443 *	1.254 *	0.970 *	1.042 *	0.970 *	1.233 *	1.584 *	1.274 *
28	0.803 *	1.920 *	1.213 *	1.357 *	1.443 *	1.233 *	0.970 *	1.042 *	1.097 *	1.194 *	1.400 *	1.254 *
29	0.835 *		1.233 *	1.357 *	1.443 *	1.233 *	0.970 *	1.042 *	1.082 *	1.155 *	1.421 *	1.194 *
30	1.079 *		1.213 *	1.357 *	1.487 *	1.233 *	0.970 *	1.042 *	0.970 *	1.155 *	3.725 *	1.116 *
31	0.901 *		1.155 *		1.487 *		0.970 *	1.042 *		1.155 *		1.042 *
Caudal Max.	1.079 *	2.966 *	5.291 *	4.938 *	1.487 *	1.918 *	2.129 *	1.042 *	1.194 *	1.274 *	6.136 *	10.882 *
Día	30	27	21	19	vv	16	11	vv	29	25	30	1
Hora	7	18	18	18		18	7		7	18	18	7
Caudal Mín.	0.741 *	1.005 *	1.042 *	1.005 *	1.233 *	1.233 *	0.970 *	0.970 *	0.901 *	0.970 *	1.155 *	1.042 *
Día	vv	15	vv	10	4	vv	vv	vv	vv	1	vv	31
Hora		7		7	18					18		18
Caudal Medio	0.795	1.136	1.413	1.343	1.371	1.456	1.118	1.020	0.971	1.129	1.479	1.675

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



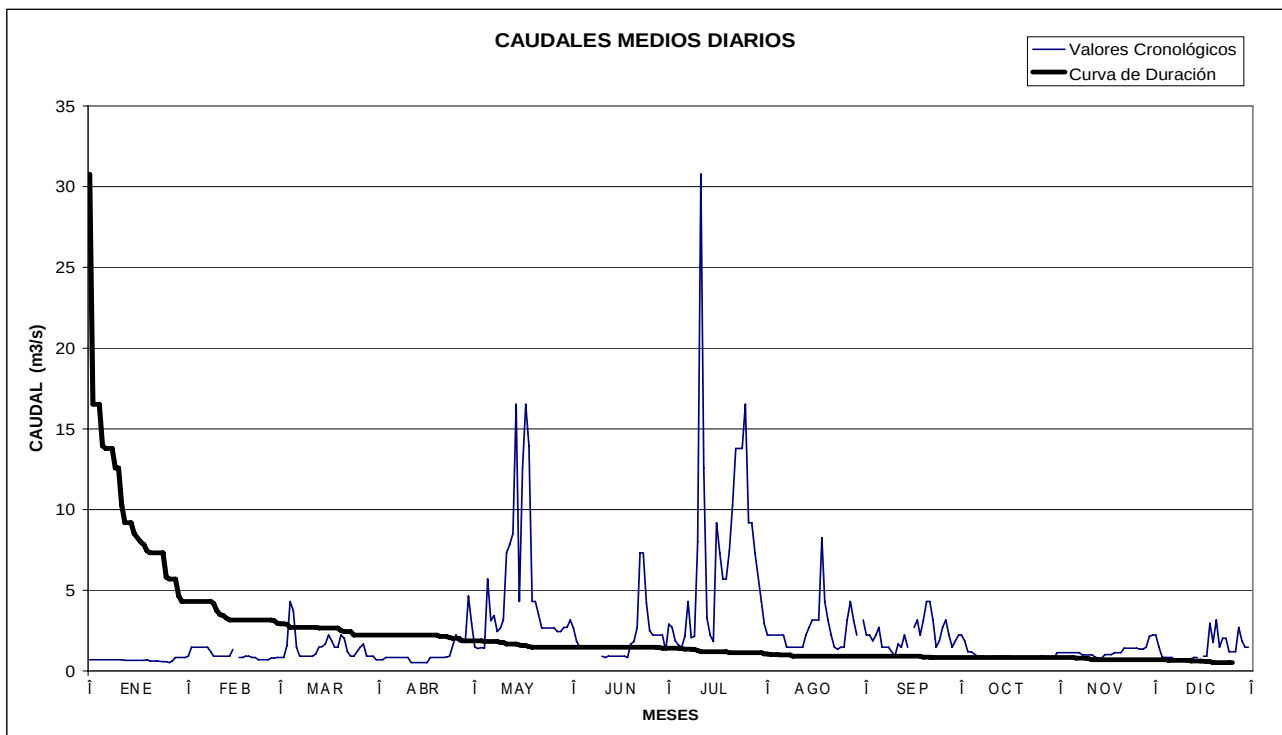
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H045	APAQUI DJ MINAS											Area Drenaje:315 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.699 *	0.921 *	0.828 *	0.699 *	2.932 *	3.169 *	1.281 *	2.922 *	3.169 *	2.231 *	1.141 *	2.231 *
2	0.699 *	1.488 *	0.828 *	0.699 *	1.488 *	2.674 *	2.903 *	2.231 *	2.231 *	2.231 *	1.141 *	2.231 *
3	0.699 *	1.488 *	0.828 *	0.699 *	1.392 *	1.836 *	2.700 *	2.231 *	2.231 *	1.859 *	1.141 *	1.488 *
4	0.699 *	1.488 *	1.576 *	0.828 *	1.456 *	1.488 *	1.859 *	2.231 *	1.859 *	1.184 *	1.141 *	0.875 *
5	0.699 *	1.488 *	4.318 *	0.828 *	1.424 *	1.488 *	1.622 *	2.231 *	2.231 *	1.184 *	1.141 *	0.828 *
6	0.699 *	1.488 *	3.744 *	0.828 *	5.696 *	1.488 *	1.488 *	2.231 *	2.700 *	1.053 *	1.141 *	0.828 *
7	0.699 *	1.488 *	1.488 *	0.828 *	3.117 *	1.488 *	2.163 *	2.231 *	1.488 *	0.921 *	1.141 *	0.828 *
8	0.699 *	1.184 *	0.921 *	0.828 *	3.442 *	1.488 *	4.318 *	1.488 *	1.488 *	0.921 *	1.141 *	0.699 *
9	0.699 *	0.921 *	0.921 *	0.828 *	2.453 *	1.488 *	2.067 *	1.488 *	1.488 *	0.921 *	1.006 *	0.699 *
10	0.699 *	0.921 *	0.921 *	0.828 *	2.674 *		2.149 *	1.488 *	1.184 *	0.828 *	1.006 *	0.699 *
11	0.699 *	0.921 *	0.921 *	0.828 *	3.169 *	0.921 *	8.011 *	1.488 *	0.921 *	0.828 *	1.006 *	0.699 *
12	0.659 *	0.921 *	0.921 *	0.513 *	7.317 *	0.829 *	30.771 *	1.488 *	1.662 *	0.921 *	1.006 *	0.699 *
13	0.659 *	0.921 *	1.053 *	0.513 *	7.834 *	0.921 *	12.571 *	1.488 *	1.488 *	0.921 *	0.875 *	0.763 *
14	0.659 *	0.921 *	1.488 *	0.513 *	8.523 *	0.921 *	3.275 *	2.231 *	2.231 *	0.921 *	0.810 *	0.828 *
15	0.659 *	1.332 *	1.521 *	0.513 *	16.533 *	0.921 *	2.231 *	2.700 *	1.488 *	0.921 *	0.810 *	0.828 *
16	0.659 *		1.662 *	0.513 *	4.318 *	0.921 *	1.836 *	3.169 *		0.921 *	1.030 *	
17	0.659 *	0.828 *	2.231 *	0.513 *	12.571 *	0.921 *	9.197 *	3.169 *	2.700 *	0.921 *	1.030 *	0.921 *
18	0.659 *	0.828 *	1.859 *	0.828 *	16.533 *	0.921 *	7.317 *	3.169 *	3.169 *	0.828 *	1.030 *	0.921 *
19	0.699 *	0.921 *	1.488 *	0.828 *	13.942 *	0.828 *	5.696 *	8.257 *	2.231 *	0.828 *	1.141 *	2.965 *
20	0.620 *	0.921 *	1.488 *	0.828 *	4.318 *	1.662 *	5.696 *	4.318 *	3.169 *	0.828 *	1.141 *	1.778 *
21	0.620 *	0.828 *	2.231 *	0.828 *	4.318 *	1.836 *	7.447 *	3.169 *	4.318 *	0.828 *	1.141 *	3.169 *
22	0.620 *	0.828 *	2.034 *	0.828 *	3.496 *	2.700 *	10.274 *	2.231 *	4.318 *	0.828 *	1.424 *	1.488 *
23	0.601 *	0.699 *	1.205 *	0.875 *	2.674 *	7.317 *	13.791 *	1.488 *	3.169 *	0.828 *	1.424 *	2.034 *
24	0.583 *	0.699 *	0.921 *	0.921 *	2.674 *	7.317 *	13.791 *	1.361 *	1.488 *	0.828 *	1.424 *	2.034 *
25	0.583 *	0.699 *	0.921 *	1.576 *	2.674 *	4.193 *	13.791 *	1.488 *	1.859 *	0.828 *	1.424 *	1.184 *
26	0.513 *	0.699 *	1.205 *	2.231 *	2.674 *	2.500 *	16.533 *	1.488 *	2.700 *	0.828 *	1.424 *	1.184 *
27	0.626 *	0.810 *	1.488 *	1.827 *	2.674 *	2.231 *	9.197 *	3.151 *	3.169 *	0.921 *	1.361 *	1.184 *
28	0.828 *	0.810 *	1.662 *	1.827 *	2.453 *	2.231 *	9.197 *	4.318 *	2.231 *	0.921 *	1.361 *	2.700 *
29	0.828 *		0.921 *	1.778 *	2.453 *	2.231 *	7.317 *	3.169 *	1.488 *	0.828 *	1.488 *	1.859 *
30	0.828 *		0.921 *	4.648 *	2.700 *	2.231 *	5.818 *	2.231 *	1.859 *	0.828 *	2.149 *	1.488 *
31	0.828 *		0.921 *		2.700 *		4.318 *			0.828 *		1.488 *
Caudal Max.	0.828 *		4.318 *	4.978 *	16.532 *		30.770 *			2.231 *	2.231 *	
Día	vv		5	30	15		12			vv	30	
Hora			6	18	6		6				18	
Caudal Min.	0.513 *		0.828 *	0.513 *	1.361 *		1.074 *			0.828 *	0.699 *	
Día	26		vv	vv	3		1			vv	17	
Hora	18				18		6				6	
Caudal Medio	0.680	1.017	1.466	1.054	4.923	2.109	7.117	2.545	2.266	1.015	1.188	1.387

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



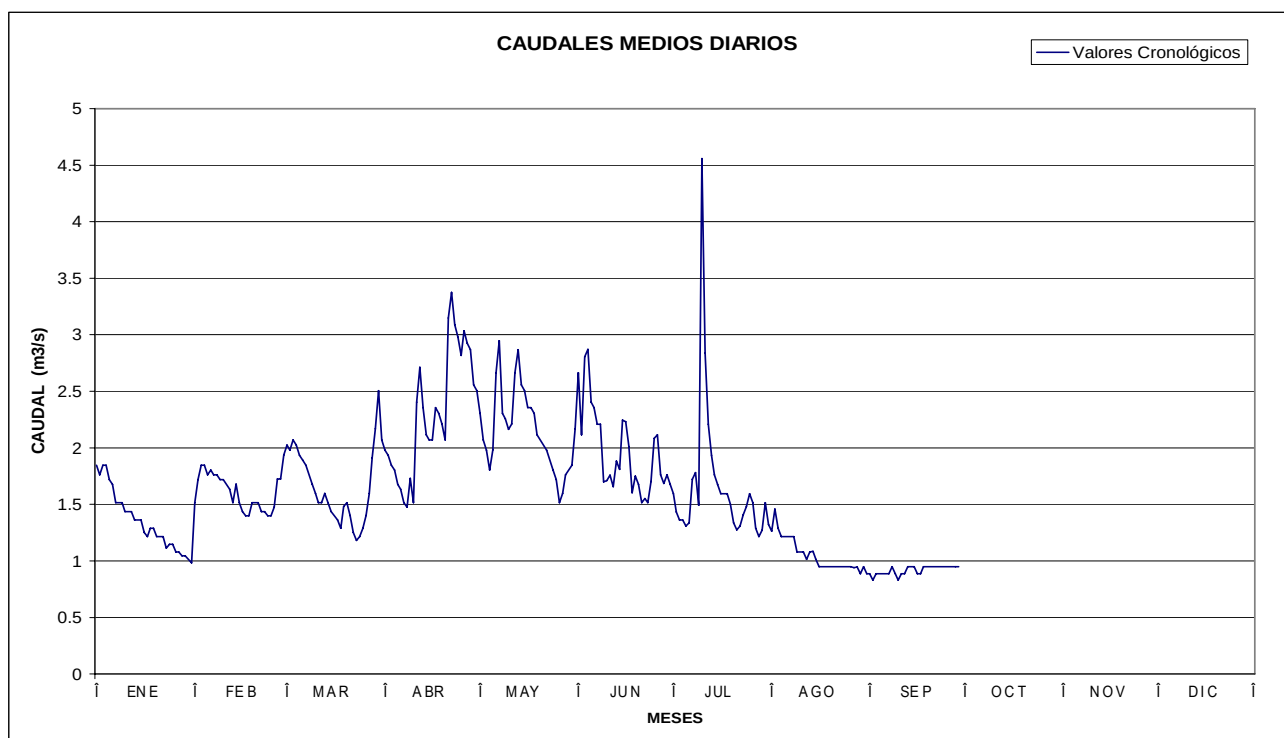
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H091	GRANDE AJ JATIVA										Area Drenaje:54 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.847 *	1.515 *	1.936 *	2.070 *	2.505 *	2.169 *	1.677	1.322	0.888			
2	1.762 *	1.719 *	2.025 *	1.980 *	2.306 *	2.664 *	1.595	1.263	0.888			
3	1.847 *	1.847 *	1.980 *	1.935 *	2.070 *	2.117 *	1.432	1.458	0.829			
4	1.847 *	1.847 *	2.070 *	1.847 *	1.980 *	2.806 *	1.362	1.288	0.888			
5	1.719 *	1.761 *	2.025 *	1.804 *	1.804 *	2.872 *	1.362	1.216	0.888			
6	1.677 *	1.804 *	1.935 *	1.677 *	1.982 *	2.404 *	1.309	1.216	0.888			
7	1.515 *	1.762 *	1.891 *	1.636 *	2.664 *	2.355 *	1.335	1.216	0.888			
8	1.515 *	1.761 *	1.847 *	1.515 *	2.949 *	2.210 *	1.721	1.216	0.888			
9	1.515 *	1.719 *	1.762 *	1.476 *	2.306 *	2.210 *	1.781	1.216	0.950			
10	1.438 *	1.719 *	1.678 *	1.731 *	2.258 *	1.700	1.492	1.079	0.888			
11	1.438 *	1.677 *	1.596 *	1.515 *	2.163 *	1.711	4.557	1.079	0.829			
12	1.438 *	1.636 *	1.515 *	2.404 *	2.211 *	1.757	2.836	1.079	0.888			
13	1.362 *	1.515 *	1.515 *	2.714 *	2.664 *	1.658	2.210	1.013	0.888			
14	1.362 *	1.681 *	1.596 *	2.355 *	2.870 *	1.882	1.935	1.079	0.950			
15	1.362 *	1.515 *	1.515 *	2.116 *	2.557 *	1.811	1.761	1.086	0.950			
16	1.252 *	1.438 *	1.438 *	2.070 *	2.505 *	2.244	1.677	1.013	0.950			
17	1.216 *	1.400 *	1.400 *	2.070 *	2.355 *	2.230	1.595	0.950	0.888			
18	1.288 *	1.400 *	1.363 *	2.355 *	2.355 *	2.010	1.595	0.950	0.888			
19	1.288 *	1.515 *	1.288 *	2.306 *	2.306 *	1.603	1.595	0.950	0.950			
20	1.216 *	1.515 *	1.483 *	2.211 *	2.116 *	1.751	1.502	0.950	0.950			
21	1.216 *	1.515 *	1.515 *	2.070 *	2.070 *	1.677	1.336	0.950	0.950			
22	1.216 *	1.438 *	1.402 *	3.150 *	2.025 *	1.515	1.277	0.950	0.950			
23	1.113 *	1.438 *	1.254 *	3.376 *	1.980 *	1.552	1.310	0.950	0.950			
24	1.147 *	1.400 *	1.182 *	3.090 *	1.891 *	1.514	1.409	0.950	0.950			
25	1.147 *	1.400 *	1.216 *	2.979 *	1.804 *	1.701	1.481	0.950	0.950			
26	1.079 *	1.476 *	1.289 *	2.817 *	1.719 *	2.084	1.595	0.950	0.950			
27	1.079 *	1.725 *	1.402 *	3.034 *	1.515 *	2.116	1.515	0.950	0.950			
28	1.046 *		1.599 *	2.924 *	1.596 *	1.761	1.288	0.941	0.950			
29	1.046 *		1.911 *	2.870 *	1.762 *	1.686	1.216	0.948	0.950			
30	1.013 *		2.169 *	2.557 *	1.804 *	1.761	1.272	0.888	0.950			
31	0.982 *		2.505 *		1.847 *		1.516	0.950				
Caudal Max.	1.847 *	1.935 *	2.606 *	3.376 *	3.494 *	3.494 *	5.655	1.515	0.950			
Día	vv	27	31	23	8	4	11	3	vv			
Hora		17	17	7	17	17	6	4				
Caudal Mín.	0.950 *	1.362 *	1.147 *	1.438 *	1.515 *	1.438	1.216	0.888	0.829			
Día	31	18	23	9	28	24	30	30	vv			
Hora	17	7	17	17	7	18	18	12				
Caudal Medio	1.354	1.602	1.655	2.289	2.159	1.984	1.663	1.065	0.917			

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



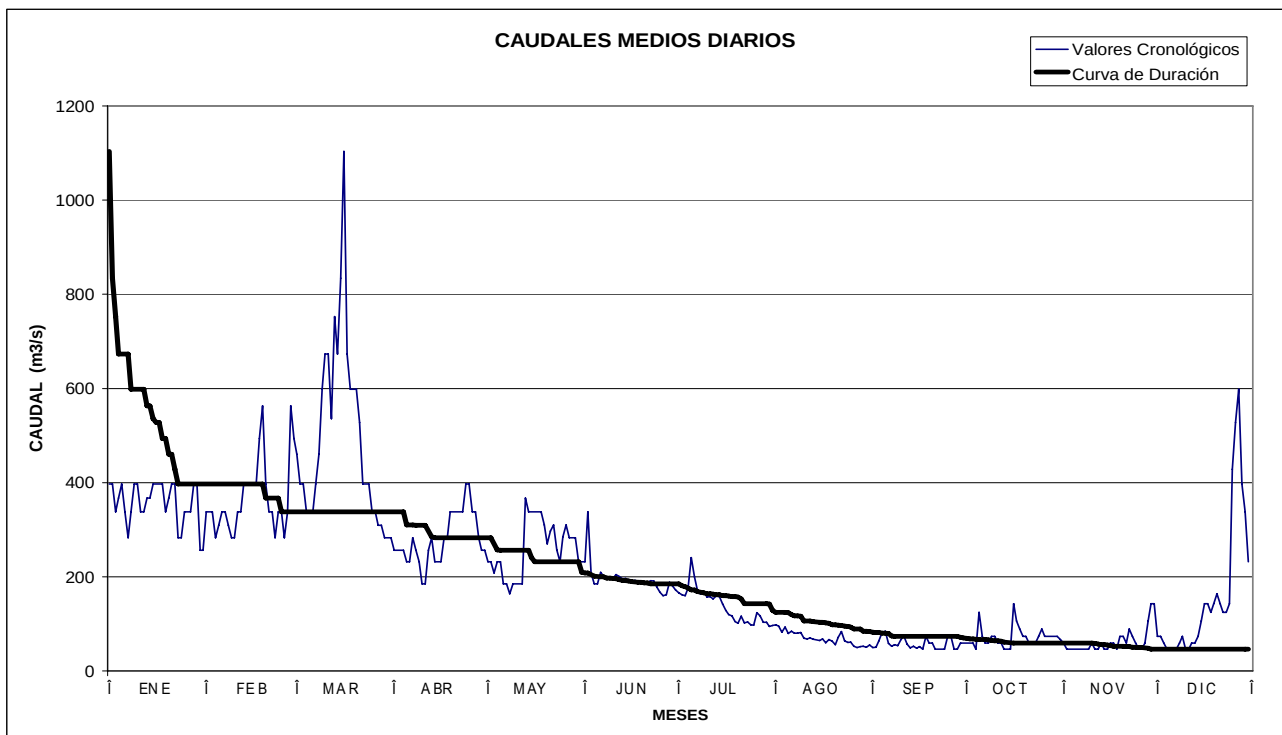
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H138	BLANCO DJ TOACHI(PTE.UNICOOP)											Area Drenaje:2140 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	397.221 *	337.982 *	493.633 *	282.881 *	256.916 *	232.027 *	172.472	96.686	55.257	59.633 *	66.771 *	143.576 *
2	397.221 *	337.982 *	460.503 *	256.916 *	232.027 *	232.027 *	166.090	98.054	49.671	59.633 *	59.633 *	73.909 *
3	337.982 *	337.982 *	397.221 *	256.916 *	232.027 *	337.982 *	162.245	95.583	50.464	59.633 *	46.687 *	73.909 *
4	367.091 *	282.881 *	397.221 *	256.916 *	208.231 *	208.231 *	159.852	82.684	63.941	59.633 *	46.687 *	59.633 *
5	397.221 *	309.908 *	337.982 *	256.916 *	232.027 *	185.544 *	176.745	93.877	81.895	46.687 *	46.687 *	46.687 *
6	337.982 *	337.982 *	337.982 *	232.027 *	232.027 *	185.544 *	240.868	79.965	84.420	124.337 *	46.687 *	46.687 *
7	282.881 *	337.982 *	337.982 *	232.027 *	185.544 *	209.959	200.007	84.744	58.829	73.909 *	46.687 *	46.687 *
8	337.982 *	309.908 *	397.221 *	282.881 *	185.544 *	201.307	172.170	80.808	52.460	59.633 *	46.687 *	46.687 *
9	397.221 *	282.881 *	460.503 *	256.916 *	163.985 *	200.051	163.595	80.299	56.024	59.633 *	46.687 *	59.633 *
10	397.221 *	282.881 *	598.859 *	232.027 *	185.544 *	197.169	168.917	82.116	53.661	73.909 *	46.687 *	73.909 *
11	337.982 *	337.982 *	673.786 *	185.544 *	185.544 *	197.673	157.423	69.549	66.856	73.909 *	59.633 *	46.687 *
12	337.982 *	337.982 *	673.786 *	185.544 *	185.544 *	204.849	157.741	68.007	74.346	59.633 *	46.687 *	46.687 *
13	367.091 *	397.221 *	535.504 *	256.916 *	185.544 *	200.944	153.269	70.828	57.514	59.633 *	46.687 *	59.633 *
14	367.091 *	397.221 *	752.458 *	282.881 *	367.091 *	195.829	159.159	67.352	49.213	46.687 *	59.633 *	59.633 *
15	397.221 *	397.221 *	673.786 *	232.027 *	337.982 *	196.638	158.155	66.118	52.573	46.687 *	46.687 *	73.909 *
16	397.221 *	397.221 *	834.814 *	232.027 *	337.982 *	194.431	142.634	65.079	48.304	46.687 *	46.687 *	106.294 *
17	397.221 *	397.221 *	1103.461 *	232.027 *	337.982 *	188.960	128.910	68.536	51.889	143.576 *	59.633 *	143.576 *
18	397.221 *	493.633 *	673.786 *	282.881 *	337.982 *	192.920	120.239	60.273	46.687 *	106.294 *	59.633 *	143.576 *
19	337.982 *	562.820 *	598.859 *	282.881 *	337.982 *	190.122	117.476	67.011	73.909 *	89.474 *	46.687 *	124.337 *
20	367.091 *	397.221 *	598.859 *	337.982 *	310.432 *	187.636	104.952	63.432	59.633 *	73.909 *	73.909 *	143.576 *
21	397.221 *	337.982 *	598.859 *	337.982 *	269.899 *	189.300	101.466	56.137	59.633 *	73.909 *	73.909 *	163.985 *
22	397.221 *	337.982 *	527.742 *	337.982 *	297.449 *	186.929	116.478	71.698	46.687 *	59.633 *	59.633 *	143.576 *
23	282.881 *	282.881 *	397.221 *	337.982 *	310.432 *	191.590	101.978	83.926	46.687 *	59.633 *	89.474 *	124.337 *
24	282.881 *	337.982 *	397.221 *	337.982 *	257.454 *	191.132	104.303	64.372	46.687 *	59.633 *	73.909 *	124.337 *
25	337.982 *	337.982 *	397.221 *	397.221 *	232.027 *	178.957	98.090	61.046	46.687 *	73.909 *	59.633 *	143.576 *
26	337.982 *	282.881 *	337.982 *	397.221 *	285.005 *	167.871	97.475	61.819	73.909 *	89.474 *	46.687 *	428.362 *
27	337.982 *	337.982 *	337.982 *	337.982 *	310.432 *	159.698	123.846	52.957	73.909 *	73.909 *	46.687 *	527.742 *
28	397.221 *	562.820 *	309.908 *	337.982 *	282.881 *	162.148	116.708	49.838	46.687 *	73.909 *	59.633 *	598.859 *
29	397.221 *		309.908 *	282.881 *	282.881 *	188.809	103.430	52.202	46.687 *	73.909 *	106.294 *	397.221 *
30	256.916 *		282.881 *	256.916 *	282.881 *	181.141	103.473	52.717	59.633 *	73.909 *	143.576 *	337.982 *
31	256.916 *		282.881 *		232.027 *		94.972	50.929		73.909 *		232.027 *
Caudal Max.	397.221 *	562.820 *	1103.461 *	397.221 *	367.090 *	337.982 *	251.852	101.118	91.100	143.575 *	143.575 *	598.859 *
Día	vv	vv	17	vv	14	3	6	3	6	17	30	28
Hora			7		7	7	7	3	1	7	7	7
Caudal Min.	256.916 *	282.881 *	282.881 *	185.544 *	163.985 *	143.575 *	92.739	49.168	45.468	46.687 *	46.687 *	46.687 *
Día	vv	vv	vv	vv	9	19	31	31	2	vv	vv	vv
Hora					18	18	16	13	23			
Caudal Medio	356.018	360.450	500.581	280.642	260.687	197.914	140.166	70.924	57.825	71.254	60.174	156.169

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

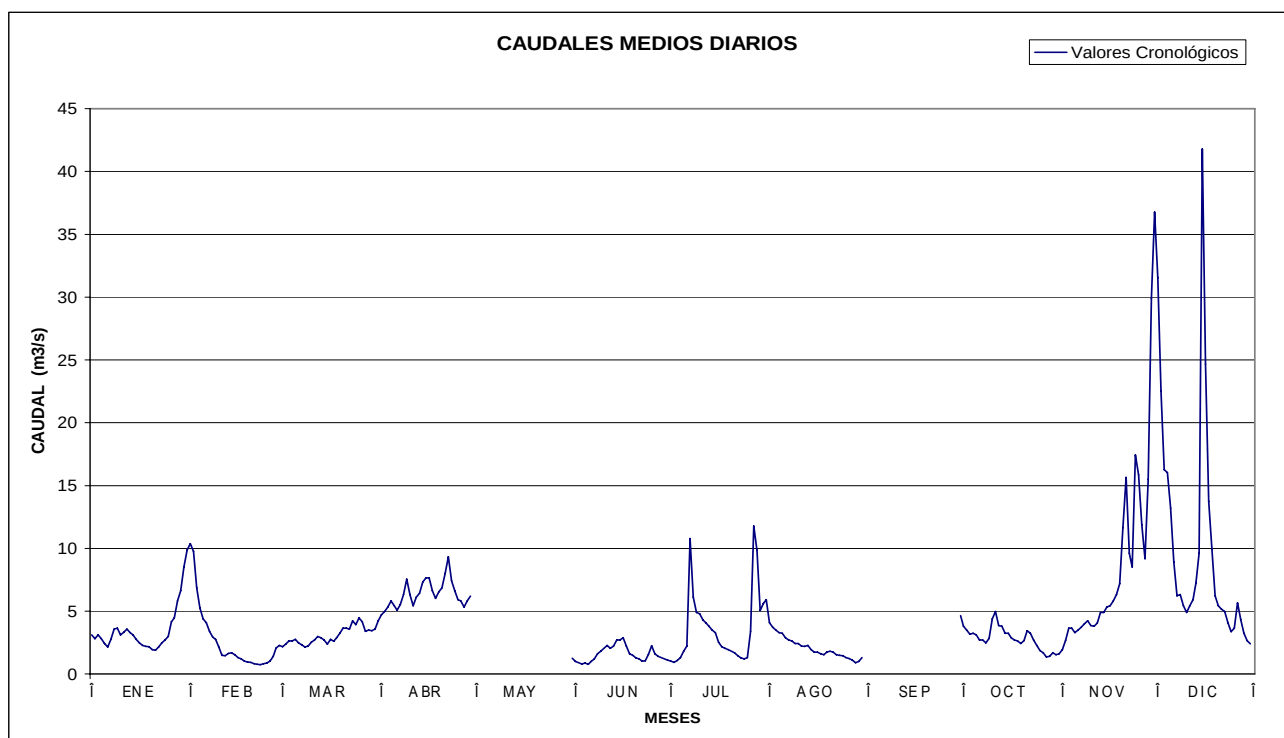


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H143	GRANOLES AJ GUACHALA										Area Drenaje:416 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	3.121 *	10.380 *	2.282 *	4.244 *		1.260 *	1.105 *	5.915 *		4.642 *	1.617 *	36.776 *
2	2.819 *	9.775 *	2.182 *	4.726 *		0.991 *	1.047 *	4.087 *		3.795 *	1.950 *	31.550 *
3	3.121 *	6.856 *	2.383 *	4.985 *		0.911 *	0.936 *	3.720 *		3.512 *	2.683 *	22.508 *
4	2.821 *	5.255 *	2.649 *	5.341 *		0.811 *	1.075 *	3.512 *		3.185 *	3.661 *	16.258 *
5	2.437 *	4.402 *	2.649 *	5.815 *		0.886 *	1.326 *	3.314 *		3.248 *	3.650 *	16.041 *
6	2.135 *	4.087 *	2.762 *	5.434 *		0.788 *	1.825 *	3.248 *		3.125 *	3.312 *	13.211 *
7	2.772 *	3.382 *	2.488 *	5.071 *		0.991 *	2.231 *	2.878 *		2.707 *	3.512 *	8.918 *
8	3.582 *	2.939 *	2.331 *	5.536 *		1.196 *	10.791 *	2.705 *		2.705 *	3.722 *	6.220 *
9	3.654 *	2.766 *	2.135 *	6.320 *		1.617 *	6.113 *	2.649 *		2.488 *	4.011 *	6.317 *
10	3.121 *	2.135 *	2.231 *	7.565 *		1.821 *	4.901 *	2.434 *		2.835 *	4.240 *	5.434 *
11	3.319 *	1.504 *	2.540 *	6.320 *		2.041 *	4.812 *	2.434 *		4.402 *	3.865 *	4.896 *
12	3.582 *	1.466 *	2.707 *	5.434 *		2.282 *	4.320 *	2.231 *		4.985 *	3.792 *	5.438 *
13	3.312 *	1.657 *	2.998 *	6.115 *		2.041 *	4.087 *	2.184 *		3.865 *	4.043 *	5.915 *
14	3.121 *	1.696 *	2.878 *	6.422 *		2.231 *	3.792 *	2.282 *		3.792 *	4.896 *	7.209 *
15	2.762 *	1.543 *	2.705 *	7.306 *		2.707 *	3.512 *	1.950 *		3.251 *	4.901 *	9.606 *
16	2.486 *	1.326 *	2.383 *	7.651 *		2.705 *	3.314 *	1.736 *		3.248 *	5.343 *	41.788 *
17	2.282 *	1.196 *	2.762 *	7.653 *		2.882 *	2.540 *	1.736 *		2.878 *	5.434 *	24.673 *
18	2.184 *	1.047 *	2.594 *	6.639 *		2.234 *	2.182 *	1.617 *		2.705 *	5.815 *	13.744 *
19	2.182 *	0.965 *	2.878 *	6.013 *		1.617 *	2.041 *	1.540 *		2.649 *	6.317 *	9.960 *
20	1.950 *	0.937 *	3.248 *	6.527 *		1.503 *	1.950 *	1.738 *		2.434 *	7.196 *	6.220 *
21	1.906 *	0.835 *	3.654 *	6.867 *		1.292 *	1.821 *	1.821 *		2.669 *	11.646 *	5.434 *
22	2.135 *	0.765 *	3.650 *	8.014 *		1.196 *	1.696 *	1.738 *		3.446 *	15.641 *	5.162 *
23	2.488 *	0.743 *	3.582 *	9.329 *		1.018 *	1.466 *	1.540 *		3.248 *	9.606 *	4.985 *
24	2.705 *	0.813 *	4.240 *	7.418 *		1.050 *	1.292 *	1.503 *		2.707 *	8.516 *	4.087 *
25	3.001 *	0.860 *	3.937 *	6.634 *		1.583 *	1.196 *	1.466 *		2.282 *	17.447 *	3.378 *
26	4.171 *	1.020 *	4.480 *	5.915 *		2.250 *	1.326 *	1.326 *		1.863 *	15.843 *	3.650 *
27	4.480 *	1.410 *	4.163 *	5.815 *		1.617 *	3.385 *	1.227 *		1.699 *	11.883 *	5.669 *
28	5.820 *	2.087 *	3.382 *	5.343 *		1.395 *	11.788 *	1.105 *		1.361 *	9.178 *	4.351 *
29	6.639 *		3.516 *	5.815 *		1.326 *	9.834 *	0.911 *		1.410 *	15.505 *	3.248 *
30	8.522 *		3.446 *	6.215 *		1.196 *	5.062 *	0.990 *		1.699 *	29.886 *	2.669 *
31	9.877 *		3.582 *				5.615 *	1.329 *		1.540 *		2.388 *
Caudal Max.	10.305 *	11.854 *	4.642 *	10.014 *		3.058 *	14.669 *	6.113 *		5.159 *	38.576 *	45.000 *
Día	31	1	26	23		17	28	1		12	30	16
Hora	18	18	18	18		8	18	8		8	18	8
Caudal Mín.	1.906 *	0.699 *	2.087 *	4.011 *		0.788 *	0.936 *	0.885 *		1.164 *	1.578 *	2.182 *
Día	21	23	9	1		4	3	29		29	1	31
Hora	8	8	8	8		8	8	8		8	8	8
Caudal Medio	3.500	2.637	3.013	6.283		1.581	3.496	2.221		2.915	7.637	10.894

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



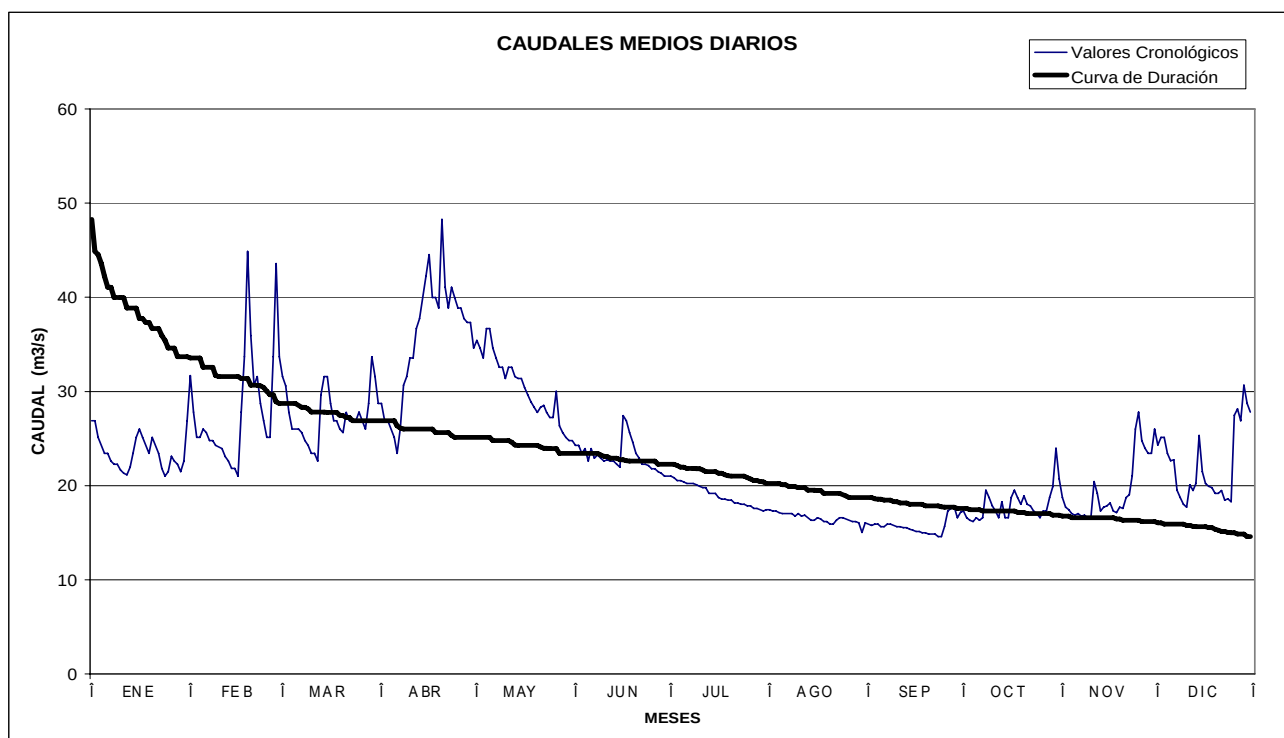
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H150	INTAG DJ PAMPLONA											Area Drenaje:1014 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	26.895 *	31.709 *	33.702 *	28.721 *	34.597 *	24.787 *	21.015 *	17.445 *	16.065 *	17.169 *	20.724 *	26.032 *
2	26.895 *	27.824 *	31.608 *	28.721 *	35.418 *	24.273 *	21.015 *	17.445 *	15.931 *	17.312 *	18.749 *	24.305 *
3	25.136 *	25.136 *	30.612 *	26.895 *	34.597 *	24.273 *	20.859 *	17.304 *	15.796 *	16.609 *	17.730 *	25.136 *
4	24.273 *	25.136 *	27.791 *	26.895 *	33.567 *	23.442 *	20.549 *	17.304 *	15.931 *	16.337 *	17.446 *	25.136 *
5	23.442 *	25.999 *	25.999 *	25.999 *	36.690 *	23.937 *	20.549 *	17.164 *	15.931 *	16.200 *	17.027 *	23.442 *
6	23.442 *	25.650 *	25.999 *	25.136 *	36.690 *	22.611 *	20.394 *	17.025 *	15.663 *	16.609 *	16.887 *	22.644 *
7	22.611 *	24.787 *	25.999 *	23.442 *	34.597 *	23.937 *	20.241 *	17.025 *	15.663 *	16.337 *	17.025 *	22.741 *
8	22.288 *	24.787 *	25.650 *	26.131 *	33.567 *	22.940 *	20.241 *	17.025 *	15.931 *	16.609 *	16.747 *	19.515 *
9	22.288 *	24.273 *	24.787 *	30.679 *	32.571 *	23.273 *	20.241 *	17.025 *	15.931 *	19.515 *	16.887 *	18.749 *
10	21.647 *	24.104 *	24.273 *	31.608 *	32.571 *	22.940 *	20.088 *	16.747 *	15.796 *	18.749 *	16.609 *	18.026 *
11	21.329 *	23.937 *	23.442 *	33.567 *	31.380 *	22.611 *	19.936 *	17.025 *	15.663 *	17.871 *	16.609 *	17.733 *
12	21.172 *	23.106 *	23.442 *	33.567 *	32.571 *	22.775 *	19.785 *	16.747 *	15.663 *	17.312 *	20.457 *	20.093 *
13	21.970 *	22.611 *	22.611 *	36.690 *	32.571 *	22.611 *	19.785 *	16.885 *	15.530 *	16.609 *	19.204 *	19.488 *
14	23.442 *	21.813 *	29.650 *	37.754 *	31.575 *	22.611 *	19.185 *	16.609 *	15.530 *	18.308 *	17.312 *	20.249 *
15	25.136 *	21.813 *	31.608 *	39.984 *	31.380 *	22.288 *	19.185 *	16.337 *	15.399 *	16.609 *	17.730 *	25.332 *
16	26.032 *	21.015 *	31.608 *	42.215 *	31.380 *	21.965 *	19.185 *	16.337 *	15.267 *	16.609 *	17.874 *	21.490 *
17	25.136 *	27.824 *	28.721 *	44.548 *	30.417 *	27.449 *	18.741 *	16.609 *	15.137 *	18.749 *	18.166 *	20.249 *
18	24.273 *	33.702 *	26.895 *	39.984 *	29.650 *	26.895 *	18.594 *	16.473 *	15.137 *	19.515 *	17.312 *	19.939 *
19	23.442 *	44.861 *	26.895 *	39.984 *	28.904 *	25.650 *	18.594 *	16.200 *	15.006 *	18.749 *	17.164 *	19.785 *
20	25.136 *	35.932 *	25.999 *	38.852 *	28.345 *	24.614 *	18.449 *	16.200 *	15.006 *	18.014 *	17.730 *	19.185 *
21	24.273 *	30.679 *	25.650 *	48.259 *	27.791 *	23.442 *	18.449 *	15.931 *	14.877 *	18.893 *	17.589 *	19.185 *
22	23.442 *	31.608 *	27.791 *	41.082 *	28.345 *	22.940 *	18.159 *	15.931 *	14.877 *	18.016 *	18.749 *	19.488 *
23	21.813 *	28.721 *	26.895 *	38.852 *	28.528 *	22.288 *	18.159 *	16.337 *	14.877 *	17.871 *	19.051 *	18.451 *
24	21.015 *	26.895 *	26.895 *	41.082 *	27.791 *	22.288 *	18.014 *	16.609 *	14.619 *	17.312 *	21.047 *	18.595 *
25	21.490 *	25.136 *	26.895 *	39.950 *	27.250 *	22.129 *	18.014 *	16.609 *	14.619 *	17.027 *	26.032 *	18.304 *
26	23.119 *	25.136 *	27.824 *	38.852 *	27.250 *	21.805 *	17.871 *	16.473 *	15.678 *	16.609 *	27.824 *	27.475 *
27	22.611 *	33.702 *	26.895 *	38.852 *	30.031 *	21.805 *	17.871 *	16.336 *	17.312 *	17.312 *	24.800 *	28.179 *
28	22.288 *	43.590 *	25.999 *	37.754 *	26.354 *	21.487 *	17.587 *	16.200 *	17.589 *	17.312 *	23.956 *	26.895 *
29	21.490 *		28.721 *	37.325 *	25.650 *	21.330 *	17.587 *	16.200 *	17.749 *	18.749 *	23.442 *	30.679 *
30	22.611 *		33.702 *	37.325 *	25.136 *	21.015 *	17.445 *	16.065 *	16.609 *	19.888 *	23.442 *	28.721 *
31	26.895 *		31.608 *		24.787 *		17.304 *	15.026 *		23.982 *		27.824 *
Caudal Max.	27.791 *	51.969 *	37.754 *	51.969 *	37.754 *	28.898 *	21.015 *	17.445 *	18.888 *	25.999 *	29.650 *	33.567 *
Día	2	19	1	21	5	17	vv	vv	29	31	26	29
Hora	6	6	6	6	6	6			6	6	6	6
Caudal Min.	21.015 *	21.015 *	22.611 *	22.611 *	24.273 *	21.015 *	17.164 *	13.987 *	14.491 *	16.065 *	16.609 *	17.164 *
Día	24	14	13	7	30	29	31	31	24	4	vv	11
Hora	17	17	17	17	17	17	17	17	17	17		17
Caudal Medio	23.453	27.910	27.618	35.357	30.708	23.214	19.132	16.602	15.693	17.831	19.377	22.357

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



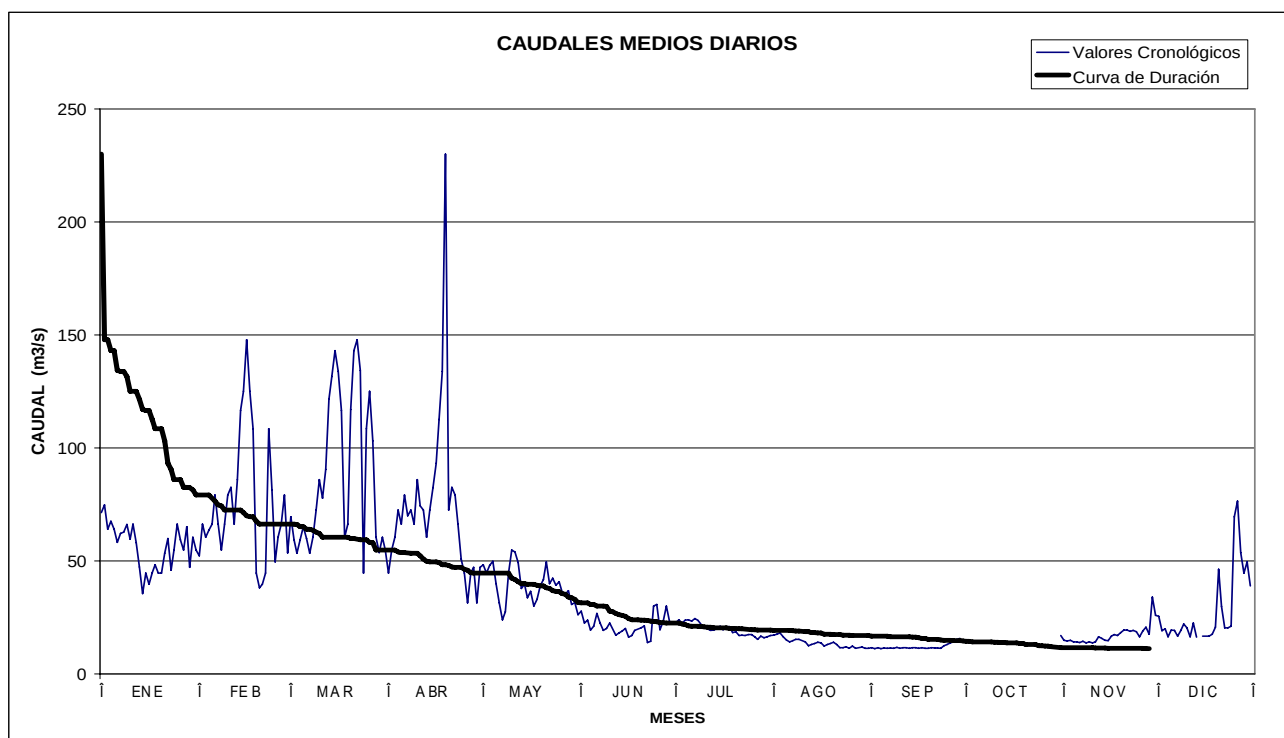
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H156	PILATON AJ TOACHI										Area Drenaje:520 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	71.356 *	52.355 *	53.623 *	54.927 *	47.209 *	26.263 *	22.799 *	16.968 *	11.399 *		17.111 *	25.905 *
2	74.860 *	66.432 *	69.619 *	44.637 *	48.327 *	27.725 *	22.802 *	17.251 *	11.625 *		14.931 *	25.546 *
3	63.996 *	60.526 *	59.357 *	54.927 *	44.637 *	22.634 *	23.980 *	17.682 *	11.286 *		14.689 *	19.154 *
4	67.626 *	63.557 *	53.547 *	60.526 *	48.066 *	23.811 *	22.634 *	18.116 *	11.625 *		14.931 *	20.083 *
5	63.996 *	66.432 *	59.357 *	72.649 *	49.853 *	19.459 *	23.811 *	16.550 *	11.286 *		14.283 *	16.550 *
6	58.213 *	79.180 *	65.202 *	66.432 *	39.937 *	21.187 *	23.980 *	15.100 *	11.511 *		14.156 *	19.459 *
7	62.233 *	66.432 *	59.939 *	79.180 *	31.409 *	26.815 *	23.469 *	14.283 *	11.399 *		13.903 *	19.306 *
8	62.815 *	54.927 *	53.547 *	69.946 *	24.013 *	22.634 *	24.495 *	14.799 *	11.511 *		14.540 *	16.691 *
9	66.094 *	66.432 *	60.526 *	72.649 *	27.571 *	19.306 *	23.660 *	15.326 *	11.399 *		13.777 *	19.306 *
10	59.647 *	79.180 *	72.649 *	66.432 *	44.637 *	20.229 *	21.814 *	15.460 *	11.854 *		14.283 *	22.140 *
11	66.432 *	82.684 *	86.029 *	86.029 *	54.927 *	22.634 *	20.541 *	14.799 *	11.399 *		13.777 *	20.403 *
12	58.099 *	66.432 *	77.823 *	74.459 *	54.085 *	19.786 *	20.072 *	14.283 *	11.740 *		14.283 *	16.550 *
13	47.310 *	86.029 *	90.615 *	72.649 *	49.375 *	17.251 *	19.306 *	12.556 *	11.625 *		16.550 *	22.634 *
14	35.529 *	116.663 *	121.491 *	60.526 *	37.882 *	18.119 *	19.459 *	13.037 *	11.399 *		15.729 *	16.410 *
15	44.637 *	125.147 *	131.699 *	72.649 *	39.676 *	19.004 *	20.226 *	13.527 *	11.625 *		14.931 *	
16	39.703 *	147.962 *	143.126 *	82.525 *	33.812 *	20.226 *	21.171 *	14.028 *	11.625 *		14.802 *	16.688 *
17	44.887 *	125.147 *	133.967 *	93.198 *	36.597 *	16.410 *	19.610 *	13.815 *	11.399 *		16.691 *	16.691 *
18	48.318 *	108.512 *	116.663 *	112.671 *	30.002 *	16.968 *	20.861 *	12.438 *	11.625 *		17.537 *	16.688 *
19	44.637 *	44.637 *	60.526 *	133.967 *	32.988 *	19.306 *	21.023 *	13.037 *	11.399 *		17.111 *	17.713 *
20	44.637 *	38.104 *	66.432 *	230.008 *	39.009 *	19.917 *	18.327 *	13.527 *	11.399 *		18.412 *	20.729 *
21	53.547 *	39.676 *	116.996 *	72.649 *	41.746 *	20.538 *	18.745 *	14.028 *	11.625 *		19.459 *	46.411 *
22	59.939 *	44.637 *	143.126 *	82.684 *	49.632 *	21.331 *	16.968 *	13.159 *	11.512 *		19.459 *	29.999 *
23	45.904 *	108.512 *	147.962 *	79.180 *	39.937 *	13.903 *	17.251 *	11.628 *	11.511 *		18.856 *	20.403 *
24	54.927 *	81.517 *	134.306 *	66.432 *	42.360 *	14.540 *	16.968 *	11.625 *	11.399 *		19.306 *	20.541 *
25	66.432 *	49.632 *	44.637 *	50.899 *	39.221 *	30.002 *	17.537 *	12.085 *	12.556 *		18.706 *	21.171 *
26	59.357 *	60.526 *	108.512 *	44.637 *	40.818 *	30.780 *	17.540 *	11.399 *	13.037 *		16.550 *	69.538 *
27	54.927 *	66.432 *	125.147 *	31.409 *	36.422 *	19.613 *	16.550 *	12.335 *	13.777 *		19.004 *	76.467 *
28	65.202 *	79.180 *	103.077 *	44.637 *	35.283 *	23.313 *	15.352 *	11.399 *	14.283 *		20.729 *	53.820 *
29	47.209 *		60.526 *	47.209 *	36.877 *	30.002 *	16.691 *	11.625 *	15.326 *		17.713 *	44.637 *
30	60.526 *		53.820 *	31.409 *	30.797 *	23.133 *	16.135 *	11.969 *	15.863 *		34.022 *	49.632 *
31	54.927 *		60.526 *		31.581 *		16.550 *	11.399 *			39.009 *	
Caudal Max.	75.184 *	157.463 *	157.463 *	260.380 *	57.650 *	30.977 *	25.017 *	18.262 *	15.998 *		34.646 *	
Día	2	16	23	20	11	26	9	4	31		30	
Hora	18	18	18	18	18	18	18	7	18		18	
Caudal Min.	33.397 *	37.660 *	42.213 *	29.420 *	22.303 *	13.651 *	14.155 *	11.286 *	11.286 *		13.651 *	
Día	14	20	25	30	8	23	28	28	vv		7	
Hora	7	7	7	18	18	7	18	7			7	
Caudal Medio	56.385	75.960	88.206	73.738	39.958	21.561	20.011	13.846	12.034		17.007	28.009

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



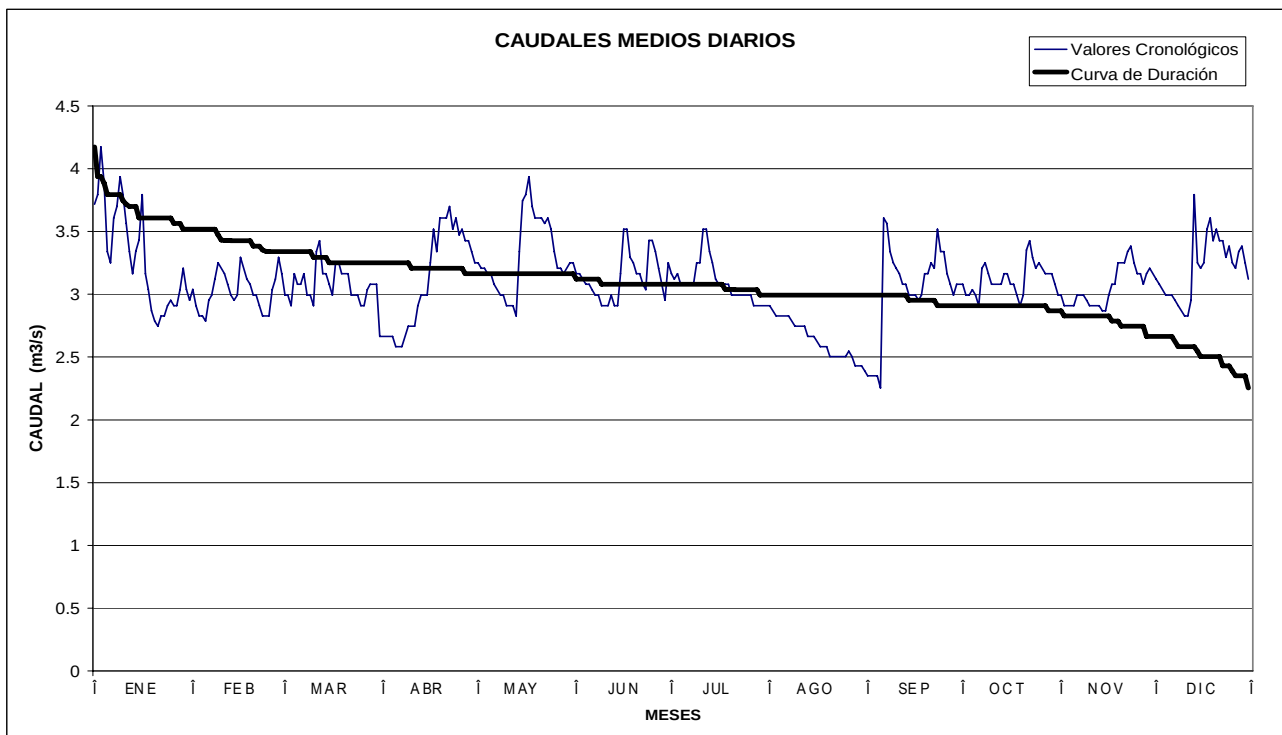
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H158	PITA AJ SALTO											Area Drenaje:214 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	3.718 *	3.038 *	3.165 *	2.665 *	3.252 *	3.252 *	3.252 *	2.911 *	2.390 *	3.079 *	2.994 *	3.165 *
2	3.793 *	2.911 *	2.994 *	2.665 *	3.252 *	3.165 *	3.165 *	2.911 *	2.352 *	3.079 *	2.994 *	3.122 *
3	4.173 *	2.828 *	2.994 *	2.665 *	3.208 *	3.165 *	3.122 *	2.869 *	2.352 *	2.994 *	2.911 *	3.079 *
4	3.887 *	2.828 *	2.911 *	2.665 *	3.208 *	3.122 *	3.165 *	2.828 *	2.352 *	2.994 *	2.911 *	3.037 *
5	3.340 *	2.787 *	3.165 *	2.665 *	3.165 *	3.079 *	3.079 *	2.828 *	2.352 *	3.037 *	2.911 *	2.994 *
6	3.252 *	2.952 *	3.079 *	2.585 *	3.165 *	3.079 *	3.079 *	2.828 *	2.254 *	2.994 *	2.911 *	2.994 *
7	3.609 *	2.994 *	3.079 *	2.585 *	3.079 *	3.037 *	3.079 *	2.828 *	3.609 *	2.911 *	2.994 *	2.994 *
8	3.701 *	3.122 *	3.165 *	2.585 *	3.037 *	2.994 *	3.079 *	2.828 *	3.563 *	3.208 *	2.994 *	2.952 *
9	3.935 *	3.252 *	2.994 *	2.665 *	2.994 *	2.994 *	3.079 *	2.787 *	3.340 *	3.252 *	2.994 *	2.911 *
10	3.793 *	3.208 *	2.994 *	2.746 *	2.994 *	2.911 *	3.252 *	2.746 *	3.252 *	3.165 *	2.952 *	2.869 *
11	3.563 *	3.165 *	2.911 *	2.746 *	2.911 *	2.911 *	3.252 *	2.746 *	3.208 *	3.079 *	2.911 *	2.828 *
12	3.340 *	3.079 *	3.340 *	2.746 *	2.911 *	2.911 *	3.518 *	2.746 *	3.165 *	3.079 *	2.911 *	2.828 *
13	3.165 *	2.994 *	3.428 *	2.911 *	2.911 *	2.994 *	3.518 *	2.746 *	3.079 *	3.079 *	2.911 *	2.952 *
14	3.342 *	2.952 *	3.165 *	2.994 *	2.828 *	2.911 *	3.340 *	2.665 *	3.079 *	3.079 *	2.911 *	3.793 *
15	3.433 *	2.995 *	3.165 *	2.994 *	3.340 *	2.911 *	3.252 *	2.665 *	2.994 *	3.165 *	2.869 *	3.252 *
16	3.795 *	3.296 *	3.079 *	2.994 *	3.747 *	3.165 *	3.122 *	2.665 *	2.994 *	3.165 *	2.869 *	3.208 *
17	3.165 *	3.208 *	2.994 *	3.252 *	3.793 *	3.519 *	3.079 *	2.625 *	2.994 *	3.079 *	2.994 *	3.252 *
18	3.038 *	3.122 *	3.252 *	3.518 *	3.935 *	3.518 *	3.079 *	2.585 *	2.952 *	3.079 *	3.079 *	3.518 *
19	2.870 *	3.079 *	3.252 *	3.340 *	3.700 *	3.296 *	3.079 *	2.585 *	2.994 *	2.994 *	3.079 *	3.609 *
20	2.787 *	2.994 *	3.165 *	3.609 *	3.609 *	3.252 *	3.079 *	2.585 *	3.165 *	2.911 *	3.252 *	3.428 *
21	2.746 *	2.994 *	3.165 *	3.609 *	3.609 *	3.165 *	2.994 *	2.506 *	3.165 *	2.995 *	3.252 *	3.518 *
22	2.828 *	2.911 *	3.165 *	3.609 *	3.609 *	3.165 *	2.994 *	2.506 *	3.252 *	3.352 *	3.252 *	3.428 *
23	2.828 *	2.828 *	2.994 *	3.700 *	3.563 *	3.079 *	2.994 *	2.506 *	3.208 *	3.428 *	3.340 *	3.428 *
24	2.911 *	2.828 *	2.994 *	3.518 *	3.609 *	3.037 *	2.994 *	2.506 *	3.518 *	3.296 *	3.384 *	3.296 *
25	2.953 *	2.828 *	2.994 *	3.609 *	3.518 *	3.430 *	2.994 *	2.506 *	3.340 *	3.208 *	3.252 *	3.384 *
26	2.911 *	3.037 *	2.911 *	3.473 *	3.340 *	3.429 *	2.994 *	2.506 *	3.340 *	3.252 *	3.165 *	3.252 *
27	2.911 *	3.122 *	2.911 *	3.518 *	3.208 *	3.340 *	2.994 *	2.546 *	3.165 *	3.208 *	3.165 *	3.208 *
28	3.037 *	3.296 *	3.037 *	3.428 *	3.208 *	3.208 *	2.911 *	2.506 *	3.079 *	3.165 *	3.079 *	3.340 *
29	3.208 *		3.079 *	3.428 *	3.165 *	3.079 *	2.911 *	2.429 *	2.994 *	3.165 *	3.165 *	3.384 *
30	3.038 *		3.079 *	3.340 *	3.208 *	2.952 *	2.911 *	2.429 *	3.079 *	3.165 *	3.208 *	3.252 *
31	2.952 *		3.079 *		3.252 *		2.911 *	2.429 *		3.079 *		3.122 *
Caudal Max.	4.270 *	3.340 *	3.428 *	3.700 *	4.076 *	3.609 *	3.518 *	2.910 *	3.700 *	3.793 *	3.428 *	3.793 *
Día	1	16	13	23	18	17	vv	2	7	22	24	14
Hora	16	5	5	5	17	16		5	16	16	5	16
Caudal Mín.	2.746 *	2.746 *	2.910 *	2.585 *	2.828 *	2.910 *	2.910 *	2.429 *	1.844 *	2.910 *	2.828 *	2.828 *
Día	19	5	4	vv	14	10	29	vv	6	20	15	vv
Hora	5	16	16		5	5	16		5	16	5	
Caudal Medio	3.291	3.023	3.087	3.094	3.301	3.136	3.106	2.656	3.019	3.121	3.054	3.206

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



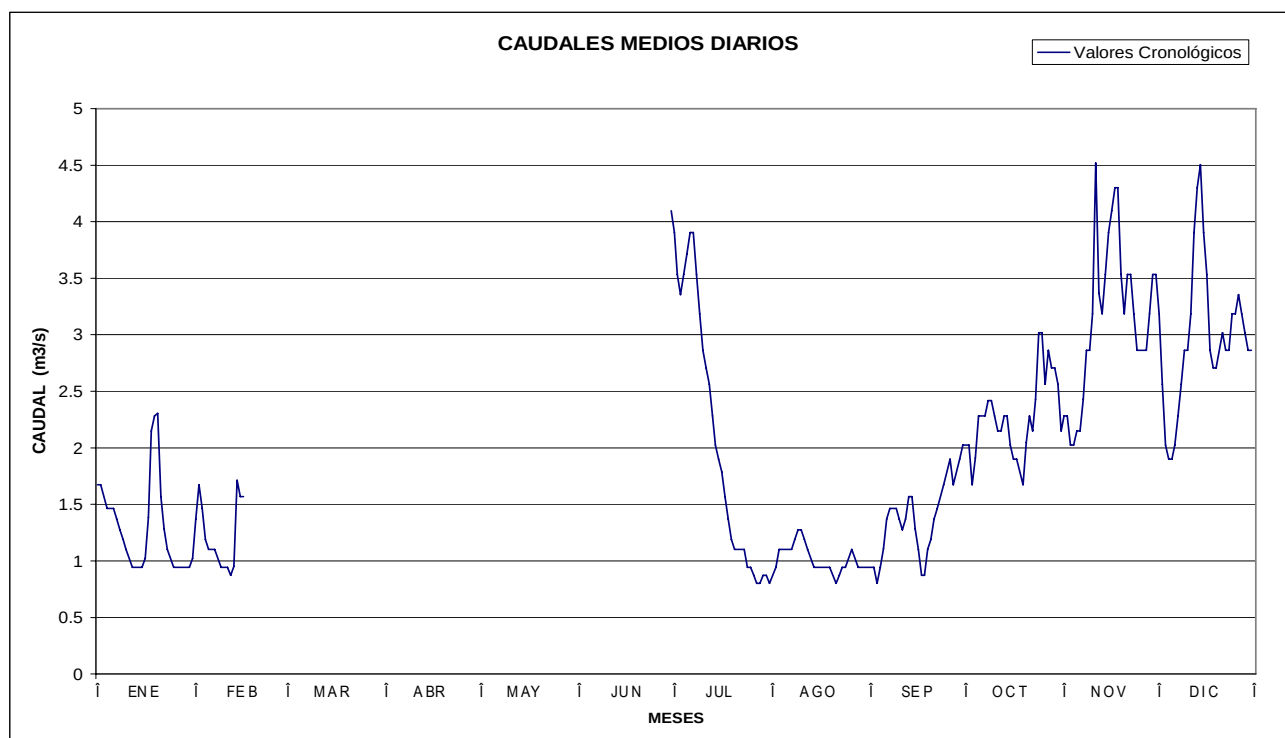
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H159	SAN PEDRO EN MACHACHI											Area Drenaje:363 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.674 *	1.370 *					4.096 *	0.803 *	0.944 *	2.025 *	2.149 *	3.533 *
2	1.674 *	1.674 *					3.904 *	0.873 *	0.944 *	2.025 *	2.283 *	3.186 *
3	1.569 *	1.465 *					3.533 *	0.944 *	0.944 *	2.025 *	2.283 *	2.562 *
4	1.465 *	1.188 *					3.354 *	1.101 *	0.803 *	1.674 *	2.025 *	2.025 *
5	1.465 *	1.101 *					3.533 *	1.101 *	0.944 *	1.912 *	2.025 *	1.902 *
6	1.465 *	1.101 *					3.713 *	1.101 *	1.109 *	2.283 *	2.149 *	1.902 *
7	1.370 *	1.101 *					3.904 *	1.101 *	1.370 *	2.283 *	2.149 *	2.025 *
8	1.274 *	1.022 *					3.904 *	1.101 *	1.465 *	2.283 *	2.428 *	2.283 *
9	1.188 *	0.944 *					3.533 *	1.188 *	1.465 *	2.417 *	2.863 *	2.562 *
10	1.101 *	0.944 *					3.186 *	1.274 *	1.465 *	2.417 *	2.863 *	2.863 *
11	1.022 *	0.944 *					2.863 *	1.274 *	1.370 *	2.283 *	3.186 *	2.863 *
12	0.944 *	0.873 *					2.707 *	1.188 *	1.274 *	2.149 *	4.518 *	3.186 *
13	0.944 *	0.952 *					2.562 *	1.101 *	1.370 *	2.149 *	3.366 *	3.904 *
14	0.944 *	1.712 *					2.283 *	1.022 *	1.569 *	2.283 *	3.186 *	4.301 *
15	0.944 *	1.569 *					2.025 *	0.944 *	1.569 *	2.283 *	3.533 *	4.505 *
16	1.022 *	1.569 *					1.902 *	0.944 *	1.283 *	2.025 *	3.904 *	3.904 *
17	1.387 *						1.788 *	0.944 *	1.101 *	1.902 *	4.096 *	3.533 *
18	2.149 *						1.569 *	0.944 *	0.873 *	1.902 *	4.301 *	2.863 *
19	2.283 *						1.370 *	0.944 *	0.873 *	1.788 *	4.301 *	2.707 *
20	2.304 *						1.188 *	0.944 *	1.101 *	1.674 *	3.533 *	2.707 *
21	1.569 *						1.101 *	0.873 *	1.188 *	2.046 *	3.186 *	2.863 *
22	1.283 *						1.101 *	0.803 *	1.370 *	2.283 *	3.533 *	3.019 *
23	1.101 *						1.101 *	0.873 *	1.465 *	2.149 *	3.533 *	2.863 *
24	1.022 *						1.101 *	0.944 *	1.569 *	2.428 *	3.186 *	2.863 *
25	0.944 *						0.944 *	0.944 *	1.674 *	3.019 *	2.863 *	3.186 *
26	0.944 *						0.944 *	1.022 *	1.788 *	3.019 *	2.863 *	3.186 *
27	0.944 *						0.873 *	1.101 *	1.902 *	2.562 *	2.863 *	3.354 *
28	0.944 *						0.803 *	1.022 *	1.674 *	2.863 *	2.863 *	3.186 *
29	0.944 *						0.803 *	0.944 *	1.788 *	2.707 *	3.186 *	3.019 *
30	0.944 *						0.873 *	0.944 *	1.902 *	2.707 *	3.533 *	2.863 *
31	1.022 *						0.873 *	0.944 *		2.562 *		2.863 *
Caudal Max.	2.707 *						4.096 *	1.274 *	1.902 *	3.019 *	4.940 *	4.505 *
Día	20						1	vv	vv	vv	12	15
Hora	6						6				6	6
Caudal Mín.	0.944 *						0.803 *	0.803 *	0.803 *	1.674 *	1.902 *	1.902 *
Día	vv						vv	vv	4	vv	4	vv
Hora									18		18	
Caudal Medio	1.286						2.175	1.008	1.338	2.262	3.092	2.987

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

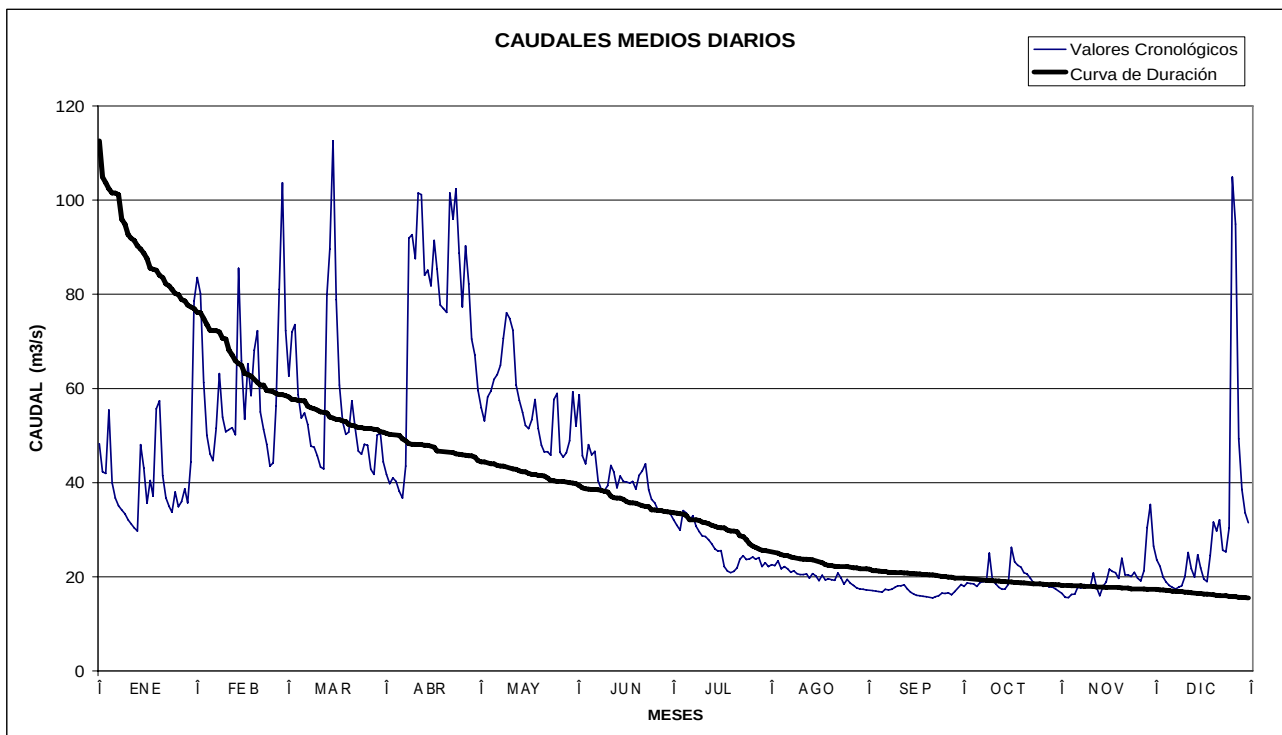


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H161	TOACHI AJ PILATON											Area Drenaje:1435 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	48.260	83.600	72.318	44.462	59.583	52.029	33.344	22.138	17.257 *	18.386 *	16.959 *	26.528 *
2	42.351	80.187	62.625	41.750	55.891	58.688	32.077	22.618	17.157 *	17.966 *	16.470 *	23.573 *
3	41.989	61.248	72.045	39.787	53.158	45.710	30.984	22.360	17.057 *	18.698 *	15.703 *	22.265 *
4	55.450	50.052	73.586	41.035	58.226	44.000	29.937	23.400	16.958 *	18.588 *	15.609 *	19.988 *
5	40.029	46.137	58.677	40.219	59.434	48.086	34.060	21.691	16.859 *	18.485 *	16.275 *	18.906 *
6	36.696	44.685	53.731	38.178	61.933	45.895	33.493	22.171	16.761 *	17.977 *	16.374 *	18.172 *
7	35.110	51.535	54.782	36.716	62.923	46.643	31.936	21.747	17.357 *	18.799 *	17.761 *	17.762 *
8	34.243	63.139	52.338	43.535	64.977	40.389	32.993	20.943	17.257 *	19.013 *	17.660 *	17.457 *
9	33.404	53.889	47.782	91.965	70.630	38.561	30.717	21.304	17.357 *	19.126 *	18.380 *	17.863 *
10	32.086	50.793	47.535	92.733	76.123	38.371	29.586	20.693	17.761 *	25.059 *	18.183 *	18.069 *
11	31.278	51.239	45.718	87.573	74.854	39.401	28.715	20.494	18.069 *	19.231 *	18.069 *	20.094 *
12	30.391	51.654	43.308	101.550	72.347	43.669	28.567	20.516	18.069 *	18.485 *	20.810 *	25.180 *
13	29.767	50.222	42.938	101.182	60.718	42.283	27.911	20.620	18.280 *	17.764 *	17.797 *	21.701 *
14	48.059	85.579	79.965	84.048	57.470	38.939	27.024	19.772	17.459 *	17.360 *	15.988 *	19.983 *
15	43.097	65.909	89.599	85.098	54.938	41.454	25.889	20.704	16.762 *	17.459 *	17.966 *	24.719 *
16	35.638	53.470	112.581	81.825	52.161	40.232	25.481	20.214	16.372 *	18.380 *	18.906 *	21.917 *
17	40.468	65.278	78.871	91.441	51.466	40.111	25.558	19.159	16.083 *	26.251 *	21.643 *	19.556 *
18	37.140	58.496	60.777	85.365	53.368	39.908	22.149	20.334	15.987 *	23.213 *	21.132 *	19.010 *
19	55.712	68.120	52.988	77.710	57.630	40.237	21.213	19.322	15.892 *	22.496 *	20.878 *	24.563 *
20	57.402	72.333	50.238	76.926	51.469	38.632	20.901	19.585	15.797 *	22.026 *	19.674 *	31.654 *
21	41.486	55.037	50.737	76.155	47.975	41.523	21.152	19.390	15.703 *	20.878 *	23.952 *	29.756 *
22	36.847	51.386	57.412	101.529	46.566	42.517	21.962	19.241	15.515 *	20.658 *	20.430 *	32.112 *
23	34.979	48.172	51.709	95.965	46.589	44.016	23.746	20.843	15.797 *	19.769 *	20.427 *	25.707 *
24	33.702	43.505	46.713	102.364	45.858	38.516	24.500	19.740	15.987 *	18.698 *	20.094 *	25.318 *
25	38.037	44.211	46.056	88.726	57.638	36.460	23.688	18.468	16.572 *	18.485 *	20.993 *	30.462 *
26	34.910	56.214	48.201	77.310	58.943	35.760	23.810	19.465	16.470 *	18.810 *	19.779 *	104.923 *
27	35.984	81.008	47.976	90.256	46.466	34.224	24.199	18.689	16.667 *	17.966 *	19.117 *	94.934 *
28	38.710	103.691	42.839	82.235	45.453	34.053	23.766	18.172	16.178 *	18.277 *	21.328 *	49.262 *
29	35.731		41.750	70.505	46.413	33.814	24.097	17.660 *	16.859 *	17.865 *	30.484 *	38.542 *
30	44.393		50.180	67.101	48.911	33.878	22.141	17.457 *	17.660 *	17.865 *	35.357 *	33.579 *
31	78.592		50.517		59.324		23.004	17.357 *		17.459 *		31.478 *
Caudal Max.	169.668	138.484	166.284	173.959	109.903	92.728	40.195	23.572	18.798 *	30.462 *	40.538 *	120.560 *
Día	31	26	16	12	10	1	5	4	13	10	30	26
Hora	19	21	6	19	20	21	4	16	7	7	7	7
Caudal Min.	29.050	42.633	40.195	35.905	41.927	32.214	20.760	17.357 *	15.422 *	16.958 *	15.609 *	17.357 *
Día	14	25	29	7	30	30	20	31	22	14	4	8
Hora	8	18	11	17	15	19	12	7	18	18	7	18
Caudal Medio	40.708	60.385	57.629	74.508	56.756	41.267	26.729	20.202	16.798	19.403	19.806	29.840

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



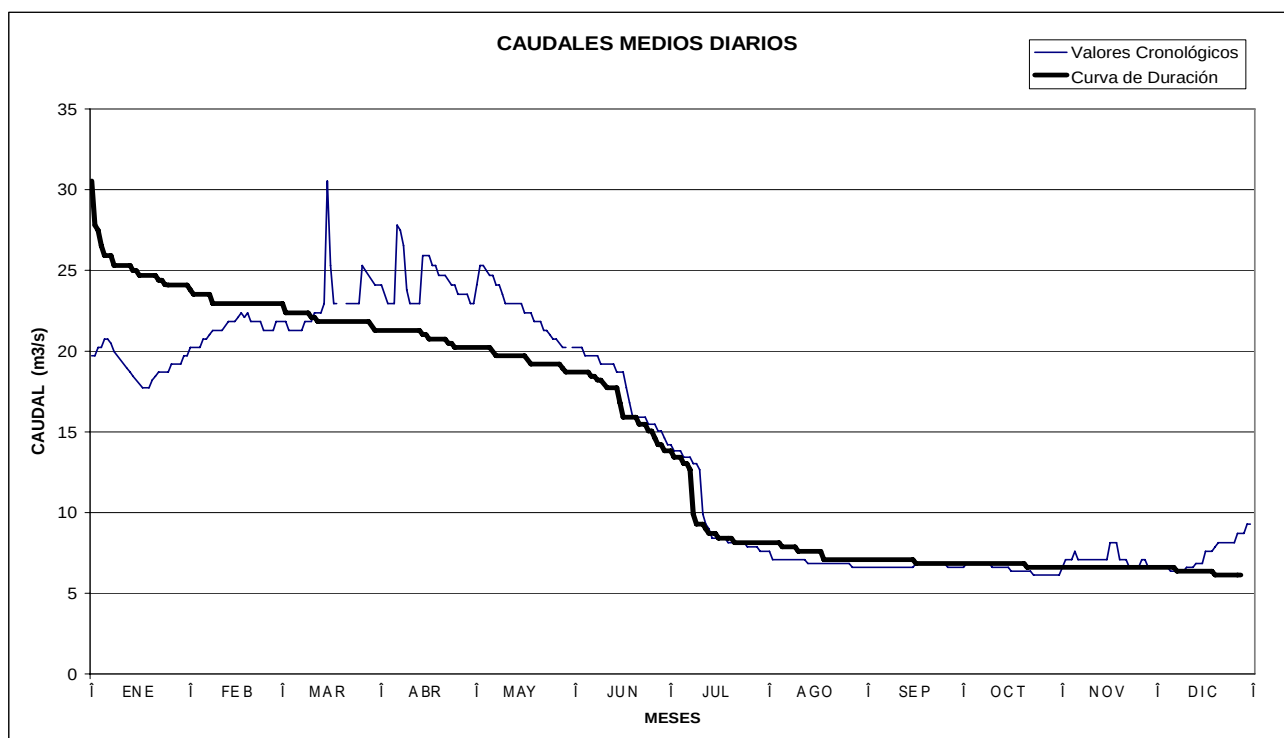
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H166	TOACHI EN LAS PAMPAS											Area Drenaje:1051 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	19.707 *	20.222 *	21.826 *	24.100 *	22.943 *	20.222 *	14.219 *	7.604 *	6.608 *	6.608 *	6.146 *	6.608 *
2	19.707 *	20.222 *	21.826 *	24.100 *	24.120 *	20.222 *	14.219 *	7.604 *	6.608 *	6.608 *	6.608 *	6.608 *
3	20.222 *	20.222 *	21.826 *	23.517 *	25.297 *	20.222 *	13.817 *	7.094 *	6.608 *	6.848 *	7.094 *	6.608 *
4	20.222 *	20.222 *	21.282 *	22.943 *	25.297 *	20.222 *	13.817 *	7.094 *	6.608 *	6.848 *	7.094 *	6.608 *
5	20.747 *	20.747 *	21.282 *	22.943 *	24.996 *	19.707 *	13.817 *	7.094 *	6.608 *	6.848 *	7.094 *	6.608 *
6	20.747 *	20.747 *	21.282 *	22.943 *	24.694 *	19.707 *	13.423 *	7.094 *	6.608 *	6.848 *	7.604 *	6.374 *
7	20.485 *	21.014 *	21.282 *	27.817 *	24.694 *	19.707 *	13.423 *	7.094 *	6.608 *	6.848 *	7.094 *	6.374 *
8	19.964 *	21.282 *	21.282 *	27.494 *	24.100 *	19.707 *	13.423 *	7.094 *	6.608 *	6.848 *	7.094 *	6.374 *
9	19.707 *	21.282 *	21.826 *	26.541 *	24.100 *	19.707 *	13.037 *	7.094 *	6.608 *	6.848 *	7.094 *	6.374 *
10	19.454 *	21.282 *	21.826 *	23.808 *	23.522 *	19.201 *	13.037 *	7.094 *	6.608 *	6.848 *	7.094 *	6.374 *
11	19.201 *	21.282 *	21.826 *	22.943 *	22.943 *	19.201 *	12.659 *	7.094 *	6.608 *	6.608 *	7.094 *	6.608 *
12	18.952 *	21.554 *	22.379 *	22.943 *	22.943 *	19.201 *	9.906 *	7.094 *	6.608 *	6.608 *	7.094 *	6.608 *
13	18.704 *	21.826 *	22.379 *	22.943 *	22.943 *	19.201 *	9.290 *	7.094 *	6.608 *	6.608 *	7.094 *	6.608 *
14	18.460 *	21.826 *	22.379 *	22.943 *	22.943 *	19.201 *	8.993 *	6.848 *	6.608 *	6.608 *	7.094 *	6.848 *
15	18.216 *	21.826 *	22.943 *	25.912 *	22.943 *	18.704 *	8.418 *	6.848 *	6.608 *	6.608 *	7.094 *	6.848 *
16	17.976 *	22.103 *	30.530 *	25.912 *	22.943 *	18.704 *	8.418 *	6.848 *	6.608 *	6.608 *	7.094 *	6.848 *
17	17.737 *	22.379 *	25.303 *	25.912 *	22.379 *	18.704 *	8.418 *	6.848 *	6.848 *	6.374 *	8.140 *	7.604 *
18	17.737 *	22.103 *	22.943 *	25.297 *	22.379 *	17.737 *	8.418 *	6.848 *	6.848 *	6.374 *	8.140 *	7.604 *
19	17.737 *	22.379 *	22.943 *	25.297 *	22.379 *	16.806 *	8.418 *	6.848 *	6.848 *	6.374 *	8.140 *	7.604 *
20	18.216 *	21.826 *		24.694 *	21.826 *	15.910 *	8.140 *	6.848 *	6.848 *	6.374 *	7.094 *	7.872 *
21	18.460 *	21.826 *		24.694 *	21.826 *	15.910 *	8.140 *	6.848 *	6.848 *	6.374 *	7.094 *	8.140 *
22	18.704 *	21.826 *	22.943 *	24.694 *	21.826 *	15.910 *	8.140 *	6.848 *	6.848 *	6.374 *	7.094 *	8.140 *
23	18.704 *	21.826 *	22.943 *	24.397 *	21.282 *	15.910 *	8.140 *	6.848 *	6.848 *	6.374 *	6.608 *	8.140 *
24	18.704 *	21.282 *	22.943 *	24.100 *	21.282 *	15.910 *	8.140 *	6.848 *	6.848 *	6.146 *	6.608 *	8.140 *
25	18.704 *	21.282 *	22.943 *	24.100 *	21.014 *	15.474 *	8.140 *	6.848 *	6.848 *	6.146 *	6.608 *	8.140 *
26	19.201 *	21.282 *	22.943 *	23.517 *	20.747 *	15.474 *	7.869 *	6.848 *	6.848 *	6.146 *	6.608 *	8.140 *
27	19.201 *	21.282 *	25.297 *	23.517 *	20.747 *	15.474 *	7.869 *	6.848 *	6.608 *	6.146 *	7.094 *	8.702 *
28	19.201 *	21.826 *	24.996 *	23.517 *	20.485 *	15.048 *	7.869 *	6.608 *	6.608 *	6.146 *	7.094 *	8.702 *
29	19.201 *		24.694 *	23.517 *	20.222 *	15.048 *	7.869 *	6.608 *	6.608 *	6.146 *	6.608 *	8.702 *
30	19.707 *		24.397 *	22.943 *	20.222 *	14.629 *	7.604 *	6.608 *	6.608 *	6.146 *	6.608 *	9.290 *
31	19.707 *		24.100 *				7.604 *	6.608 *		6.146 *		9.290 *
Caudal Max.	20.747 *	22.379 *		27.817 *		20.222 *	14.219 *	7.604 *	6.848 *	6.848 *	8.140 *	9.290 *
Día	vv	vv		7		vv	vv	vv	vv	vv	vv	vv
Hora				16								
Caudal Min.	17.737 *	20.222 *		22.943 *		14.629 *	7.604 *	6.608 *	6.608 *	6.146 *	6.146 *	6.374 *
Día	vv	vv		vv		30	vv	vv	vv	vv	1	vv
Hora						16					16	
Caudal Medio	19.141	21.385	23.012	24.333	22.668	17.892	10.151	6.953	6.688	6.498	7.070	7.403

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



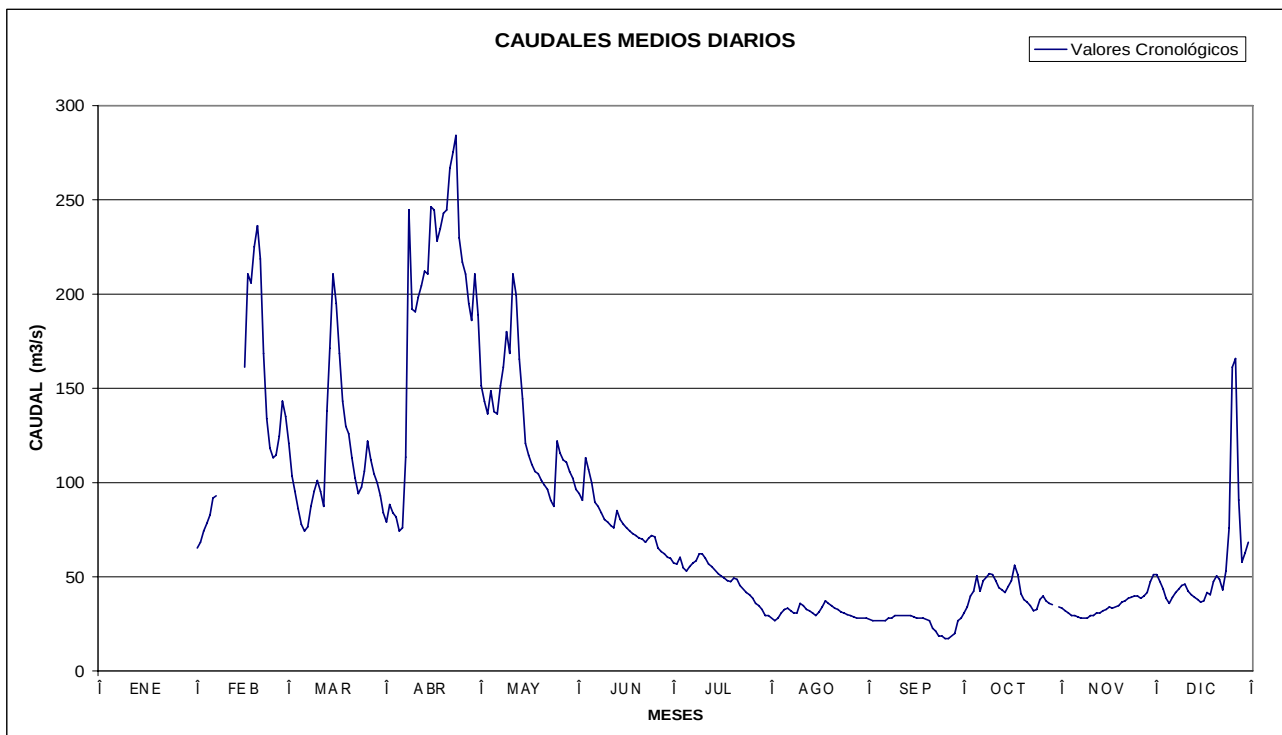
CAUDALES MEDIOS DIARIOS (m³/s)

2003

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		65.221 *	135.077 *	83.967 *	189.041 *	96.434 *	59.755 *	29.413 *	28.087 *	28.084 *	34.001 *	51.134 *
2		68.232 *	120.850 *	78.971 *	151.351 *	94.116 *	57.308 *	28.087 *	27.421 *	30.728 *	33.351 *	51.136 *
3		74.217 *	103.517 *	88.426 *	143.115 *	90.678 *	56.693 *	26.755 *	26.755 *	33.995 *	32.044 *	47.391 *
4		78.379 *	95.280 *	83.956 *	136.398 *	113.260 *	60.362 *	28.087 *	26.755 *	39.802 *	30.732 *	43.616 *
5		82.858 *	86.185 *	81.760 *	148.589 *	107.139 *	54.848 *	30.728 *	26.755 *	42.349 *	29.413 *	38.522 *
6		91.820 *	77.786 *	74.396 *	137.739 *	99.959 *	52.995 *	32.697 *	26.755 *	50.510 *	29.413 *	35.947 *
7		92.973 *	74.221 *	76.000 *	136.418 *	89.546 *	55.464 *	33.351 *	26.755 *	42.349 *	28.750 *	39.162 *
8			76.600 *	113.574 *	151.351 *	87.294 *	57.308 *	32.044 *	28.087 *	48.018 *	28.087 *	41.713 *
9			87.317 *	244.837 *	161.222 *	83.956 *	58.533 *	30.732 *	28.087 *	49.890 *	28.087 *	43.616 *
10			95.269 *	192.042 *	180.036 *	80.365 *	62.190 *	30.732 *	29.413 *	51.756 *	28.087 *	45.508 *
11			101.134 *	190.574 *	168.561 *	78.971 *	62.191 *	35.947 *	29.413 *	51.134 *	29.413 *	46.136 *
12			95.280 *	198.231 *	210.608 *	77.194 *	59.754 *	34.651 *	29.413 *	48.018 *	29.413 *	42.349 *
13			87.294 *	204.346 *	199.691 *	76.006 *	56.693 *	32.697 *	29.413 *	44.247 *	30.732 *	40.440 *
14			137.890 *	212.178 *	165.597 *	85.065 *	55.464 *	32.044 *	29.413 *	42.982 *	30.732 *	39.162 *
15			171.372 *	210.608 *	144.476 *	80.365 *	53.614 *	30.732 *	29.413 *	41.713 *	32.044 *	37.879 *
16		161.222 *	210.608 *	246.365 *	120.808 *	77.787 *	51.756 *	29.413 *	28.750 *	44.877 *	32.697 *	36.592 *
17		210.608 *	195.091 *	244.661 *	114.499 *	76.006 *	50.514 *	31.388 *	28.087 *	48.018 *	34.001 *	37.234 *
18		205.916 *	168.561 *	228.196 *	109.564 *	74.222 *	49.268 *	34.001 *	28.087 *	56.078 *	33.351 *	41.713 *
19		224.975 *	143.124 *	234.729 *	105.921 *	73.029 *	48.018 *	37.237 *	28.087 *	51.129 *	34.001 *	40.440 *
20		236.380 *	129.812 *	243.001 *	104.713 *	71.834 *	47.393 *	35.947 *	27.421 *	41.076 *	34.651 *	47.391 *
21		218.549 *	125.910 *	244.661 *	101.134 *	70.637 *	49.268 *	34.651 *	26.755 *	37.879 *	36.592 *	50.510 *
22		168.561 *	113.281 *	266.728 *	98.773 *	70.038 *	48.642 *	33.351 *	22.710 *	36.592 *	37.237 *	48.642 *
23		133.947 *	102.320 *	275.402 *	96.434 *	68.235 *	45.508 *	32.697 *	21.344 *	34.651 *	38.522 *	42.982 *
24		118.258 *	94.138 *	284.195 *	90.678 *	70.637 *	43.614 *	31.388 *	18.582 *	32.044 *	39.162 *	52.995 *
25		113.260 *	97.609 *	229.829 *	87.294 *	71.834 *	41.713 *	30.732 *	18.582 *	32.692 *	39.802 *	76.000 *
26		114.509 *	105.942 *	216.943 *	122.068 *	71.234 *	40.440 *	30.072 *	17.184 *	37.879 *	39.802 *	161.222 *
27		124.629 *	122.068 *	210.608 *	115.748 *	65.221 *	38.522 *	29.413 *	17.184 *	39.800 *	38.522 *	165.790 *
28		143.124 *	112.031 *	195.091 *	112.021 *	63.405 *	35.947 *	28.750 *	18.582 *	37.237 *	39.800 *	90.766 *
29			104.713 *	186.002 *	110.792 *	62.191 *	34.651 *	28.087 *	19.963 *	35.947 *	41.713 *	57.903 *
30			99.959 *	210.608 *	105.921 *	60.365 *	32.697 *	28.087 *	26.755 *	35.299 *	47.391 *	62.796 *
31			92.973 *		102.320 *		29.413 *	28.087 *				68.235 *
Caudal Max.			213.757 *	287.731 *	213.757 *	114.499 *	63.405 *	37.237 *	29.413 *		48.644 *	183.000 *
Día			16	24	12	4	10	19	vv		30	27
Hora			7	18	7		18	7			18	7
Caudal Min.			73.029 *	67.032 *	86.174 *	59.755 *	29.413 *	26.755 *	17.184 *		28.087 *	35.947 *
Día			7	6	25	30	31	3	vv		vv	16
Hora			18	18	18	18	18	18				18
Caudal Medio		136.382	114.942	188.363	132.996	79.567	50.017	31.355	25.667	41.559	34.051	55.643

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

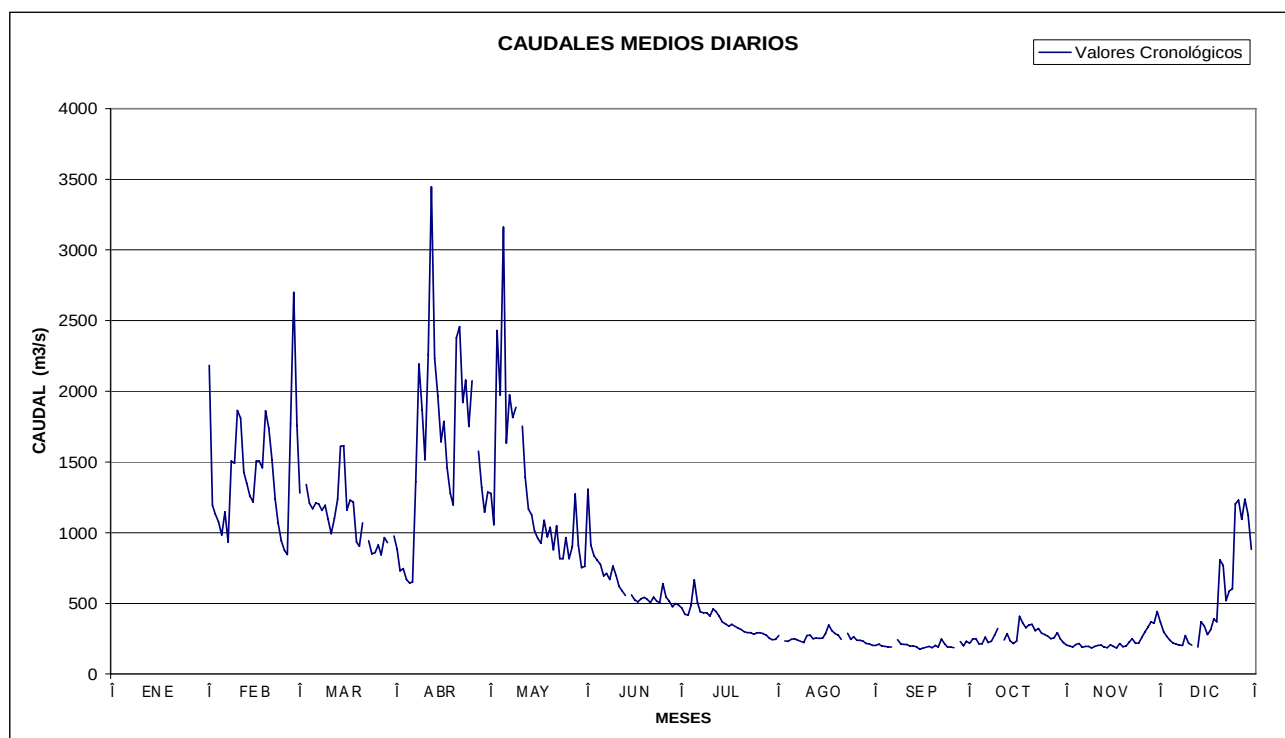


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H168	ESMERALDAS DJ SADE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		2182.878 *	1757.922 *	976.466 *	1287.802 *	761.661 *	486.842 *	246.238 *	203.411 *	233.145 *	222.794 *	442.930 *
2		1193.713 *	1280.271 *	881.665 *	1278.007 *	1307.470 *	466.519 *	271.128 *	202.483 *	217.866 *	205.363 *	366.507 *
3		1132.233 *		729.899 *	1055.430 *	911.535 *	422.254 *		212.024 *	247.987 *	197.803 *	300.206 *
4		1077.477 *	1340.104 *	745.050 *	2430.215 *	837.247 *	418.287 *	235.903 *	196.861 *	250.419 *	190.398 *	265.521 *
5		985.000 *	1207.638 *	668.663 *	1973.087 *	803.394 *	486.842 *	232.858 *	194.064 *	214.940 *	208.285 *	239.996 *
6		1146.276 *	1169.601 *	644.321 *	3162.226 *	776.508 *	666.506 *	246.294 *	192.249 *	214.122 *	215.978 *	220.870 *
7		934.291 *	1209.996 *	651.235 *	1633.209 *	695.302 *	505.010 *	250.437 *	191.307 *	261.304 *	189.493 *	211.064 *
8		1506.723 *	1203.218 *	1359.884 *	1976.681 *	711.509 *	440.384 *	241.025 *		222.803 *	195.279 *	205.308 *
9		1490.547 *	1158.791 *	2193.129 *	1815.122 *	668.663 *	434.747 *	231.815 *	244.250 *	233.162 *	195.060 *	202.580 *
10		1864.175 *	1194.210 *	1867.259 *	1888.172 *	764.087 *	434.860 *	222.794 *	214.940 *	275.512 *	184.972 *	272.263 *
11		1810.801 *	1096.356 *	1517.112 *		695.706 *	409.916 *	273.579 *	208.175 *	322.638 *	195.101 *	217.880 *
12		1427.270 *	993.696 *	2259.359 *	1753.863 *	620.503 *	460.579 *	275.335 *	208.170 *		201.716 *	204.358 *
13		1350.314 *	1100.253 *	3447.110 *	1390.096 *	588.763 *	443.232 *	250.437 *	196.843 *	241.034 *	204.399 *	
14		1260.740 *	1238.752 *	2233.310 *	1167.278 *	556.291 *	408.537 *	254.821 *	198.726 *	285.988 *	191.321 *	191.307 *
15		1217.019 *	1609.967 *	1968.265 *	1126.034 *		367.454 *	252.532 *	193.140 *	235.889 *	187.696 *	371.420 *
16		1506.723 *	1615.858 *	1643.203 *	1013.180 *	559.547 *	354.706 *	254.654 *	176.972 *	214.986 *	207.352 *	341.365 *
17		1506.723 *	1161.355 *	1787.944 *	961.505 *	523.286 *	338.482 *	287.717 *	182.270 *	235.903 *	195.005 *	278.728 *
18		1458.685 *	1230.688 *	1459.801 *	925.849 *	511.786 *	351.062 *	347.952 *	188.656 *	409.611 *	184.944 *	314.370 *
19		1862.195 *	1216.910 *	1278.086 *	1086.539 *	532.624 *	337.286 *	306.032 *	194.155 *	361.143 *	215.905 *	391.043 *
20		1740.893 *	934.193 *	1195.540 *	970.220 *	542.186 *	325.053 *	286.499 *	187.673 *	326.268 *	193.140 *	370.600 *
21		1514.749 *	905.085 *	2379.286 *	1037.291 *	529.493 *	316.664 *	276.429 *	202.483 *	346.644 *	198.726 *	808.224 *
22		1236.845 *	1068.444 *	2457.797 *	878.984 *	506.440 *	300.216 *	246.220 *	190.480 *	351.540 *	228.155 *	769.075 *
23		1068.683 *		1921.503 *	1048.476 *	543.593 *	293.297 *		247.877 *	307.209 *	249.496 *	519.176 *
24		942.810 *	942.577 *	2080.187 *	816.927 *	515.607 *	292.194 *	288.765 *	213.016 *	321.531 *	217.866 *	586.533 *
25		874.501 *	849.530 *	1752.116 *	817.164 *	506.440 *	280.845 *	246.294 *	192.249 *	288.765 *	218.523 *	603.908 *
26		844.466 *	860.537 *	2075.233 *	965.901 *	639.129 *	289.891 *	263.533 *	191.321 *	278.728 *	259.437 *	1203.509 *
27		1769.178 *	913.347 *		817.164 *	545.475 *	294.446 *	237.975 *	187.655 *	267.750 *	295.111 *	1229.358 *
28		2700.909 *	842.543 *	1577.696 *	899.056 *	515.778 *	287.676 *	240.157 *		249.394 *	331.437 *	1093.469 *
29			965.853 *	1317.699 *	1274.155 *	477.965 *	274.177 *	230.805 *	229.202 *	255.859 *	370.201 *	1236.550 *
30			930.177 *	1144.051 *	909.277 *	498.836 *	253.593 *	215.905 *	199.700 *	292.157 *	358.644 *	1125.524 *
31					752.039 *		244.134 *	213.976 *		250.437 *		880.572 *
Caudal Max.		2944.021 *					755.760 *				460.409 *	
Día		28					6				28	
Hora		7					17				17	
Caudal Mín.		844.466 *					244.134 *				180.469 *	
Día		26					31				10	
Hora		7					7				7	
Caudal Medio		1414.529	1142.781	1593.547	1303.698	642.994	376.958	256.142	201.441	273.824	223.653	515.474

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

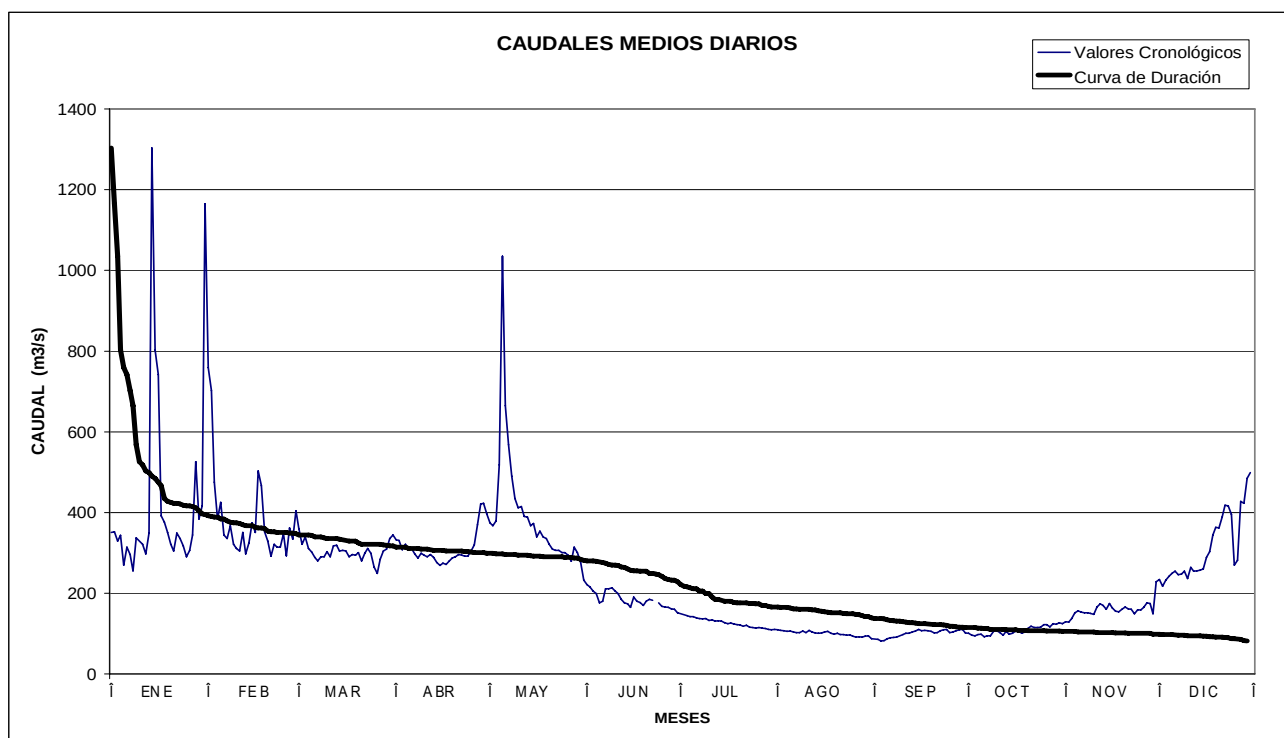


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H170	GUAYLLABAMBA AJ BLANCO											Area Drenaje:8506 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	351.033 *	759.534 *	405.153 *	344.735 *	396.833 *	232.531 *	151.759 *	110.743 *	87.760 *	102.193 *	125.091 *	228.473 *
2	352.564 *	702.579 *	360.268 *	332.477 *	374.453 *	221.685 *	149.377 *	109.661 *	86.754 *	101.137 *	129.613 *	233.953 *
3	329.402 *	475.503 *	321.901 *	330.898 *	368.114 *	216.331 *	147.006 *	108.585 *	85.755 *	95.923 *	128.473 *	217.663 *
4	343.182 *	384.087 *	340.089 *	308.279 *	379.227 *	205.738 *	144.658 *	107.510 *	81.789 *	94.889 *	137.678 *	232.606 *
5	270.312 *	425.186 *	311.455 *	321.794 *	518.272 *	199.208 *	142.311 *	105.372 *	82.781 *	97.999 *	151.795 *	242.174 *
6	314.289 *	344.735 *	302.341 *	309.775 *	1035.509 *	176.258 *	142.299 *	106.441 *	87.760 *	99.048 *	156.560 *	249.106 *
7	296.431 *	335.483 *	289.159 *	311.293 *	665.074 *	179.996 *	138.800 *	104.310 *	89.779 *	92.841 *	153.007 *	254.691 *
8	256.122 *	368.114 *	280.362 *	297.899 *	568.031 *	211.014 *	137.641 *	103.248 *	90.800 *	94.889 *	151.771 *	246.307 *
9	337.451 *	321.901 *	290.548 *	287.625 *	490.379 *	211.014 *	136.483 *	103.248 *	91.813 *	94.896 *	151.759 *	247.694 *
10	329.402 *	311.266 *	290.604 *	299.372 *	434.487 *	213.662 *	137.641 *	106.441 *	94.889 *	105.399 *	150.589 *	254.729 *
11	321.901 *	305.301 *	303.819 *	294.949 *	411.446 *	205.738 *	133.032 *	103.248 *	97.999 *	107.536 *	148.188 *	236.733 *
12	297.913 *	350.990 *	290.641 *	290.548 *	414.787 *	199.208 *	134.179 *	108.585 *	101.137 *	103.255 *	166.313 *	264.579 *
13	349.420 *	297.913 *	317.356 *	296.422 *	390.394 *	185.058 *	130.746 *	104.310 *	101.137 *	95.923 *	173.727 *	254.691 *
14	1303.470 *	324.928 *	318.776 *	289.084 *	388.786 *	176.258 *	131.886 *	102.193 *	104.310 *	105.433 *	170.000 *	256.093 *
15	802.391 *	374.453 *	305.301 *	276.027 *	368.114 *	173.738 *	130.746 *	101.137 *	106.441 *	99.048 *	160.196 *	257.505 *
16	741.592 *	350.990 *	306.788 *	268.857 *	372.879 *	165.078 *	127.339 *	102.193 *	110.743 *	101.137 *	175.023 *	260.328 *
17	392.022 *	502.803 *	305.310 *	274.591 *	340.089 *	190.163 *	125.091 *	104.310 *	107.516 *	106.441 *	163.883 *	289.126 *
18	376.049 *	466.777 *	290.548 *	271.715 *	354.014 *	179.996 *	126.212 *	105.372 *	108.585 *	106.454 *	155.360 *	303.819 *
19	350.990 *	352.495 *	296.422 *	280.362 *	340.089 *	177.476 *	123.963 *	101.137 *	107.510 *	101.165 *	154.224 *	344.735 *
20	321.901 *	329.402 *	295.022 *	287.625 *	335.491 *	170.000 *	122.849 *	99.048 *	105.399 *	104.324 *	160.283 *	363.396 *
21	305.301 *	292.012 *	300.923 *	290.548 *	321.794 *	179.996 *	121.728 *	101.144 *	102.193 *	112.927 *	166.313 *	361.830 *
22	349.420 *	321.901 *	280.362 *	296.431 *	309.775 *	185.058 *	118.403 *	98.013 *	103.255 *	118.403 *	161.419 *	388.794 *
23	335.483 *	314.271 *	299.400 *	294.953 *	306.788 *	182.653 *	120.619 *	97.999 *	107.510 *	115.111 *	160.190 *	418.064 *
24	317.320 *	314.289 *	311.275 *	292.012 *	306.806 *		116.199 *	95.923 *	109.687 *	115.098 *	149.388 *	416.444 *
25	290.641 *	347.888 *	299.400 *	292.017 *	300.868 *	176.236 *	115.098 *	96.958 *	110.743 *	116.251 *	158.990 *	395.217 *
26	306.788 *	293.508 *	264.722 *	305.301 *	300.850 *	167.531 *	114.002 *	93.875 *	103.255 *	122.849 *	158.978 *	270.361 *
27	344.735 *	361.843 *	249.087 *	320.280 *	294.949 *	166.301 *	115.098 *	91.813 *	104.310 *	122.868 *	165.078 *	281.346 *
28	525.738 *	333.956 *	284.740 *	369.693 *	278.912 *	165.078 *	114.002 *	92.834 *	107.516 *	117.308 *	176.258 *	427.870 *
29	384.087 *		305.301 *	421.276 *	314.289 *	161.408 *	112.914 *	91.813 *	109.667 *	125.141 *	174.979 *	422.916 *
30	416.444 *		309.775 *	423.013 *	300.868 *	160.190 *	110.743 *	93.861 *	110.782 *	122.900 *	149.193 *	485.257 *
31	1164.834 *		335.483 *		277.467 *		109.661 *	94.889 *		127.364 *		499.000 *
Caudal Max.	1373.725 *	797.106 *	429.514 *	439.476 *	1142.222 *		152.954 *	111.825 *	116.193 *	131.886 *	182.516 *	504.202 *
Día	14	1	1	30	6		1	1	30	29	16	31
Hora	6	6	6	6	6		17	17	17	17	17	6
Caudal Min.	249.087 *	286.166 *	249.087 *	266.000 *	277.467 *		109.661 *	90.793 *	80.805 *	90.793 *	118.396 *	134.178 *
Día	8	26	27	16	31		30	26	5	7	30	26
Hora	6	6	17	17	17		6	6	6	6	17	17
Caudal Medio	425.117	380.861	305.236	309.328	395.478	187.400	128.467	101.491	99.986	107.295	156.144	309.855

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



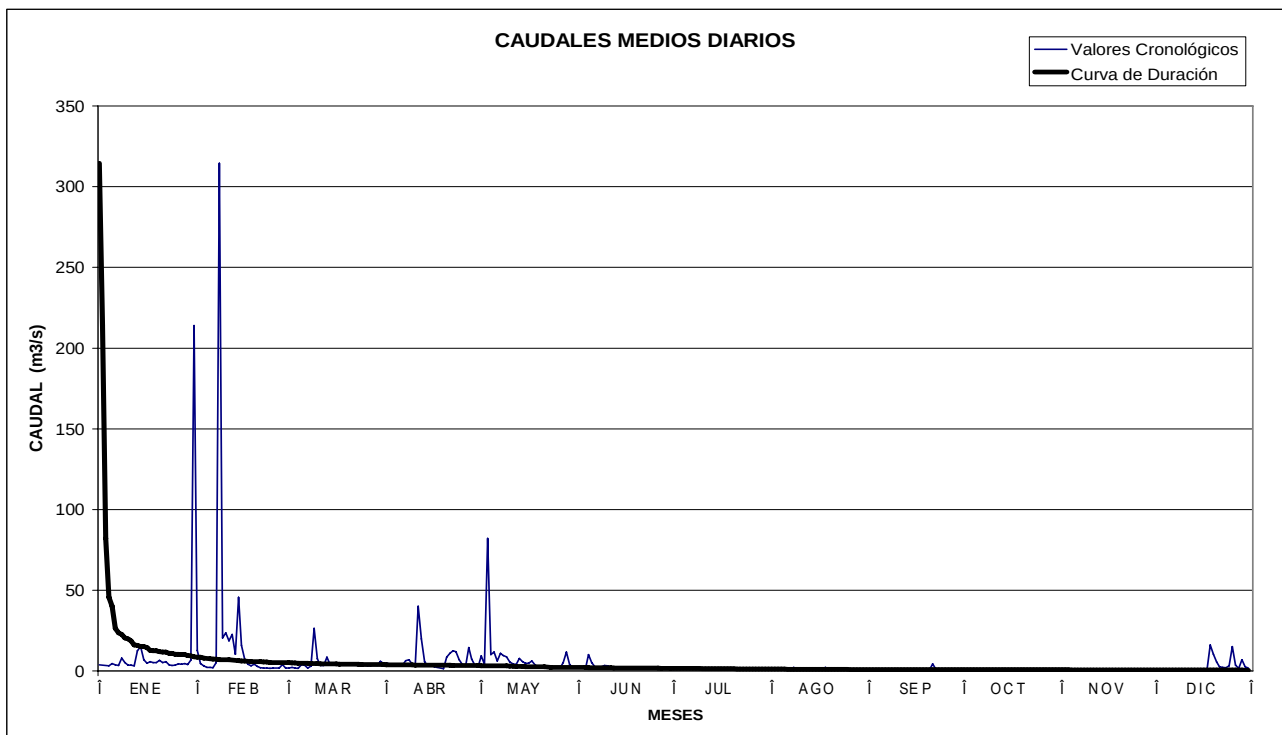
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H172	TEAONE DJ TABIAZO											Area Drenaje:440 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	3.752 *	12.896 *	1.813 *	4.839 *	2.441 *	1.995 *	1.220 *	0.840 *	1.155 *	0.757 *	0.731 *	0.630 *
2	3.684 *	4.619 *	1.859 *	5.073 *	9.308 *	2.798 *	1.150 *	0.840 *	0.897 *	0.731 *	0.705 *	0.631 *
3	3.424 *	3.258 *	2.148 *	4.458 *	4.280 *	2.288 *	1.221 *	0.784 *	1.530 *	0.785 *	0.679 *	0.705 *
4	3.366 *	2.388 *	1.857 *	4.098 *	82.213 *	1.813 *	1.150 *	0.784 *	1.155 *	1.333 *	0.630 *	0.934 *
5	4.685 *	2.236 *	1.769 *	3.751 *	10.296 *	10.245 *	1.366 *	0.784 *	0.840 *	1.445 *	0.607 *	0.785 *
6	3.955 *	2.089 *	3.801 *	3.618 *	11.779 *	5.143 *	1.291 *	0.784 *	0.812 *	1.185 *	0.679 *	0.607 *
7	3.488 *	5.318 *	3.653 *	3.684 *	6.234 *	2.655 *	1.150 *	0.841 *	1.054 *	0.897 *	0.630 *	0.584 *
8	7.967 *	314.515 *	1.995 *	6.444 *	10.963 *	2.138 *	1.482 *	1.117 *	0.868 *	0.897 *	0.584 *	0.584 *
9	5.238 *	20.644 *	3.063 *	7.046 *	9.575 *	2.666 *	1.185 *	2.378 *	0.929 *	1.085 *	0.584 *	0.679 *
10	3.687 *	23.670 *	26.464 *	4.458 *	8.798 *	3.494 *	1.221 *	1.221 *	0.868 *	1.052 *	0.539 *	0.902 *
11	3.684 *	18.747 *	7.616 *	4.167 *	5.648 *	3.315 *	1.185 *	1.052 *	0.840 *	0.958 *	0.584 *	0.868 *
12	3.299 *	22.718 *	3.427 *	40.107 *	4.411 *	2.236 *	1.117 *	1.085 *	0.784 *	0.897 *	0.607 *	0.731 *
13	12.502 *	10.485 *	3.489 *	20.011 *	4.033 *	1.774 *	1.084 *	0.958 *	0.812 *	0.868 *	0.584 *	0.630 *
14	15.152 *	45.651 *	8.564 *	5.864 *	7.701 *	1.726 *	1.052 *	0.868 *	0.840 *	0.840 *	0.584 *	0.630 *
15	7.030 *	15.971 *	4.548 *	3.148 *	5.943 *	1.560 *	1.019 *	0.897 *	0.812 *	0.840 *	0.631 *	0.764 *
16	4.839 *	7.526 *	4.095 *	4.216 *	4.874 *	1.560 *	0.957 *	0.988 *	0.784 *	0.705 *	1.224 *	0.927 *
17	5.912 *	4.315 *	4.025 *	2.547 *	4.760 *	1.600 *	0.957 *	1.600 *	0.902 *	0.705 *	1.269 *	0.841 *
18	5.246 *	3.183 *	5.006 *	2.336 *	6.201 *	1.642 *	0.897 *	1.403 *	0.958 *	0.784 *	0.812 *	0.812 *
19	5.155 *	4.234 *	3.751 *	1.910 *	3.899 *	1.868 *	1.084 *	2.341 *	0.784 *	0.784 *	0.679 *	16.143 *
20	6.651 *	2.770 *	3.751 *	1.442 *	2.712 *	1.403 *	0.897 *	1.480 *	0.731 *	0.784 *	0.760 *	10.368 *
21	5.161 *	2.042 *	3.819 *	8.754 *	2.666 *	1.403 *	0.897 *	1.052 *	0.705 *	1.088 *	0.705 *	5.596 *
22	5.849 *	1.948 *	3.618 *	10.963 *	3.007 *	1.442 *	0.897 *	1.085 *	4.534 *	0.958 *	0.655 *	2.615 *
23	3.892 *	1.948 *	3.618 *	12.564 *	2.288 *	1.442 *	0.897 *	1.442 *	1.413 *	0.840 *	0.607 *	2.267 *
24	3.553 *	1.769 *	3.488 *	11.998 *	2.137 *	1.560 *	0.897 *	1.085 *	1.441 *	0.812 *	0.584 *	2.114 *
25	3.619 *	1.948 *	3.424 *	7.019 *	2.041 *	1.601 *	0.897 *	1.019 *	0.927 *	1.085 *	0.584 *	3.202 *
26	4.548 *	1.903 *	3.619 *	4.047 *	2.042 *	2.042 *	0.897 *	1.019 *	0.995 *	1.019 *	0.539 *	15.113 *
27	4.166 *	1.948 *	3.361 *	3.001 *	1.813 *	1.600 *	0.897 *	0.957 *	0.784 *	1.019 *	0.561 *	3.685 *
28	4.612 *	4.001 *	3.299 *	14.651 *	5.205 *	2.194 *	0.897 *	0.988 *	0.927 *	1.019 *	0.788 *	1.770 *
29	4.098 *		4.154 *	7.451 *	11.819 *	1.520 *	0.840 *	0.958 *	0.840 *	0.897 *	1.024 *	7.070 *
30	6.852 *		3.553 *	3.619 *	4.047 *	1.365 *	0.897 *	0.897 *	0.812 *	0.840 *	0.679 *	2.654 *
31	214.050 *		6.110 *		2.390 *		0.840 *	0.897 *		0.784 *		2.002 *
Caudal Max.	312.598 *	551.633 *	27.704 *	43.256 *	128.464 *	17.253 *	1.600 *	3.236 *	4.758 *	1.769 *	1.769 *	23.645 *
Día	31	8	10	12	4	5	8	9	22	4	16	19
Hora	18	7	7	7	7	18	7	7	18	18	18	7
Caudal Mín.	3.114 *	1.769 *	1.769 *	1.365 *	1.769 *	1.365 *	0.839 *	0.784 *	0.679 *	0.679 *	0.539 *	0.583 *
Día	4	24	1	20	28	23	29	vv	21	17	vv	8
Hora	7	18	18	18	7	7	7		18	7		18
Caudal Medio	12.036	19.455	4.476	7.243	7.920	2.336	1.046	1.111	1.058	0.926	0.694	2.834

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



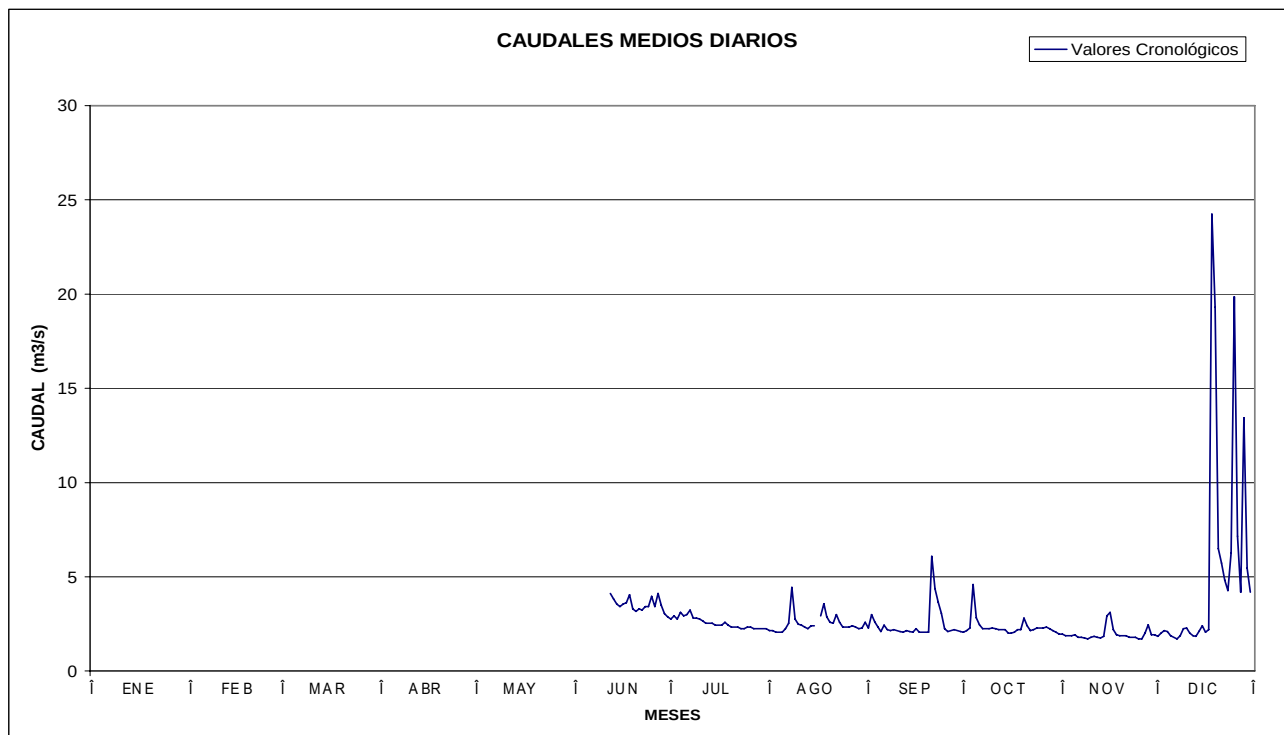
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H173	TEAONE AJ ESMERALDAS											Area Drenaje:520 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1							2.876 *	2.243 *	2.599 *	2.102 *	1.967 *	1.923 *
2							2.762 *	2.148 *	2.292 *	2.056 *	1.967 *	1.838 *
3							2.934 *	2.148 *	3.006 *	2.150 *	1.880 *	2.011 *
4							2.762 *	2.056 *	2.602 *	2.292 *	1.880 *	2.150 *
5							3.113 *	2.056 *	2.343 *	4.601 *	1.880 *	2.102 *
6							2.934 *	2.056 *	2.102 *	2.822 *	1.923 *	1.880 *
7							2.998 *	2.245 *	2.442 *	2.443 *	1.796 *	1.796 *
8							3.240 *	2.547 *	2.196 *	2.243 *	1.796 *	1.715 *
9							2.819 *	4.430 *	2.148 *	2.243 *	1.755 *	1.880 *
10							2.819 *	2.764 *	2.196 *	2.243 *	1.715 *	2.249 *
11							2.762 *	2.494 *	2.148 *	2.292 *	1.796 *	2.292 *
12							2.653 *	2.442 *	2.102 *	2.243 *	1.838 *	2.011 *
13						4.115 *	2.546 *	2.341 *	2.056 *	2.196 *	1.796 *	1.880 *
14						3.828 *	2.546 *	2.243 *	2.148 *	2.196 *	1.755 *	1.838 *
15						3.556 *	2.546 *	2.392 *	2.102 *	2.196 *	1.838 *	2.119 *
16						3.424 *	2.442 *	2.392 *	2.056 *	2.011 *	2.932 *	2.392 *
17						3.556 *	2.442 *		2.249 *	2.011 *	3.113 *	2.056 *
18						3.624 *	2.442 *	2.934 *	2.062 *	2.056 *	2.196 *	2.199 *
19						4.058 *	2.599 *	3.573 *	2.056 *	2.196 *	1.923 *	24.246 *
20						3.297 *	2.442 *	2.877 *	2.056 *	2.196 *	1.880 *	19.296 *
21						3.172 *	2.341 *	2.599 *	2.056 *	2.819 *	1.880 *	6.505 *
22						3.297 *	2.341 *	2.547 *	6.077 *	2.394 *	1.880 *	5.733 *
23						3.235 *	2.341 *	2.993 *	4.367 *	2.148 *	1.796 *	4.831 *
24						3.424 *	2.243 *	2.599 *	3.652 *	2.196 *	1.796 *	4.275 *
25						3.424 *	2.243 *	2.341 *	3.071 *	2.292 *	1.796 *	6.286 *
26						3.970 *	2.341 *	2.341 *	2.245 *	2.292 *	1.715 *	19.859 *
27						3.424 *	2.341 *	2.341 *	2.102 *	2.292 *	1.715 *	7.154 *
28						4.115 *	2.243 *	2.392 *	2.150 *	2.341 *	2.011 *	4.196 *
29						3.489 *	2.243 *	2.343 *	2.196 *	2.243 *	2.448 *	13.444 *
30						3.051 *	2.243 *	2.243 *	2.148 *	2.148 *	1.923 *	5.452 *
31							2.243 *	2.292 *		2.056 *		4.190 *
Caudal Max.							3.489 *		6.654 *	6.861 *	3.898 *	29.969 *
Día							8		22	5	16	19
Hora							7		18	7	18	7
Caudal Min.							2.243 *		1.880 *	1.967 *	1.715 *	1.715 *
Día							vv		18	17	vv	8
Hora									7	18		7
Caudal Medio							2.575	2.514	2.501	2.323	1.953	5.219

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



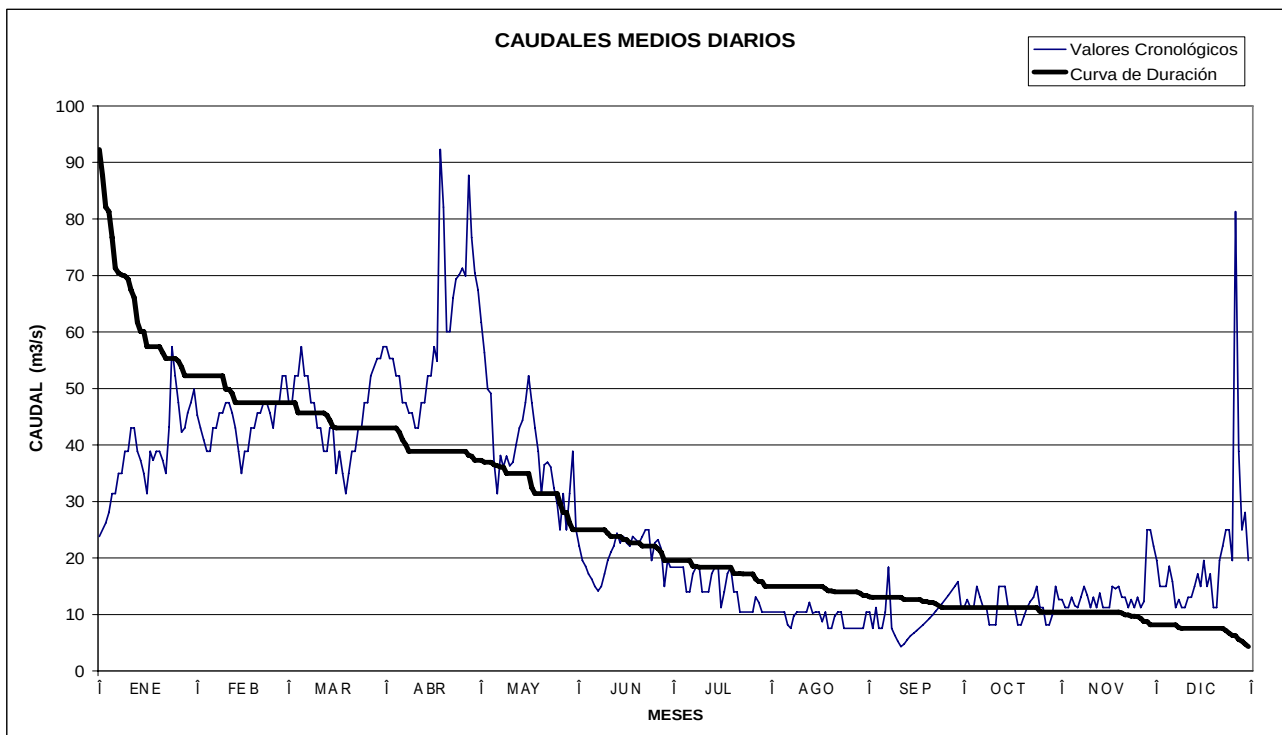
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H188	PILATON D.J. CHITOA (EN LA ESPERIE)											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	23.813 *	45.256 *	52.272 *	57.381 *	67.445 *	24.975 *	18.352 *	10.439 *	10.439 *	11.242 *	12.652 *	22.142 *
2	24.975 *	43.022 *	47.490 *	57.381 *	61.718 *	22.142 *	18.352 *	10.439 *	10.439 *	11.242 *	12.652 *	19.542 *
3	26.175 *	40.938 *	47.490 *	55.297 *	56.339 *	19.542 *	18.352 *	10.439 *	7.560 *	12.652 *	11.242 *	14.994 *
4	28.051 *	38.855 *	52.272 *	55.297 *	49.881 *	18.564 *	18.352 *	10.439 *	11.242 *	11.242 *	11.242 *	14.994 *
5	31.382 *	38.855 *	52.272 *	52.272 *	49.159 *	17.163 *	18.352 *	10.439 *	7.560 *	11.242 *	13.023 *	14.994 *
6	31.382 *	43.022 *	57.381 *	52.272 *	36.917 *	16.271 *	14.009 *	10.439 *	7.560 *	14.994 *	11.583 *	18.564 *
7	34.979 *	43.022 *	52.272 *	47.490 *	31.382 *	14.994 *	14.009 *	8.200 *	10.439 *	13.023 *	11.242 *	15.837 *
8	34.979 *	45.665 *	52.272 *	47.490 *	38.149 *	14.182 *	17.268 *	7.560 *	18.352 *	11.242 *	13.023 *	11.242 *
9	38.855 *	45.665 *	47.490 *	45.665 *	36.125 *	14.994 *	18.352 *	9.721 *	7.560 *	11.242 *	14.994 *	12.652 *
10	38.855 *	47.490 *	47.490 *	45.665 *	38.063 *	17.163 *	18.352 *	10.439 *	6.353 *	8.200 *	13.402 *	11.242 *
11	43.022 *	47.490 *	43.022 *	43.022 *	36.351 *	19.542 *	14.009 *	10.439 *	5.287 *	8.200 *	11.242 *	11.242 *
12	43.022 *	45.665 *	43.022 *	43.022 *	36.917 *	21.075 *	14.009 *	10.439 *	4.353 *	8.200 *	13.023 *	13.023 *
13	38.855 *	43.022 *	38.855 *	47.490 *	40.087 *	22.142 *	14.009 *	10.439 *	4.788 *	14.994 *	11.242 *	13.023 *
14	37.271 *	38.855 *	38.855 *	47.490 *	43.022 *	24.389 *	17.268 *	12.132 *	5.578 *	14.994 *	13.788 *	14.994 *
15	34.979 *	34.979 *	43.022 *	52.272 *	44.344 *	22.690 *	18.352 *	10.289 *	6.222 *	14.994 *	11.242 *	17.163 *
16	31.382 *	38.855 *	43.022 *	52.272 *	47.490 *	23.813 *	18.352 *	10.439 *	6.681 *	11.242 *	11.242 *	14.994 *
17	38.855 *	38.855 *	34.979 *	57.381 *	52.272 *	22.690 *	11.242 *	10.439 *	7.164 *	11.242 *	11.242 *	19.542 *
18	37.271 *	43.022 *	38.855 *	54.826 *	47.490 *	22.142 *	14.009 *	8.768 *	7.670 *	11.242 *	14.994 *	14.994 *
19	38.855 *	43.022 *	34.979 *	92.323 *	43.022 *	23.813 *	17.268 *	10.439 *	8.200 *	8.200 *	14.584 *	17.163 *
20	38.855 *	45.665 *	31.382 *	82.102 *	38.855 *	23.266 *	18.352 *	7.560 *	8.756 *	8.200 *	14.994 *	11.242 *
21	37.271 *	45.665 *	34.979 *	60.104 *	31.382 *	22.690 *	14.009 *	7.560 *	9.337 *	9.637 *	13.023 *	11.242 *
22	34.979 *	47.490 *	38.855 *	60.104 *	36.518 *	23.813 *	14.009 *	9.721 *	9.944 *	11.242 *	13.023 *	19.542 *
23	43.173 *	47.490 *	38.855 *	66.084 *	36.917 *	24.975 *	10.439 *	10.439 *	10.579 *	12.289 *	11.242 *	22.142 *
24	57.381 *	45.665 *	43.022 *	69.373 *	36.125 *	24.975 *	10.439 *	10.439 *	11.242 *	13.023 *	12.652 *	24.975 *
25	52.272 *	43.022 *	43.022 *	70.092 *	32.445 *	19.542 *	10.439 *	7.560 *	11.932 *	14.994 *	11.242 *	24.975 *
26	47.490 *	47.490 *	47.490 *	71.312 *	29.716 *	22.690 *	10.439 *	7.560 *	12.652 *	11.242 *	13.023 *	19.542 *
27	42.260 *	47.490 *	47.490 *	69.946 *	24.975 *	23.247 *	10.439 *	7.560 *	13.402 *	11.242 *	11.242 *	81.325 *
28	43.022 *	52.272 *	52.272 *	87.703 *	31.382 *	21.677 *	13.118 *	7.560 *	14.182 *	8.200 *	12.289 *	38.855 *
29	45.665 *		53.785 *	76.726 *	24.975 *	14.994 *	12.132 *	7.560 *	14.994 *	8.200 *	24.975 *	24.975 *
30	47.490 *		55.297 *	70.452 *	31.382 *	19.542 *	10.439 *	7.560 *	15.837 *	9.944 *	24.975 *	28.051 *
31	49.881 *		55.297 *	38.855 *			10.439 *	7.560 *		14.994 *		19.542 *
Caudal Max.	57.381 *	52.272 *	57.381 *	103.320 *	68.626 *	24.975 *	19.542 *	13.023 *	19.542 *	14.994 *	24.975 *	81.325 *
Día	24	28	6	19	1	wv	5	14	8	wv	wv	27
Hora	7	7	7	7	7		7	7	7			18
Caudal Mín.	23.813 *	34.979 *	31.382 *	43.022 *	24.975 *	14.182 *	9.637 *	6.920 *	3.918 *	8.200 *	11.241 *	11.241 *
Día	1	15	20	wv	wv	8	27	8	12	wv	16	10
Hora	7	17	7			17	17	17	17		7	18
Caudal Medio	38.603	43.850	45.453	59.677	40.313	20.790	14.741	9.388	9.543	11.382	13.344	19.959

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

wv = Evento registrado en varios días



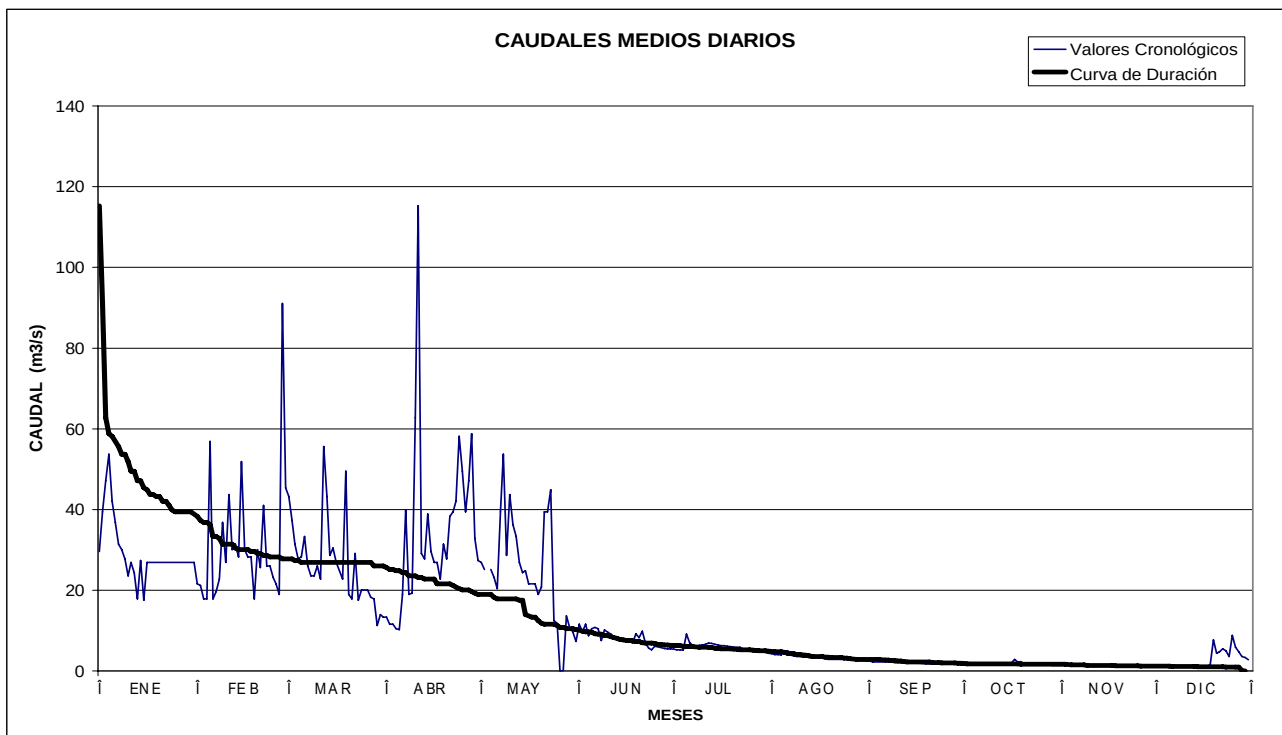
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H216	BUA AJ QUININDE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	29.593 *	21.602 *	45.443 *	13.354 *	27.364 *	7.351 *	5.501 *	4.420 *	2.496 *	1.693 *	1.397 *	1.306 *
2	39.417 *	21.217 *	43.200 *	13.354 *	26.929 *	11.610 *	5.406 *	4.336 *	2.496 *	1.693 *	1.397 *	1.351 *
3	47.164 *	17.916 *	37.335 *	11.610 *	25.225 *	9.735 *	5.312 *	4.087 *	2.250 *	1.693 *	1.397 *	1.306 *
4	53.757 *	17.916 *	31.441 *	11.610 *		11.610 *	5.312 *	4.087 *	2.250 *	1.693 *	1.397 *	1.217 *
5	42.101 *	56.901 *	27.802 *	10.517 *	25.225 *		5.220 *	4.007 *	2.250 *	1.693 *	1.306 *	1.174 *
6	36.824 *	17.916 *	28.244 *	10.253 *	23.176 *	10.517 *	9.129 *	4.988 *	2.250 *	1.798 *	1.306 *	1.131 *
7	31.441 *	19.715 *	33.348 *	18.985 *	20.459 *	10.785 *	7.024 *	4.988 *	2.250 *	1.693 *	1.306 *	1.049 *
8	30.049 *	22.777 *	26.070 *	39.946 *	39.417 *	10.517 *	6.392 *	3.926 *	2.250 *	1.693 *	1.306 *	1.049 *
9	27.802 *	36.824 *	23.579 *	18.985 *	53.757 *	7.574 *	6.087 *	3.768 *	2.250 *	1.693 *	1.306 *	1.049 *
10	23.579 *	26.929 *	23.579 *	19.348 *	28.690 *	10.175 *	6.392 *	3.613 *	2.132 *	1.798 *	1.306 *	1.010 *
11	26.929 *	43.755 *	26.070 *	62.796 *	43.755 *	9.608 *	6.494 *	3.613 *	2.132 *	1.693 *	1.217 *	0.970 *
12	24.395 *	30.049 *	22.777 *	115.235 *	36.316 *	9.107 *	6.599 *	3.462 *	2.132 *	1.798 *	1.174 *	0.970 *
13	17.916 *	31.441 *	55.632 *	29.140 *	33.348 *	8.501 *	6.916 *	3.462 *	2.017 *	1.693 *	1.131 *	0.970 *
14	27.364 *	28.244 *	43.200 *	27.802 *	26.929 *	8.146 *	6.810 *	3.314 *	2.017 *	1.693 *	1.217 *	0.970 *
15	17.568 *	51.914 *	28.690 *	38.891 *	24.395 *	7.800 *	6.599 *	3.314 *	2.017 *	1.591 *	1.217 *	0.970 *
16	26.929 *	30.049 *	30.510 *	29.593 *	24.808 *	7.574 *	6.494 *	3.314 *	2.017 *	1.591 *	1.217 *	1.049 *
17	26.929 *	28.244 *	26.929 *	26.929 *	21.602 *	7.463 *	6.289 *	3.169 *	1.962 *	2.017 *	1.217 *	1.217 *
18	26.929 *	28.244 *	24.808 *	26.929 *	21.602 *	7.353 *	6.289 *	3.169 *	1.906 *	2.890 *	1.217 *	1.174 *
19	26.929 *	17.916 *	22.777 *	22.777 *	21.602 *	6.916 *	6.188 *	3.028 *	1.852 *	2.250 *	1.217 *	1.642 *
20	26.929 *	30.049 *	49.509 *	31.441 *	18.985 *	9.230 *	6.087 *	2.890 *	1.798 *	2.372 *	1.217 *	7.739 *
21	26.929 *	25.645 *	18.985 *	27.802 *	20.836 *	8.291 *	5.888 *	2.890 *	1.798 *	1.798 *	1.131 *	4.387 *
22	26.929 *	41.016 *	17.916 *	38.369 *	39.417 *	9.837 *	5.888 *	2.890 *	1.798 *	1.798 *	1.131 *	4.774 *
23	26.929 *	26.070 *	29.140 *	39.417 *	39.417 *	6.918 *	5.888 *	2.890 *	1.798 *	1.798 *	1.049 *	5.516 *
24	26.929 *	26.070 *	17.568 *	42.101 *	44.877 *	5.648 *	5.501 *	2.890 *	1.798 *	1.798 *	1.131 *	5.039 *
25	26.929 *	23.176 *	20.085 *	58.185 *	12.466 *	5.240 *	5.406 *	2.959 *	1.798 *	1.798 *	1.090 *	3.613 *
26	26.929 *	21.602 *	20.085 *	49.509 *	11.892 *	6.188 *	5.312 *	2.890 *	1.798 *	1.798 *	1.049 *	8.872 *
27	26.929 *	18.985 *	20.085 *	39.417 *	0.032 *	5.987 *	5.127 *	2.890 *	1.745 *	1.693 *	1.090 *	5.949 *
28	26.929 *	91.102 *	18.269 *	47.164 *	0.084 *	5.794 *	4.945 *	2.755 *	1.693 *	1.591 *	1.397 *	4.767 *
29	26.929 *		17.916 *	58.833 *	13.657 *	5.597 *	4.856 *	2.755 *	1.693 *	1.591 *	1.545 *	3.620 *
30	26.929 *		11.331 *	32.865 *	10.785 *	5.501 *	4.767 *	2.624 *	1.693 *	1.397 *	1.397 *	3.314 *
31	26.929 *		13.963 *		9.735 *		4.592 *	2.624 *		1.397 *		2.823 *
Caudal Max.	53.757 *	134.460 *	55.632 *	128.550 *		12.758 *	12.758 *	5.888 *	2.496 *	2.890 *	1.693 *	11.057 *
Día	4	28	13	12		22	6	6	vv	18	29	20
Hora	17	7	17	7		7	17	6		17	6	6
Caudal Mín.	17.567 *	17.916 *	11.331 *	10.253 *		4.592 *	4.592 *	2.624 *	1.693 *	1.397 *	1.049 *	0.970 *
Día	15	vv	30	6		24	31	vv	vv	vv	vv	vv
Hora	17		17	17		17	6					
Caudal Medio	29.250	30.475	27.622	33.772	24.893	8.177	5.958	3.420	2.011	1.780	1.249	2.645

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

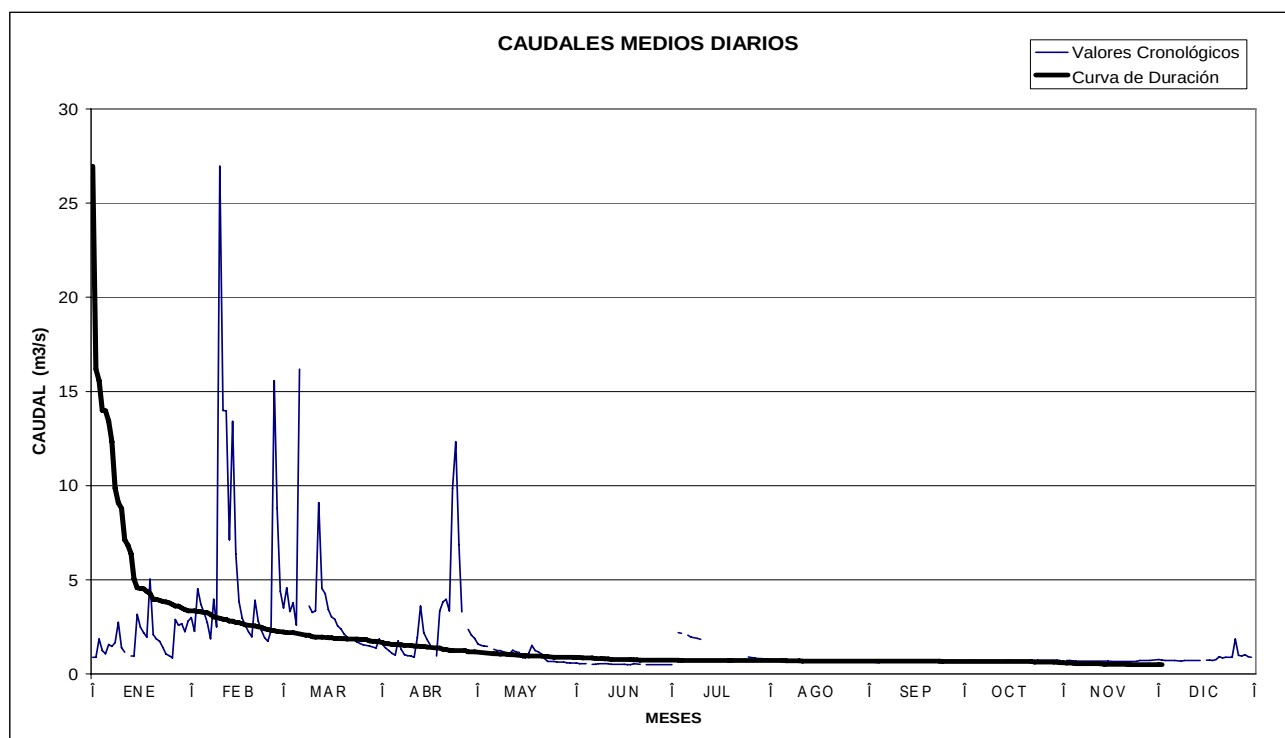


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H232	MOSQUITO AJ GRANDE											Area Drenaje:108 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.897 *	2.991 *	4.398 *	1.862 *	1.902 *	0.574 *	0.496 *	0.804 *	0.629 *	0.685 *	0.729 *	0.759 *
2	0.897 *	2.273 *	3.506 *	1.575 *	1.595 *	0.574 *	0.496 *	0.774 *	0.629 *	0.685 *		0.774 *
3	1.856 *	4.516 *	4.573 *	1.383 *	1.516 *	0.561 *		0.774 *	0.629 *	0.714 *	0.714 *	0.744 *
4	1.254 *	3.693 *	3.320 *	1.236 *	1.478 *	0.547 *	2.206 *	0.774 *	0.615 *	0.714 *	0.714 *	0.729 *
5	1.079 *	3.245 *	3.775 *	1.096 *	1.459 *	0.547 *	2.161 *	0.774 *	0.601 *	0.714 *	0.700 *	0.714 *
6	1.578 *	2.719 *	2.602 *	1.011 *				0.774 *	0.685 *	0.700 *	0.685 *	0.714 *
7	1.459 *	1.881 *	16.186 *	1.756 *	1.327 *	0.521 *	2.073 *	0.759 *	0.685 *	0.685 *	0.685 *	0.714 *
8	1.673 *	3.968 *		1.296 *	1.254 *	0.521 *	1.965 *	0.744 *	0.685 *	0.685 *	0.685 *	0.700 *
9	2.748 *	2.506 *		1.028 *	1.236 *	0.547 *	1.923 *	0.744 *	0.685 *	0.685 *	0.685 *	0.685 *
10	1.402 *	26.960 *	3.612 *	0.978 *	1.183 *	0.547 *	1.901 *	0.729 *	0.685 *	0.685 *	0.685 *	0.714 *
11	1.165 *	13.989 *	3.268 *	0.962 *	1.130 *	0.547 *	1.838 *	0.714 *	0.685 *	0.685 *	0.685 *	0.714 *
12		13.971 *	3.355 *	0.897 *	1.079 *	0.547 *		0.714 *	0.671 *	0.685 *	0.685 *	0.714 *
13	0.962 *	7.131 *	9.105 *	1.947 *	1.273 *	0.521 *			0.657 *	0.685 *	0.685 *	0.714 *
14	0.962 *	13.413 *	4.540 *	3.610 *	1.183 *	0.521 *		0.714 *	0.657 *	0.685 *	0.685 *	0.714 *
15	3.159 *	6.380 *	4.279 *	2.206 *	1.149 *	0.521 *		0.685 *	0.657 *	0.714 *	0.685 *	0.714 *
16	2.480 *	3.842 *	3.427 *	1.839 *	0.882 *	0.521 *		0.685 *	0.657 *	0.714 *	0.685 *	
17	2.206 *	2.967 *	3.039 *	1.557 *	0.866 *	0.521 *		0.685 *	0.657 *	0.714 *	0.657 *	0.744 *
18	1.966 *	2.574 *	2.913 *		1.114 *	0.496 *		0.685 *	0.657 *		0.657 *	0.744 *
19	5.033 *	2.231 *	2.550 *	0.962 *	1.517 *	0.496 *		0.685 *	0.657 *	0.714 *	0.657 *	0.714 *
20	2.095 *	1.987 *	2.410 *	3.355 *	1.236 *	0.547 *	1.062 *	0.685 *	0.657 *	0.700 *	0.657 *	0.774 *
21	1.860 *	3.914 *	2.139 *	3.834 *	1.183 *	0.534 *		0.685 *	0.657 *	0.685 *	0.657 *	0.929 *
22	1.735 *	2.816 *	1.965 *	3.975 *	1.063 *	0.521 *		0.685 *	0.657 *	0.685 *	0.657 *	0.866 *
23	1.421 *	2.320 *	1.880 *	3.351 *	0.821 *			0.685 *	0.657 *	0.685 *	0.657 *	0.897 *
24	1.062 *	1.923 *	1.818 *	9.874 *	0.671 *	0.508 *		0.685 *		0.714 *	0.657 *	0.897 *
25	0.978 *	1.735 *	1.715 *	12.323 *	0.657 *	0.496 *		0.685 *	0.657 *	0.744 *	0.657 *	0.897 *
26	0.866 *	2.302 *	1.634 *	6.833 *	0.657 *	0.496 *	0.913 *	0.685 *	0.657 *	0.744 *	0.714 *	1.856 *
27	2.892 *	15.565 *	1.555 *	3.303 *	0.629 *	0.508 *	0.882 *	0.685 *	0.714 *	0.744 *	0.714 *	0.985 *
28	2.597 *	8.788 *	1.516 *		0.629 *	0.508 *	0.850 *	0.671 *	0.714 *	0.744 *	0.714 *	0.962 *
29	2.680 *		1.497 *	2.365 *	0.629 *	0.496 *	0.835 *	0.657 *	0.714 *	0.744 *	0.714 *	1.028 *
30	2.251 *		1.440 *	2.073 *	0.601 *	0.496 *	0.819 *	0.657 *	0.700 *	0.744 *	0.744 *	0.929 *
31	2.819 *		1.383 *		0.574 *		0.804 *	0.643 *		0.744 *		0.898 *
Caudal Max.	37.165 *											
Día	10											
Hora	7											
Caudal Mín.	1.695 *											
Día	25											
Hora	17											
Caudal Medio	1.868	5.807	3.428	2.803	1.083	0.527		0.711	0.664	0.708	0.686	0.831

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

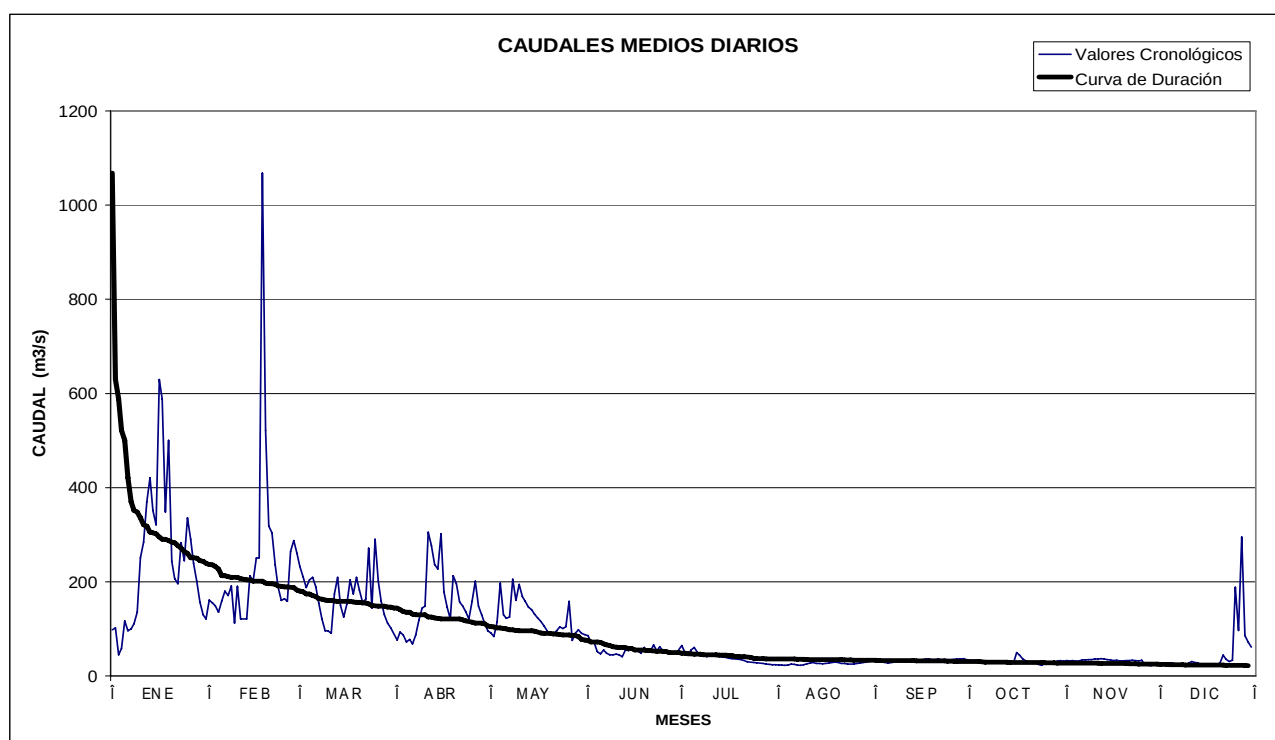


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H326	BABA DJ TOACHI-DCP											Area Drenaje:1410 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	98.527 *	161.497 *	260.616 *	89.392 *	96.229 *	87.912 *	55.258 *	24.071 *	31.889 *	34.766 *	31.491 *	23.389 *
2	102.490 *	155.456 *	232.480 *	76.524 *	91.809 *	85.732 *	65.147 *	23.727 *	32.697 *	33.516 *	32.702 *	23.733 *
3	44.794 *	148.915 *	210.989 *	93.891 *	84.245 *	72.495 *	49.706 *	23.389 *	30.699 *	33.106 *	32.293 *	23.400 *
4	58.778 *	135.326 *	187.977 *	87.166 *	114.842 *	71.820 *	45.183 *	22.717 *	29.919 *	33.521 *	33.106 *	25.468 *
5	116.706 *	159.504 *	203.817 *	72.495 *	197.310 *	51.723 *	54.966 *	23.727 *	29.150 *	33.516 *	31.491 *	26.543 *
6	96.229 *	180.391 *	209.638 *	77.919 *	129.791 *	47.375 *	60.518 *	25.468 *	27.644 *	33.106 *	32.293 *	27.644 *
7	100.258 *	170.900 *	189.094 *	67.933 *	122.625 *	55.110 *	49.706 *	24.764 *	28.392 *	32.293 *	33.931 *	25.468 *
8	110.913 *	191.312 *	155.537 *	87.166 *	125.289 *	48.443 *	44.735 *	23.389 *	29.919 *	31.895 *	34.346 *	23.727 *
9	135.245 *	112.345 *	120.901 *	119.137 *	205.719 *	45.278 *	47.660 *	22.717 *	30.699 *	29.150 *	35.187 *	22.717 *
10	251.297 *	190.560 *	96.229 *	144.387 *	160.470 *	44.794 *	41.395 *	24.071 *	31.092 *	28.015 *	35.187 *	23.056 *
11	284.487 *	120.901 *	96.229 *	148.577 *	194.722 *	46.879 *	43.752 *	26.183 *	29.919 *	27.273 *	36.039 *	27.644 *
12	370.087 *	120.901 *	90.191 *	305.146 *	168.811 *	45.328 *	43.741 *	27.644 *	30.699 *	27.644 *	36.471 *	30.699 *
13	420.998 *	120.901 *	174.603 *	276.690 *	158.477 *	40.811 *	41.855 *	28.392 *	31.092 *	28.392 *	36.903 *	29.150 *
14	351.425 *	213.187 *	209.638 *	237.345 *	146.597 *	55.478 *	41.855 *	26.908 *	31.889 *	29.532 *	36.471 *	28.021 *
15	321.414 *	201.481 *	149.537 *	227.518 *	140.874 *	54.397 *	40.475 *	26.908 *	32.697 *	28.015 *	35.187 *	23.389 *
16	629.355 *	250.343 *	125.262 *	301.715 *	131.582 *	59.966 *	40.027 *	26.183 *	33.516 *	27.644 *	34.346 *	23.389 *
17	588.266 *	250.912 *	153.503 *	179.295 *	123.498 *	58.791 *	37.778 *	26.908 *	34.766 *	49.706 *	33.106 *	22.717 *
18	348.531 *	1068.510 *	204.023 *	146.678 *	115.701 *	52.793 *	36.903 *	27.644 *	36.039 *	44.735 *	33.516 *	22.717 *
19	500.497 *	521.415 *	174.603 *	120.901 *	106.519 *	48.666 *	36.471 *	28.392 *	36.039 *	36.482 *	32.293 *	23.389 *
20	243.756 *	318.845 *	209.535 *	213.090 *	95.443 *	60.518 *	35.613 *	29.919 *	34.766 *	32.304 *	31.889 *	24.071 *
21	207.372 *	304.440 *	182.554 *	195.763 *	87.166 *	52.804 *	34.766 *	28.392 *	35.187 *	28.392 *	32.697 *	27.644 *
22	195.825 *	236.397 *	156.443 *	157.456 *	89.392 *	52.409 *	33.106 *	26.908 *	36.039 *	27.644 *	33.106 *	44.735 *
23	283.128 *	189.128 *	163.681 *	148.577 *	96.229 *	66.364 *	30.307 *	26.908 *	34.766 *	27.279 *	33.516 *	35.647 *
24	244.934 *	160.470 *	271.154 *	137.117 *	104.122 *	53.345 *	29.532 *	25.822 *	35.187 *	24.764 *	32.697 *	30.710 *
25	336.285 *	164.552 *	144.387 *	120.901 *	100.925 *	62.298 *	28.392 *	25.113 *	35.187 *	22.717 *	32.293 *	33.521 *
26	290.389 *	158.477 *	290.389 *	158.477 *	104.914 *	54.397 *	28.015 *	25.822 *	34.766 *	26.908 *	33.516 *	188.867 *
27	239.847 *	265.091 *	201.825 *	201.481 *	158.477 *	49.706 *	27.273 *	26.543 *	35.613 *	26.183 *	24.103 *	96.498 *
28	201.825 *	287.522 *	158.477 *	148.577 *	75.849 *	46.166 *	26.543 *	27.273 *	36.039 *	27.644 *	22.717 *	295.645 *
29	156.633 *		129.791 *	129.791 *	90.865 *	46.160 *	25.822 *	28.392 *	36.471 *	29.537 *	22.384 *	85.694 *
30	129.791 *		112.345 *	112.345 *	97.781 *		24.764 *	29.919 *	36.903 *	31.491 *	23.389 *	72.507 *
31	120.901 *		102.490 *		90.865 *		24.415 *	31.092 *		33.106 *		61.640 *
Caudal Max.	671.178 *	1179.169 *	311.200 *	340.715 *	231.108 *		66.928 *	31.092 *	36.903 *	52.264 *	36.903 *	313.319 *
Día	16	18	24	12	5		2	31	30	17	13	28
Hora	7	16	7	16	7		7	7	7	7	7	7
Caudal Mín.	42.219 *	108.150 *	84.966 *	64.721 *	73.806 *		24.415 *	22.384 *	27.273 *	22.384 *	22.384 *	22.384 *
Día	3	9	12	7	28		31	9	6	25	29	17
Hora	16	16	16	16	16		7	7	18	7	7	16
Caudal Medio	244.548	234.274	173.159	152.782	122.811	55.792	39.538	26.300	32.989	30.977	32.289	47.530

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



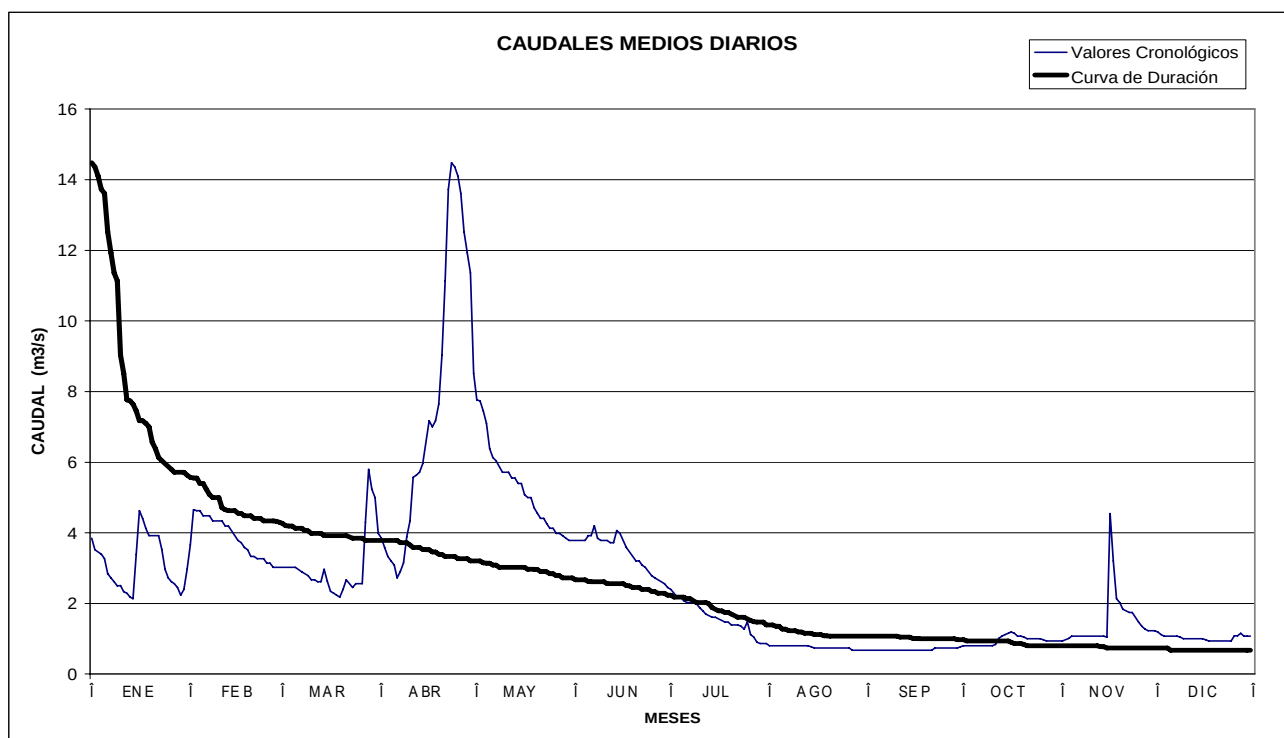
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H331	CHIMBO EN SAN LORENZO											Area Drenaje:660 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	3.851 *	3.661 *	3.021 *	3.987 *	8.510 *	3.783 *	2.448 *	0.868 *	0.680 *	0.772 *	0.936 *	1.230 *
2	3.520 *	4.655 *	3.021 *	3.851 *	7.766 *	3.783 *	2.394 *	0.803 *	0.680 *	0.803 *	0.936 *	1.192 *
3	3.456 *	4.627 *	3.021 *	3.585 *	7.735 *	3.783 *	2.288 *	0.803 *	0.680 *	0.803 *	0.971 *	1.116 *
4	3.393 *	4.627 *	3.021 *	3.329 *	7.454 *	3.783 *	2.183 *	0.803 *	0.680 *	0.803 *	1.007 *	1.078 *
5	3.266 *	4.482 *	3.021 *	3.204 *	7.097 *	3.783 *	2.183 *	0.803 *	0.680 *	0.803 *	1.078 *	1.078 *
6	2.843 *	4.482 *	3.021 *	3.081 *	6.384 *	3.918 *	2.082 *	0.803 *	0.680 *	0.803 *	1.078 *	1.078 *
7	2.727 *	4.482 *	2.961 *	2.727 *	6.128 *	3.918 *	2.032 *	0.803 *	0.680 *	0.803 *	1.078 *	1.078 *
8	2.614 *	4.337 *	2.901 *	2.903 *	6.044 *	4.205 *	2.031 *	0.803 *	0.680 *	0.803 *	1.078 *	1.078 *
9	2.503 *	4.337 *	2.843 *	3.143 *	5.878 *	3.851 *	2.031 *	0.803 *	0.680 *	0.803 *	1.078 *	1.042 *
10	2.505 *	4.337 *	2.785 *	3.884 *	5.713 *	3.783 *	1.982 *	0.803 *	0.680 *	0.803 *	1.078 *	1.006 *
11	2.340 *	4.337 *	2.670 *	4.329 *	5.713 *	3.783 *	1.885 *	0.803 *	0.680 *	0.803 *	1.078 *	1.006 *
12	2.288 *	4.195 *	2.670 *	5.569 *	5.713 *	3.783 *	1.790 *	0.803 *	0.680 *	0.836 *	1.078 *	1.006 *
13	2.183 *	4.195 *	2.614 *	5.634 *	5.551 *	3.717 *	1.697 *	0.803 *	0.680 *	1.007 *	1.078 *	1.006 *
14	2.132 *	4.055 *	2.614 *	5.714 *	5.551 *	3.717 *	1.652 *	0.803 *	0.680 *	1.078 *	1.078 *	1.006 *
15	3.379 *	3.918 *	2.968 *	5.962 *	5.392 *	4.065 *	1.607 *	0.772 *	0.680 *	1.116 *	1.078 *	1.006 *
16	4.627 *	3.783 *	2.621 *	6.565 *	5.392 *	3.987 *	1.607 *	0.740 *	0.680 *	1.154 *	1.042 *	1.006 *
17	4.409 *	3.717 *	2.341 *	7.178 *	5.079 *	3.783 *	1.563 *	0.740 *	0.680 *	1.192 *	4.548 *	0.971 *
18	4.127 *	3.585 *	2.288 *	6.998 *	5.003 *	3.585 *	1.519 *	0.740 *	0.680 *	1.154 *	3.204 *	0.936 *
19	3.918 *	3.520 *	2.236 *	7.178 *	5.003 *	3.456 *	1.476 *	0.740 *	0.680 *	1.078 *	2.132 *	0.936 *
20	3.918 *	3.329 *	2.183 *	7.643 *	4.701 *	3.329 *	1.476 *	0.740 *	0.680 *	1.078 *	2.031 *	0.936 *
21	3.918 *	3.329 *	2.401 *	9.029 *	4.554 *	3.204 *	1.392 *	0.740 *	0.680 *	1.042 *	1.838 *	0.936 *
22	3.918 *	3.266 *	2.670 *	11.134 *	4.409 *	3.204 *	1.392 *	0.740 *	0.680 *	1.006 *	1.790 *	0.936 *
23	3.524 *	3.266 *	2.558 *	13.729 *	4.409 *	3.081 *	1.392 *	0.740 *	0.740 *	1.006 *	1.743 *	0.936 *
24	2.963 *	3.266 *	2.448 *	14.481 *	4.266 *	3.021 *	1.351 *	0.740 *	0.740 *	1.006 *	1.743 *	0.936 *
25	2.727 *	3.142 *	2.558 *	14.355 *	4.125 *	2.903 *	1.270 *	0.740 *	0.740 *	1.006 *	1.607 *	0.936 *
26	2.614 *	3.142 *	2.558 *	14.101 *	4.125 *	2.786 *	1.487 *	0.740 *	0.740 *	1.006 *	1.476 *	1.083 *
27	2.559 *	3.021 *	2.558 *	13.604 *	3.987 *	2.727 *	1.116 *	0.740 *	0.740 *	0.971 *	1.351 *	1.083 *
28	2.449 *	3.021 *	4.301 *	12.518 *	3.987 *	2.670 *	1.042 *	0.680 *	0.740 *	0.936 *	1.270 *	1.153 *
29	2.236 *		5.797 *	11.934 *	3.918 *	2.614 *	0.902 *	0.680 *	0.740 *	0.936 *	1.230 *	1.078 *
30	2.401 *		5.234 *	11.360 *	3.851 *	2.558 *	0.868 *	0.680 *	0.740 *	0.936 *	1.230 *	1.078 *
31	2.968 *		5.003 *		3.783 *		0.868 *	0.680 *		0.936 *		1.078 *
Caudal Max.	4.627 *	5.392 *	6.043 *	14.734 *	9.002 *	4.627 *	2.448 *	0.868 *	0.740 *	1.230 *	8.017 *	1.230 *
Día	16	2	29	24	1	8	1	1	vv	17	17	1
Hora	8	18	18	18	8	18	18	8		18	18	18
Caudal Mín.	2.132 *	3.021 *	2.132 *	2.670 *	3.783 *	2.558 *	0.868 *	0.680 *	0.680 *	0.740 *	0.936 *	0.936 *
Día	29	vv	20	7	31	30	vv	vv	vv	1	vv	vv
Hora	18		18	8	8	8				8		
Caudal Medio	3.106	3.861	2.997	7.424	5.394	3.485	1.645	0.764	0.696	0.945	1.465	1.033

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



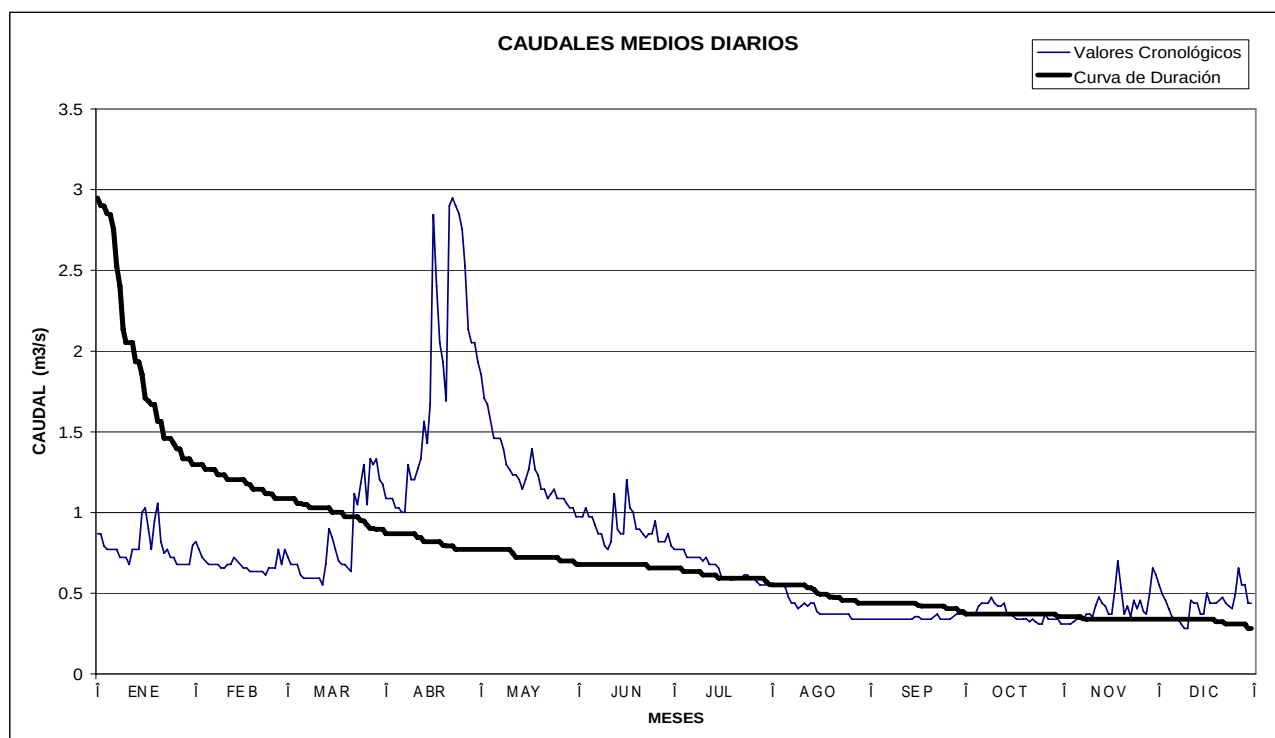
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H333	SAN LORENZO EN SAN LORENZO												Area Drenaje:108 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	0.870 *	0.820 *	0.771 *	1.175 *	1.934 *	0.975 *	0.795 *	0.552 *	0.340 *	0.372 *	0.310 *	0.615 *	
2	0.870 *	0.771 *	0.724 *	1.086 *	1.857 *	0.975 *	0.771 *	0.552 *	0.340 *	0.372 *	0.310 *	0.552 *	
3	0.795 *	0.724 *	0.679 *	1.086 *	1.707 *	0.975 *	0.771 *	0.552 *	0.340 *	0.372 *	0.310 *	0.494 *	
4	0.771 *	0.701 *	0.679 *	1.086 *	1.670 *	1.030 *	0.771 *	0.552 *	0.340 *	0.372 *	0.310 *	0.457 *	
5	0.771 *	0.679 *	0.679 *	1.030 *	1.565 *	0.975 *	0.771 *	0.552 *	0.340 *	0.372 *	0.325 *	0.406 *	
6	0.771 *	0.679 *	0.614 *	1.030 *	1.461 *	0.975 *	0.724 *	0.533 *	0.340 *	0.422 *	0.340 *	0.356 *	
7	0.771 *	0.679 *	0.593 *	1.002 *	1.461 *	0.922 *	0.724 *	0.476 *	0.340 *	0.439 *	0.340 *	0.340 *	
8	0.724 *	0.679 *	0.593 *	1.002 *	1.461 *	0.870 *	0.724 *	0.439 *	0.340 *	0.439 *	0.340 *	0.340 *	
9	0.724 *	0.657 *	0.593 *	1.298 *	1.394 *	0.870 *	0.724 *	0.439 *	0.340 *	0.439 *	0.372 *	0.310 *	
10	0.724 *	0.657 *	0.593 *	1.204 *	1.298 *	0.795 *	0.724 *	0.405 *	0.340 *	0.475 *	0.372 *	0.282 *	
11	0.679 *	0.679 *	0.593 *	1.204 *	1.267 *	0.771 *	0.701 *	0.422 *	0.340 *	0.439 *	0.356 *	0.282 *	
12	0.771 *	0.679 *	0.593 *	1.267 *	1.235 *	0.820 *	0.724 *	0.439 *	0.340 *	0.422 *	0.424 *	0.458 *	
13	0.771 *	0.724 *	0.552 *	1.333 *	1.235 *	1.117 *	0.679 *	0.422 *	0.340 *	0.422 *	0.476 *	0.439 *	
14	0.771 *	0.701 *	0.682 *	1.565 *	1.204 *	0.896 *	0.679 *	0.439 *	0.340 *	0.439 *	0.439 *	0.439 *	
15	1.002 *	0.679 *	0.900 *	1.429 *	1.145 *	0.870 *	0.679 *	0.439 *	0.340 *	0.372 *	0.422 *	0.372 *	
16	1.030 *	0.657 *	0.845 *	1.670 *	1.204 *	0.870 *	0.657 *	0.388 *	0.356 *	0.372 *	0.372 *	0.372 *	
17	0.900 *	0.657 *	0.772 *	2.846 *	1.267 *	1.204 *	0.593 *	0.372 *	0.356 *	0.356 *	0.372 *	0.503 *	
18	0.771 *	0.635 *	0.701 *	2.404 *	1.395 *	1.030 *	0.593 *	0.372 *	0.340 *	0.340 *	0.525 *	0.439 *	
19	0.950 *	0.635 *	0.679 *	2.053 *	1.266 *	1.002 *	0.593 *	0.372 *	0.340 *	0.340 *	0.701 *	0.439 *	
20	1.058 *	0.635 *	0.679 *	1.934 *	1.235 *	0.896 *	0.593 *	0.372 *	0.340 *	0.340 *	0.533 *	0.439 *	
21	0.820 *	0.635 *	0.657 *	1.691 *	1.145 *	0.896 *	0.593 *	0.372 *	0.340 *	0.341 *	0.372 *	0.457 *	
22	0.748 *	0.635 *	0.635 *	2.902 *	1.145 *	0.870 *	0.593 *	0.372 *	0.356 *	0.325 *	0.422 *	0.475 *	
23	0.771 *	0.614 *	1.117 *	2.949 *	1.086 *	0.845 *	0.593 *	0.372 *	0.372 *	0.340 *	0.356 *	0.439 *	
24	0.724 *	0.657 *	1.050 *	2.900 *	1.116 *	0.870 *	0.614 *	0.372 *	0.340 *	0.325 *	0.457 *	0.422 *	
25	0.724 *	0.657 *	1.179 *	2.852 *	1.145 *	0.870 *	0.614 *	0.372 *	0.340 *	0.310 *	0.406 *	0.405 *	
26	0.679 *	0.657 *	1.298 *	2.756 *	1.086 *	0.948 *	0.593 *	0.372 *	0.340 *	0.310 *	0.457 *	0.496 *	
27	0.679 *	0.772 *	1.050 *	2.524 *	1.086 *	0.820 *	0.593 *	0.340 *	0.340 *	0.372 *	0.388 *	0.657 *	
28	0.679 *	0.679 *	1.333 *	2.135 *	1.086 *	0.820 *	0.572 *	0.340 *	0.356 *	0.340 *	0.372 *	0.552 *	
29	0.679 *		1.298 *	2.053 *	1.058 *	0.820 *	0.552 *	0.340 *	0.372 *	0.340 *	0.494 *	0.553 *	
30	0.679 *		1.333 *	2.053 *	1.030 *	0.870 *	0.552 *	0.340 *	0.372 *	0.340 *	0.657 *	0.439 *	
31	0.797 *		1.204 *		1.030 *		0.552 *	0.340 *		0.340 *		0.439 *	
Caudal Max.	1.086 *	0.870 *	1.460 *	4.021 *	1.973 *	1.204 *	0.820 *	0.552 *	0.372 *	0.475 *	1.030 *	0.679 *	
Día	20	1	30	17	1	13	1	vv	vv	10	19	27	
Hora	6	18	18	18	6	6	6			6	18	6	
Caudal Mín.	0.679 *	0.593 *	0.552 *	0.975 *	1.030 *	0.771 *	0.552 *	0.340 *	0.340 *	0.310 *	0.310 *	0.282 *	
Día	vv	23	13	7	vv	11	vv	vv	vv	vv	vv	vv	
Hora		18	6	18		6							
Caudal Medio	0.789	0.680	0.828	1.784	1.299	0.915	0.658	0.420	0.346	0.374	0.411	0.441	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



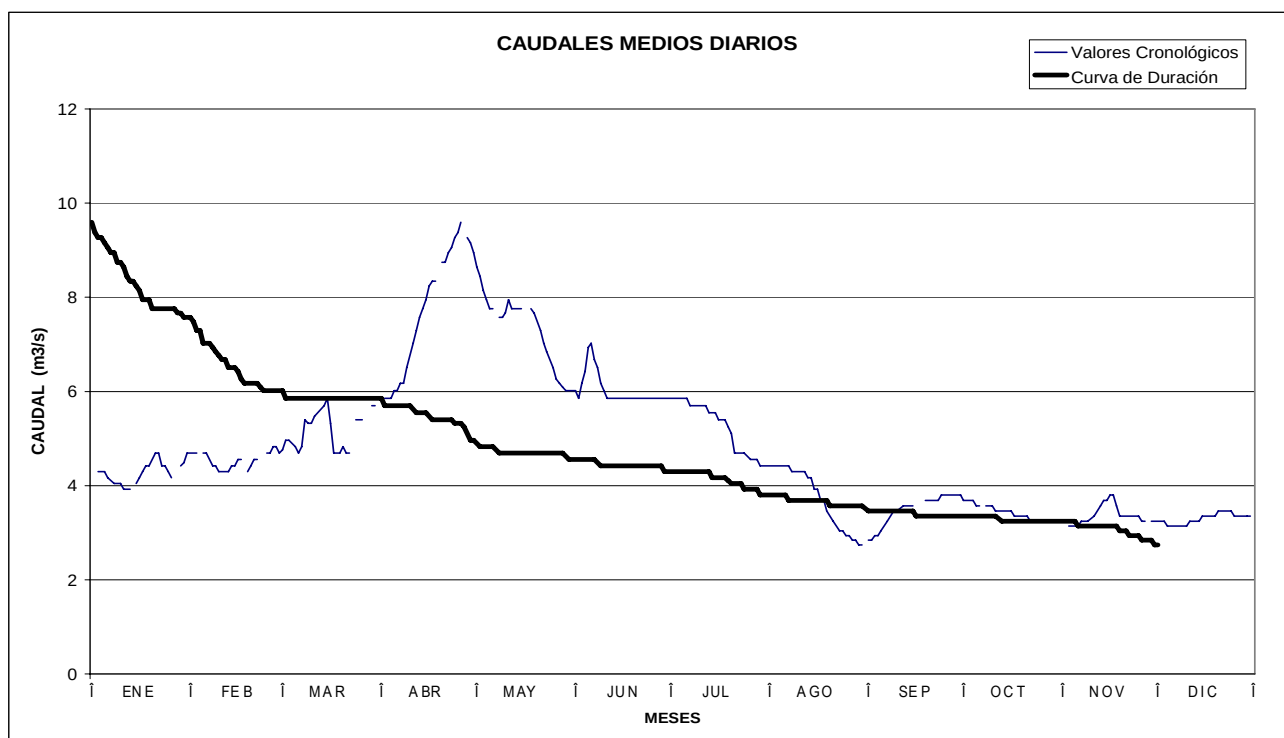
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H337	PANGOR AJ CHIMBO											Area Drenaje:282 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		4.691 *	4.691 *		8.952 *	6.017 *	5.859 *	4.425 *		3.806 *	3.247 *	3.247 *
2		4.691 *	4.759 *		8.643 *	6.017 *	5.859 *	4.425 *	2.842 *	3.689 *		3.247 *
3	4.296 *	4.691 *	4.967 *	5.859 *	8.442 *	5.859 *	5.859 *	4.425 *	2.842 *	3.689 *		3.247 *
4	4.296 *		4.967 *	5.859 *	8.145 *	6.178 *	5.859 *	4.425 *	2.940 *	3.689 *	3.142 *	3.247 *
5	4.296 *	4.691 *	4.897 *	5.859 *	7.951 *	6.426 *	5.859 *	4.425 *	2.940 *	3.689 *	3.142 *	3.142 *
6	4.170 *	4.691 *	4.827 *	6.017 *	7.760 *	6.939 *	5.859 *	4.425 *	3.040 *	3.575 *	3.142 *	3.142 *
7	4.108 *	4.557 *	4.691 *	6.017 *	7.760 *	7.027 *	5.859 *	4.425 *	3.142 *	3.575 *	3.142 *	3.142 *
8	4.046 *	4.425 *	4.829 *	6.178 *		6.679 *	5.703 *	4.425 *	3.247 *		3.247 *	3.142 *
9	4.046 *	4.425 *	5.400 *	6.178 *	7.572 *	6.509 *	5.703 *	4.296 *	3.354 *	3.575 *	3.247 *	3.142 *
10	4.046 *	4.296 *	5.327 *	6.509 *	7.572 *	6.178 *	5.703 *	4.296 *	3.464 *	3.575 *	3.247 *	3.142 *
11	3.925 *	4.296 *	5.327 *	6.765 *	7.669 *	6.017 *	5.703 *	4.296 *	3.464 *	3.575 *	3.301 *	3.142 *
12	3.925 *	4.296 *	5.475 *	7.027 *	7.951 *	5.859 *	5.703 *	4.296 *	3.519 *	3.464 *	3.354 *	3.247 *
13	3.925 *	4.296 *	5.550 *	7.297 *	7.760 *	5.859 *	5.703 *	4.296 *	3.575 *	3.464 *	3.464 *	3.247 *
14		4.425 *	5.627 *	7.572 *	7.760 *	5.859 *	5.550 *	4.170 *	3.575 *	3.464 *	3.575 *	3.247 *
15	4.046 *	4.425 *	5.703 *	7.760 *	7.760 *	5.859 *	5.550 *	4.170 *	3.575 *	3.464 *	3.689 *	3.247 *
16	4.170 *	4.557 *	5.859 *	7.951 *	7.760 *	5.859 *	5.550 *	3.925 *	3.575 *	3.464 *	3.689 *	3.354 *
17	4.296 *	4.557 *	5.327 *	8.243 *		5.859 *	5.400 *	3.925 *		3.464 *	3.806 *	3.354 *
18	4.425 *		4.691 *	8.342 *		5.859 *	5.400 *	3.689 *		3.354 *	3.806 *	3.354 *
19	4.425 *	4.296 *	4.691 *	8.342 *	7.760 *	5.859 *	5.400 *	3.689 *		3.354 *	3.575 *	3.354 *
20	4.557 *	4.425 *	4.691 *		7.666 *	5.859 *	5.253 *	3.464 *	3.689 *	3.354 *	3.354 *	3.354 *
21	4.691 *	4.557 *	4.827 *	8.745 *	7.480 *	5.859 *	5.108 *	3.354 *	3.689 *	3.354 *	3.354 *	3.464 *
22	4.691 *	4.557 *	4.691 *	8.745 *	7.297 *	5.859 *	4.691 *	3.247 *	3.689 *	3.354 *	3.354 *	3.464 *
23	4.425 *		4.691 *	8.952 *	7.027 *	5.859 *	4.691 *	3.142 *	3.689 *	3.247 *	3.354 *	3.464 *
24	4.425 *			9.057 *	6.851 *	5.859 *	4.691 *	3.040 *	3.689 *	3.247 *	3.354 *	3.464 *
25	4.296 *	4.691 *	5.400 *	9.268 *	6.679 *	5.859 *	4.691 *	3.040 *	3.806 *	3.247 *	3.354 *	3.464 *
26	4.170 *	4.691 *	5.400 *	9.375 *	6.509 *	5.859 *	4.624 *	2.940 *	3.806 *	3.247 *	3.354 *	3.354 *
27		4.827 *	5.400 *	9.591 *	6.260 *	5.859 *	4.557 *	2.940 *	3.806 *		3.247 *	3.354 *
28		4.827 *			6.178 *	5.859 *	4.557 *	2.842 *	3.806 *		3.247 *	3.354 *
29	4.425 *			9.268 *	6.098 *	5.859 *	4.557 *	2.842 *	3.806 *	3.247 *		3.354 *
30	4.491 *		5.703 *	9.162 *	6.017 *	5.859 *	4.425 *	2.746 *	3.806 *	3.247 *	3.247 *	3.354 *
31	4.691 *		5.703 *		6.017 *		4.425 *	2.746 *		3.247 *		3.354 *
Caudal Max. Día						7.027 *	5.859 *	4.425 *				3.464 *
Día						7						
Hora						7						
Caudal Mín. Día						5.859 *	4.425 *	2.746 *				3.142 *
Día												
Hora												
Caudal Medio	4.281	4.537	5.147	7.690	7.403	6.039	5.302	3.768	3.476	3.454	3.372	3.296

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



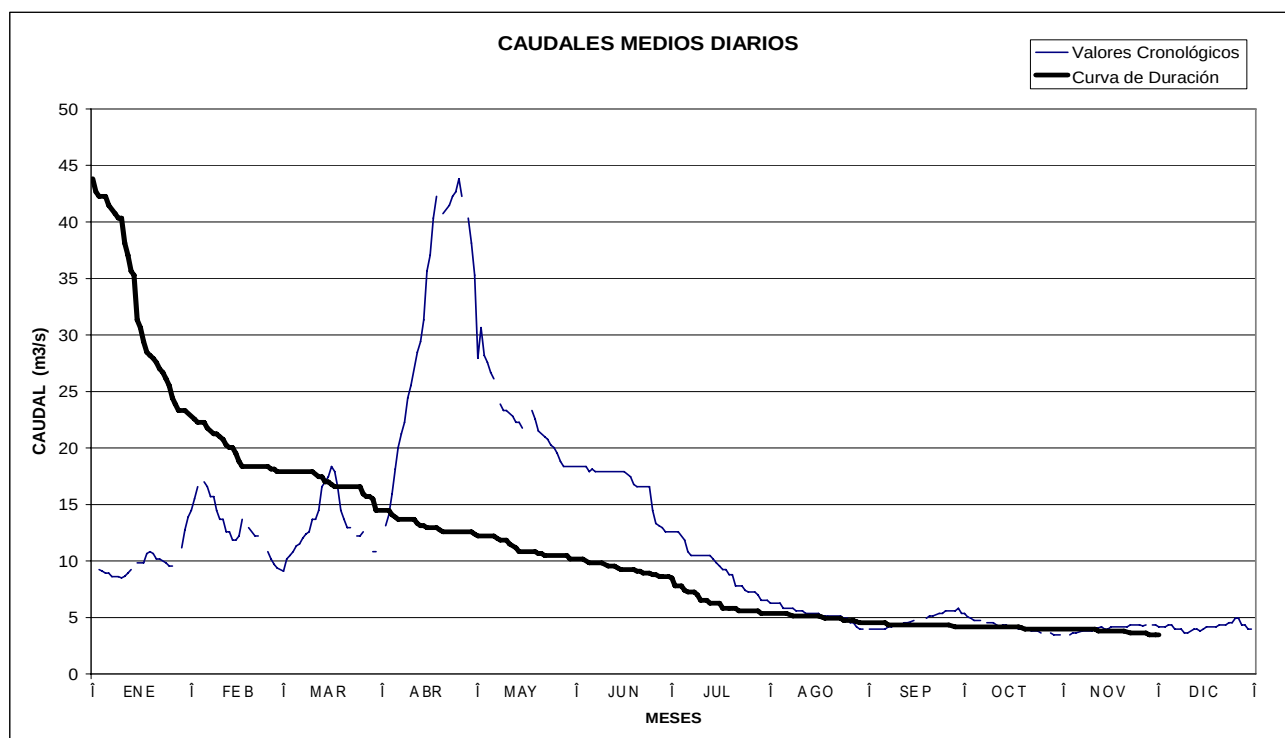
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H338	CHIMBO DJ PANGOR											Area Drenaje:1440 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		14.483 *	9.238 *		35.307 *	18.356 *	12.572 *	6.514 *		5.366 *	3.468 *	4.353 *
2		15.503 *	9.088 *		27.939 *	18.356 *	12.572 *	6.273 *	3.984 *	5.366 *		4.166 *
3	9.238 *	16.565 *	10.172 *	13.136 *	30.663 *	18.356 *	12.572 *	6.273 *	3.984 *	5.049 *		4.166 *
4	9.088 *		10.495 *	14.091 *	28.181 *	18.356 *	12.572 *	6.273 *	3.984 *	4.945 *	3.468 *	4.166 *
5	8.938 *	17.002 *	10.826 *	15.930 *	27.583 *	18.356 *	12.210 *	6.273 *	3.984 *	4.743 *	3.635 *	4.353 *
6	8.938 *	16.565 *	11.333 *	18.134 *	26.699 *	17.897 *	11.854 *	5.809 *	3.984 *	4.743 *	3.635 *	4.353 *
7	8.645 *	15.711 *	11.505 *	20.018 *	26.124 *	18.127 *	10.826 *	5.809 *	3.984 *	4.743 *	3.721 *	3.984 *
8	8.645 *	15.711 *	12.039 *	21.259 *		17.897 *	10.495 *	5.809 *	4.166 *		3.807 *	3.984 *
9	8.645 *	14.483 *	12.391 *	22.290 *	23.883 *	17.897 *	10.495 *	5.809 *	4.166 *	4.545 *	3.807 *	3.984 *
10	8.502 *	13.699 *	12.572 *	24.435 *	23.343 *	17.897 *	10.495 *	5.585 *	4.353 *	4.545 *	3.807 *	3.635 *
11	8.648 *	13.699 *	13.699 *	25.549 *	23.343 *	17.897 *	10.495 *	5.585 *	4.353 *	4.545 *	3.807 *	3.635 *
12	8.938 *	12.572 *	13.699 *	26.992 *	23.077 *	17.897 *	10.495 *	5.585 *	4.353 *	4.353 *	3.984 *	3.807 *
13	9.238 *	12.572 *	14.483 *	28.482 *	22.811 *	17.897 *	10.495 *	5.366 *	4.545 *	4.166 *	4.075 *	3.984 *
14		11.854 *	16.565 *	29.402 *	22.290 *	17.897 *	10.495 *	5.366 *	4.545 *	4.353 *	4.166 *	3.984 *
15	9.854 *	11.854 *	17.002 *	31.318 *	22.286 *	17.897 *	10.172 *	5.366 *	4.644 *	4.353 *	3.984 *	3.807 *
16	9.854 *	12.213 *	17.446 *	35.649 *	21.769 *	17.897 *	9.854 *	5.366 *	4.743 *	4.166 *	3.984 *	3.984 *
17	9.854 *	13.699 *	18.356 *	37.060 *		17.897 *	9.543 *	5.366 *		4.166 *	4.166 *	4.166 *
18	10.660 *		17.897 *	40.355 *		17.672 *	9.238 *	5.153 *		4.166 *	4.166 *	4.166 *
19	10.826 *	12.941 *	16.565 *	42.261 *	23.343 *	17.446 *	9.238 *	5.153 *		3.984 *	4.166 *	4.166 *
20	10.660 *	12.572 *	14.483 *		22.549 *	16.783 *	8.792 *	5.153 *	4.945 *	3.984 *	4.166 *	4.166 *
21	10.172 *	12.210 *	13.699 *	40.731 *	21.514 *	16.565 *	8.798 *	5.153 *	5.153 *	3.984 *	4.166 *	4.353 *
22	10.172 *	12.210 *	12.941 *	41.111 *	21.259 *	16.565 *	7.802 *	5.153 *	5.153 *	3.984 *	4.166 *	4.353 *
23	10.013 *		12.941 *	41.492 *	21.008 *	16.565 *	7.802 *	5.153 *	5.260 *	3.807 *	4.353 *	4.353 *
24	9.854 *			42.261 *	20.757 *	16.565 *	7.802 *	5.153 *	5.366 *	3.807 *	4.353 *	4.545 *
25	9.543 *	10.826 *	12.210 *	42.651 *	20.262 *	16.565 *	7.401 *	4.945 *	5.366 *	3.807 *	4.353 *	4.545 *
26	9.543 *	10.172 *	12.210 *	43.827 *	20.018 *	14.483 *	7.270 *	4.945 *	5.585 *	3.635 *	4.353 *	4.945 *
27		9.698 *	12.572 *	42.261 *	19.534 *	13.317 *	7.270 *	4.545 *	5.585 *		4.259 *	4.945 *
28		9.390 *			18.821 *	13.129 *	7.270 *	4.545 *	5.585 *		4.353 *	4.353 *
29	11.165 *			40.355 *	18.356 *	12.941 *	7.012 *	4.166 *	5.585 *	3.635 *		4.353 *
30	12.757 *		10.826 *	38.137 *	18.356 *	12.572 *	6.514 *	3.984 *	5.809 *	3.468 *	4.353 *	3.984 *
31	13.893 *		10.826 *		18.356 *		6.514 *	3.984 *		3.468 *		3.984 *
Caudal Max. Día Hora						18.356 *	12.572 *	6.514 *				4.945 *
						vv	vv	1				vv
								7				
Caudal Mín. Día Hora						12.572 *	6.514 *	3.984 *				3.635 *
						30	vv	vv				vv
						16						
Caudal Medio	9.857	13.259	13.146	31.507	23.194	16.931	9.579	5.342	4.737	4.281	4.027	4.184

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



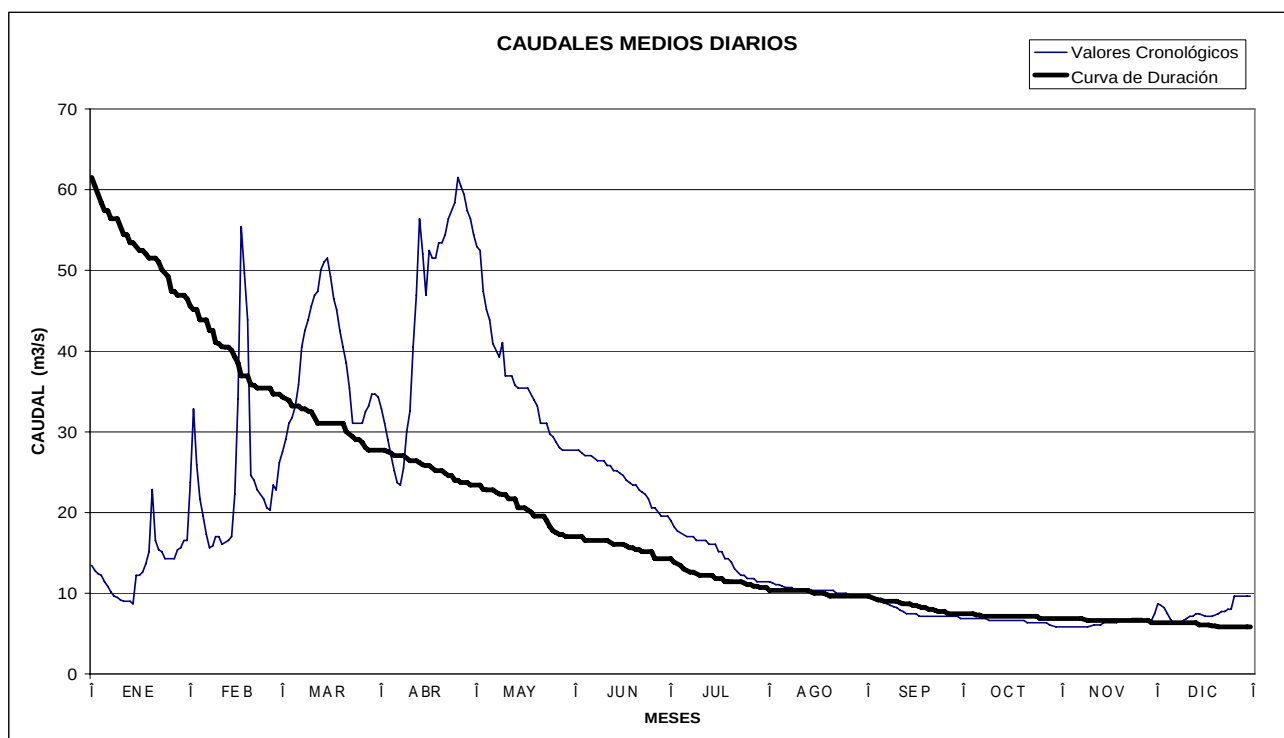
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H340	CHIMBO EN BUCAY											Area Drenaje:2280 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	13.443 *	23.716 *	26.161 *	34.301 *	54.409 *	27.723 *	19.539 *	11.459 *	9.665 *	6.892 *	5.839 *	7.463 *
2	12.828 *	32.874 *	27.540 *	32.845 *	52.956 *	27.723 *	19.020 *	11.459 *	9.665 *	6.892 *	5.839 *	8.677 *
3	12.428 *	25.935 *	29.037 *	31.078 *	52.475 *	27.723 *	18.259 *	11.272 *	9.328 *	6.892 *	5.839 *	8.519 *
4	12.229 *	21.700 *	31.078 *	29.042 *	47.376 *	27.401 *	17.761 *	11.085 *	9.164 *	6.892 *	5.839 *	8.208 *
5	11.459 *	19.543 *	31.782 *	27.084 *	45.161 *	27.080 *	17.514 *	11.085 *	8.999 *	6.892 *	5.839 *	7.463 *
6	10.902 *	17.280 *	33.205 *	25.210 *	43.875 *	27.080 *	17.272 *	10.902 *	8.999 *	6.892 *	5.839 *	6.755 *
7	10.185 *	15.628 *	35.806 *	23.707 *	40.925 *	27.080 *	17.029 *	10.719 *	8.838 *	6.892 *	5.839 *	6.352 *
8	9.665 *	15.878 *	40.517 *	23.413 *	40.108 *	26.763 *	17.029 *	10.719 *	8.677 *	6.892 *	5.839 *	6.352 *
9	9.497 *	17.029 *	42.589 *	25.522 *	39.302 *	26.446 *	17.029 *	10.719 *	8.519 *	6.892 *	5.839 *	6.352 *
10	9.164 *	17.029 *	43.864 *	30.057 *	41.051 *	26.446 *	16.553 *	10.360 *	8.362 *	6.619 *	5.839 *	6.619 *
11	8.999 *	16.084 *	45.599 *	32.563 *	36.942 *	26.446 *	16.553 *	10.360 *	8.208 *	6.619 *	5.965 *	6.892 *
12	8.999 *	16.318 *	46.926 *	40.547 *	36.942 *	25.821 *	16.553 *	10.360 *	7.904 *	6.619 *	6.092 *	7.172 *
13	8.999 *	16.553 *	47.376 *	46.947 *	36.942 *	25.821 *	16.553 *	10.360 *	7.753 *	6.619 *	6.092 *	7.172 *
14	8.677 *	17.033 *	50.118 *	56.387 *	35.796 *	25.206 *	16.084 *	10.360 *	7.459 *	6.619 *	6.092 *	7.459 *
15	12.229 *	22.302 *	51.054 *	52.031 *	35.418 *	25.206 *	16.084 *	10.360 *	7.459 *	6.619 *	6.352 *	7.459 *
16	12.229 *	34.107 *	51.524 *	46.926 *	35.418 *	24.902 *	16.084 *	10.360 *	7.459 *	6.619 *	6.352 *	7.316 *
17	12.630 *	55.398 *	49.225 *	52.480 *	35.418 *	24.599 *	15.171 *	10.360 *	7.459 *	6.619 *	6.352 *	7.172 *
18	13.653 *	49.659 *	46.482 *	51.524 *	35.418 *	24.001 *	15.171 *	10.360 *	7.172 *	6.619 *	6.352 *	7.172 *
19	15.171 *	43.875 *	45.161 *	51.524 *	34.670 *	23.707 *	14.291 *	10.360 *	7.172 *	6.619 *	6.352 *	7.172 *
20	22.851 *	24.599 *	42.589 *	53.437 *	33.933 *	23.413 *	14.291 *	10.360 *	7.172 *	6.619 *	6.619 *	7.316 *
21	16.553 *	24.001 *	40.517 *	53.437 *	33.205 *	23.413 *	13.867 *	10.360 *	7.172 *	6.619 *	6.619 *	7.459 *
22	15.398 *	22.833 *	38.505 *	54.409 *	31.078 *	22.833 *	13.034 *	10.360 *	7.172 *	6.352 *	6.619 *	7.753 *
23	15.171 *	22.262 *	35.422 *	56.387 *	31.078 *	22.548 *	12.626 *	10.009 *	7.172 *	6.352 *	6.619 *	7.753 *
24	14.291 *	21.700 *	31.078 *	57.397 *	31.078 *	22.262 *	12.229 *	10.009 *	7.172 *	6.352 *	6.892 *	8.054 *
25	14.291 *	20.602 *	31.078 *	58.407 *	29.708 *	21.700 *	12.229 *	10.009 *	7.172 *	6.352 *	6.892 *	8.054 *
26	14.291 *	20.334 *	31.078 *	61.520 *	29.372 *	20.602 *	11.840 *	10.009 *	7.172 *	6.352 *	6.892 *	9.665 *
27	14.291 *	23.417 *	31.078 *	60.471 *	28.706 *	20.602 *	11.840 *	9.837 *	7.172 *	6.352 *	6.892 *	9.665 *
28	15.398 *	22.833 *	32.486 *	59.439 *	28.049 *	20.066 *	11.840 *	9.665 *	7.172 *	6.352 *	6.619 *	9.665 *
29	15.624 *		33.205 *	57.397 *	27.723 *	19.539 *	11.459 *	9.665 *	7.172 *	6.092 *	6.619 *	9.665 *
30	16.553 *		34.670 *	56.387 *	27.723 *	19.539 *	11.459 *	9.665 *	7.172 *	5.965 *	6.619 *	9.665 *
31	16.553 *		34.670 *		27.723 *		11.459 *	9.665 *		5.839 *		9.665 *
Caudal Max.	24.001 *	56.387 *	51.524 *	61.520 *	54.409 *	27.723 *	19.539 *	11.459 *	9.665 *	6.892 *	6.892 *	9.665 *
Día	20	17	16	26	1	vv	1	vv	vv	vv	vv	vv
Hora	7	7	7	7	7		7					
Caudal Mín.	8.677 *	14.727 *	24.001 *	23.413 *	27.723 *	19.539 *	11.459 *	9.665 *	7.172 *	5.839 *	5.839 *	6.352 *
Día	14	8	2	8	vv	vv	vv	vv	vv	31	vv	vv
Hora	7	7	18	18						7		
Caudal Medio	13.053	24.304	38.433	44.729	36.773	24.456	15.088	10.408	7.905	6.575	6.276	7.810

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



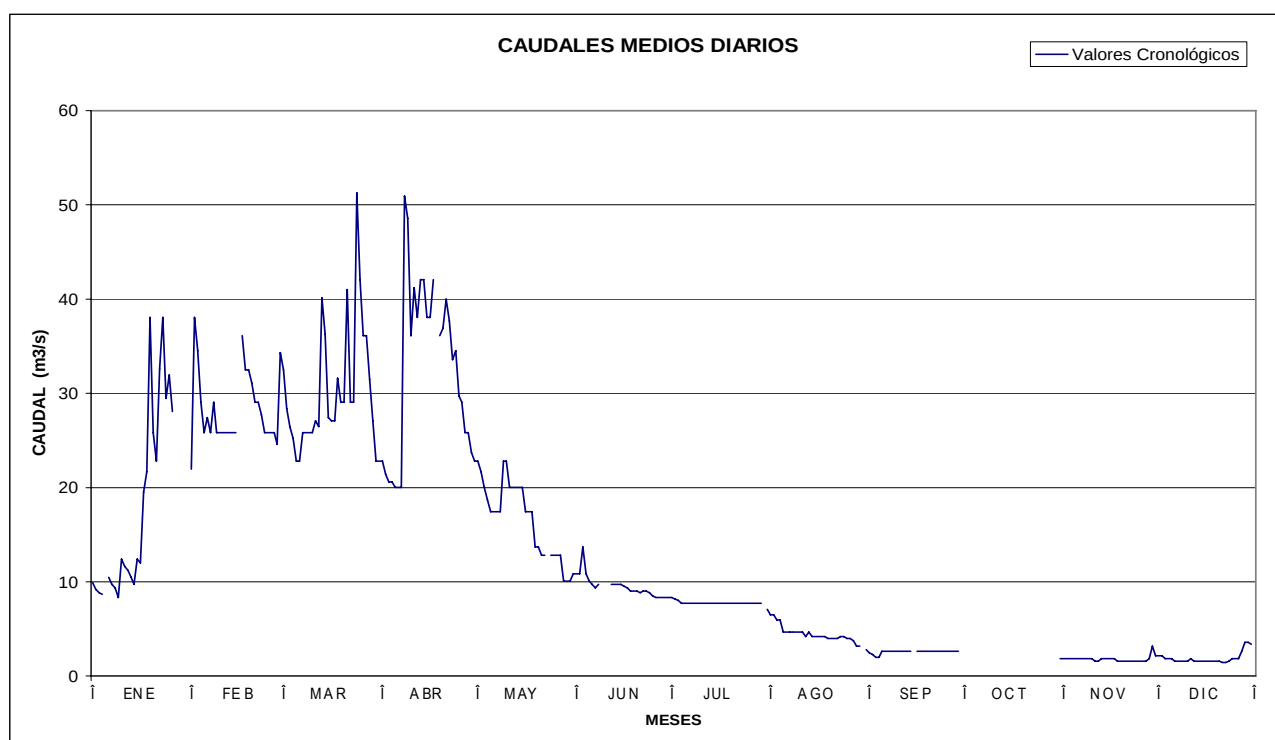
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H343	ECHEANDIA EN ECHEANDIA											Area Drenaje:382 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	9.903 *	21.962 *	34.310 *	22.822 *	22.822 *	10.832 *	8.344 *	7.085 *	2.800 *		1.844 *	2.138 *
2	9.199 *	38.072 *	32.484 *	22.822 *	22.822 *	10.832 *	8.344 *	6.498 *	2.456 *		1.844 *	2.138 *
3	8.848 *	34.529 *	28.389 *	21.422 *	21.678 *	10.832 *	8.182 *	6.498 *	2.294 *		1.844 *	2.138 *
4	8.681 *	29.050 *	26.457 *	20.582 *	20.022 *	13.691 *	8.019 *	5.940 *	1.988 *		1.844 *	1.844 *
5		25.831 *	25.212 *	20.582 *	18.700 *	10.832 *	7.700 *	5.940 *	1.988 *		1.844 *	1.844 *
6	10.458 *	27.440 *	22.822 *	20.022 *	17.427 *	10.084 *	7.700 *	4.667 *	2.625 *		1.844 *	1.844 *
7	9.725 *	25.831 *	22.822 *	20.022 *	17.427 *	9.721 *	7.700 *	4.667 *	2.625 *		1.844 *	1.575 *
8	9.366 *	29.050 *	25.831 *	20.022 *	17.427 *	9.366 *	7.700 *	4.667 *	2.625 *		1.844 *	1.575 *
9	8.344 *	25.831 *	25.831 *	50.931 *	17.427 *	9.721 *	7.700 *	4.667 *	2.625 *		1.844 *	1.575 *
10	12.424 *	25.831 *	25.831 *	48.540 *	22.822 *		7.700 *	4.667 *	2.625 *		1.844 *	1.575 *
11	11.615 *	25.831 *	25.831 *	36.136 *	22.822 *		7.700 *	4.667 *	2.625 *		1.844 *	1.575 *
12	11.218 *	25.831 *	27.093 *	41.223 *	20.022 *		7.700 *	4.667 *	2.625 *		1.575 *	1.844 *
13	10.454 *	25.831 *	26.462 *	38.072 *	20.022 *	9.721 *	7.700 *	4.205 *	2.625 *		1.575 *	1.575 *
14	9.721 *	25.831 *	40.120 *	42.056 *	20.022 *	9.721 *	7.700 *	4.667 *	2.625 *		1.844 *	1.575 *
15	12.424 *	25.831 *	36.246 *	42.056 *	20.022 *	9.721 *	7.700 *	4.205 *	2.625 *		1.844 *	1.575 *
16	12.011 *		27.440 *	38.072 *	20.022 *	9.721 *	7.700 *	4.205 *			1.844 *	1.575 *
17	19.491 *	36.136 *	27.093 *	38.072 *	17.427 *	9.544 *	7.700 *	4.205 *	2.625 *		1.844 *	1.575 *
18	21.678 *	32.484 *	27.093 *	42.056 *	17.427 *	9.366 *	7.700 *	4.205 *	2.625 *		1.844 *	1.575 *
19	38.072 *	32.484 *	31.614 *		17.427 *	9.018 *	7.700 *	4.205 *	2.625 *		1.575 *	1.575 *
20	25.831 *	31.085 *	29.050 *	36.136 *	13.691 *	9.018 *	7.700 *	3.985 *	2.625 *		1.575 *	1.575 *
21	22.822 *	29.050 *	29.050 *	36.897 *	13.691 *	9.018 *	7.700 *	3.985 *	2.625 *		1.575 *	1.575 *
22	32.593 *	29.050 *	41.013 *	40.008 *	12.836 *	8.848 *	7.700 *	3.985 *	2.625 *		1.575 *	1.449 *
23	38.072 *	27.737 *	29.050 *	37.658 *	12.836 *	9.018 *	7.700 *	3.985 *	2.625 *		1.575 *	1.449 *
24	29.479 *	25.831 *	29.050 *	33.566 *		9.018 *	7.700 *	4.205 *	2.625 *		1.575 *	1.575 *
25	31.936 *	25.831 *	51.284 *	34.529 *	12.836 *	8.848 *	7.700 *	4.205 *	2.625 *		1.575 *	1.844 *
26	28.071 *	25.831 *	42.056 *	29.724 *	12.836 *	8.511 *	7.700 *	3.985 *	2.625 *		1.575 *	1.844 *
27		25.831 *	36.136 *	29.050 *	12.836 *	8.344 *	7.700 *	3.985 *	2.625 *		1.575 *	1.844 *
28		24.602 *	36.136 *	25.831 *	12.836 *	8.344 *	7.700 *	3.771 *	2.625 *		1.575 *	2.625 *
29			31.441 *	25.831 *	10.084 *	8.344 *	7.700 *	3.169 *	2.625 *		1.844 *	3.563 *
30			27.110 *	23.712 *	10.084 *	8.344 *	7.700 *	3.169 *	2.625 *		3.169 *	3.563 *
31			22.822 *		10.084 *						3.363 *	
Caudal Max.			73.518 *								3.168 *	3.563 *
Día			25								30	vv
Hora			17								17	
Caudal Min.			22.822 *								1.574 *	1.449 *
Día			vv								23	vv
Hora											17	
Caudal Medio	17.697	28.094	30.425	32.360	16.948	9.570	7.770	4.565	2.569		1.780	1.902

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



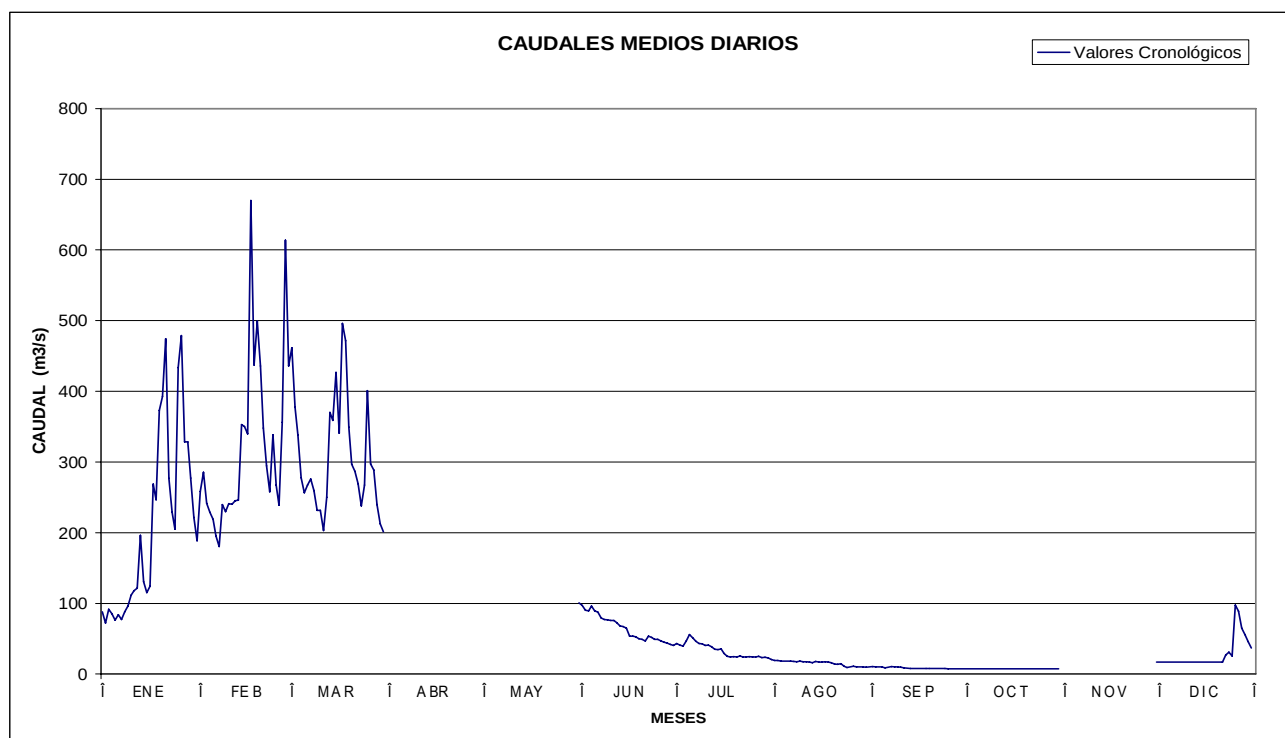
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H346	ZAPOTAL EN LECHUGAL											Area Drenaje:2980 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	88.373 *	258.615 *	435.816 *			100.732 *	40.212	20.310	10.335	7.664 *		17.121 *
2	71.933 *	285.609 *	461.584 *			96.817 *	43.319	19.344	10.550	7.664 *		17.121 *
3	91.785 *	241.713 *	377.216 *			90.283 *	40.791	19.339	9.990	7.664 *		17.121 *
4	85.345 *	228.823 *	338.172 *			89.645 *	39.657	18.476	9.961	7.664 *		17.121 *
5	76.349 *	219.010 *	277.831 *			96.148 *	47.082	18.440	10.097	7.664 *		17.121 *
6	84.028 *	195.349 *	256.690 *			89.645 *	55.833	18.416	8.567	7.664 *		17.121 *
7	77.233 *	180.483 *	267.118 *			87.738 *	51.504	18.174	9.415	7.664 *		17.121 *
8	88.373 *	239.841 *	276.324 *			79.659 *	46.501	17.864	10.761	7.664 *		17.121 *
9	96.209 *	229.728 *	259.524 *			77.233 *	43.502	17.485	10.142	7.664 *		17.121 *
10	111.656 *	241.282 *	231.547 *			76.629 *	42.518	18.137	10.179	7.664 *		17.121 *
11	117.903 *	240.321 *	231.547 *			76.030 *	40.714	17.338	9.475	7.664 *		17.121 *
12	121.536 *	245.359 *	203.130 *			76.030 *	40.800	17.386	8.751 *	7.664 *		17.121 *
13	196.472 *	246.292 *	250.259 *			72.507 *	38.553	16.783	8.476 *	7.664 *		17.121 *
14	130.400 *	353.010 *	370.120 *			68.385 *	34.909	16.336	8.201 *	7.664 *		17.121 *
15	115.088 *	350.403 *	358.835 *			67.236 *	34.407	17.759	8.201 *	7.664 *		17.121 *
16	124.182 *	340.194 *	426.949 *			64.964 *	35.650	17.151	8.201 *	7.664 *		17.121 *
17	269.015 *	669.722 *	340.720 *			53.454	29.088	17.196	8.201 *	7.664 *		17.121 *
18	246.583 *	437.038 *	496.025 *			53.668	24.929	17.484	8.201 *	7.664 *		17.121 *
19	373.053 *	499.298 *	471.292 *			52.961	24.411	16.673	8.201 *	7.664 *		17.121 *
20	392.850 *	435.859 *	349.317 *			50.197	24.553	16.082	8.201 *	7.664 *		17.121 *
21	474.503 *	348.278 *	296.558 *			49.273	24.388	14.173	8.201 *	7.664 *		17.121 *
22	276.901 *	294.582 *	286.933 *			46.827	25.707	13.787	8.201 *	7.664 *		17.121 *
23	228.823 *	257.604 *	269.327 *			53.881	24.418	14.449	8.201 *	7.664 *		26.870 *
24	204.917 *	338.616 *	238.022 *			51.774	24.039	11.062	8.201 *	7.664 *		31.108 *
25	433.591 *	267.123 *	267.118 *			49.054	24.556	9.330	8.201 *	7.664 *		25.660 *
26	479.018 *	238.957 *	400.740 *			49.137	24.035	10.118	7.664 *	7.664 *		97.461 *
27	328.312 *	355.909 *	297.567 *			47.038	24.140	11.229	7.664 *	7.664 *		88.681 *
28	328.411 *	613.996 *	288.801 *			44.782	24.869	10.234	7.664 *	7.664 *		64.964 *
29	277.261 *		239.865 *			43.562	23.565	10.215	7.664 *	7.664 *		56.160 *
30	221.677 *		212.720 *			41.893	23.908	10.018	7.664 *	7.664 *		45.846 *
31	188.510 *		201.421 *				23.061	9.696		7.664 *		36.791 *
Caudal Max.	688.640 *	810.309 *	506.954 *			102.068 *	56.731	21.499	11.694	7.664 *		102.068 *
Día	25	17	19			2	6	1	8	vv		26
Hora	7	7	7			7	1	21	18			17
Caudal Mín.	64.961 *	163.905 *	193.642 *			33.356 *	21.499	8.201	7.664 *	7.664 *		17.121 *
Día	5	7	31			29	31	25	vv	vv		vv
Hora	7	7	17			17	17	17				
Caudal Medio	206.461	316.179	312.229			66.573	33.730	15.499	8.781	7.664		27.426

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

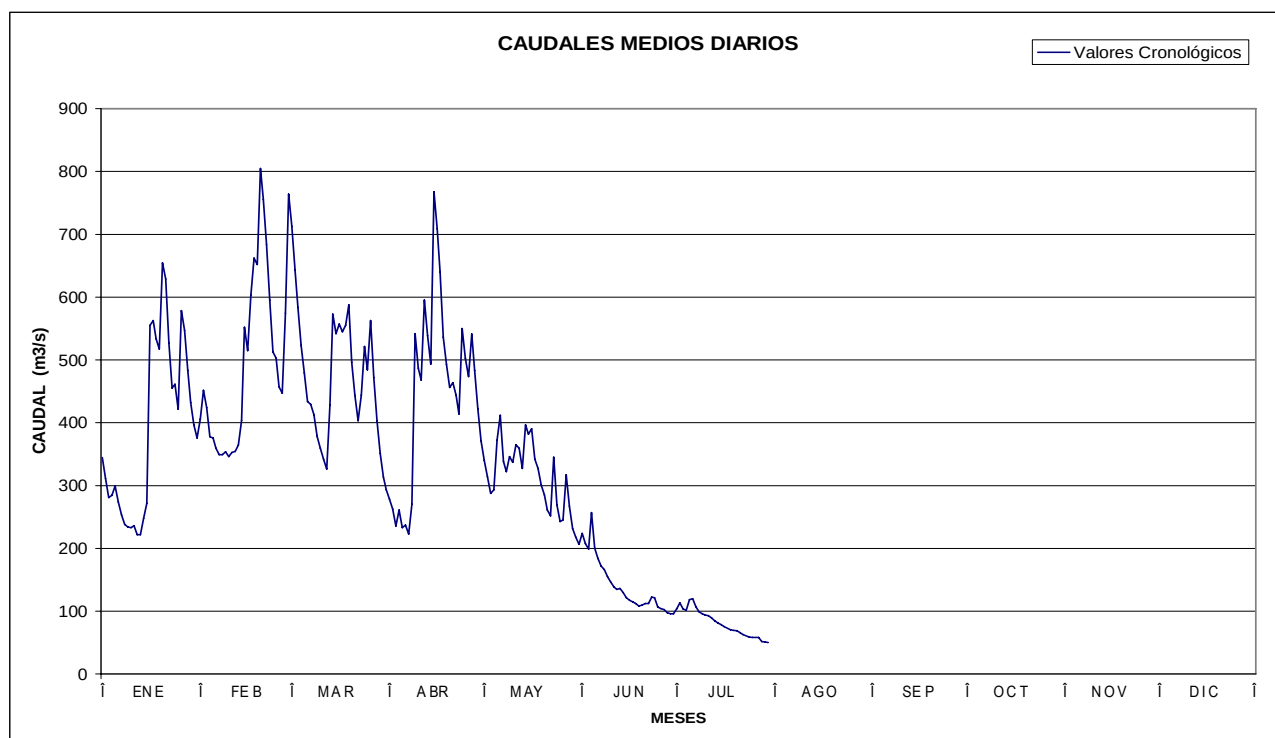


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H348	VINCES EN VINCES-DCP											Area Drenaje:4400 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	344.312 *	405.609 *	763.789 *	292.956 *	371.365 *	206.381 *	95.697 *					
2	311.779 *	451.512 *	712.078 *	278.456 *	340.144 *	223.815 *	103.747 *					
3	280.719 *	423.708 *	643.015 *	262.822 *	314.149 *	207.719 *	113.047 *					
4	284.589 *	377.394 *	583.537 *	235.566 *	287.589 *	199.244 *	103.727 *					
5	299.173 *	375.662 *	522.678 *	261.344 *	292.965 *	257.003 *	101.364 *					
6	273.938 *	359.385 *	479.232 *	232.777 *	372.252 *	200.523 *	118.605 *					
7	253.342 *	349.271 *	433.793 *	236.975 *	411.926 *	183.949 *	120.156 *					
8	238.370 *	349.271 *	429.189 *	223.130 *	338.507 *	171.639 *	107.613 *					
9	234.164 *	353.467 *	412.838 *	270.098 *	322.168 *	166.236 *	98.971 *					
10	232.777 *	345.931 *	378.266 *	541.869 *	345.938 *	155.097 *	95.697 *					
11	236.270 *	352.627 *	359.385 *	486.959 *	336.826 *	146.531 *	93.852 *					
12	221.766 *	354.324 *	341.814 *	467.746 *	365.372 *	138.747 *	92.938 *					
13	221.774 *	364.498 *	326.246 *	595.126 *	359.424 *	134.926 *	89.313 *					
14	247.602 *	403.809 *	428.331 *	538.427 *	327.012 *	136.010 *	84.874 *					
15	271.738 *	552.202 *	572.917 *	493.090 *	396.678 *	129.561 *	81.398 *					
16	555.050 *	514.894 *	541.845 *	767.397 *	381.735 *	121.689 *	78.410 *					
17	562.482 *	602.985 *	557.278 *	708.650 *	390.504 *	117.071 *	75.475 *					
18	533.686 *	661.924 *	544.921 *	640.034 *	341.781 *	115.047 *	72.997 *					
19	517.583 *	652.012 *	555.264 *	535.873 *	327.023 *	112.043 *	70.561 *					
20	654.203 *	804.948 *	587.711 *	492.834 *	300.747 *	108.090 *	69.755 *					
21	628.683 *	755.488 *	496.758 *	456.223 *	285.275 *	110.060 *	68.957 *					
22	526.771 *	683.378 *	443.293 *	463.822 *	261.344 *	112.043 *	65.799 *					
23	455.282 *	595.267 *	402.911 *	444.110 *	251.910 *	112.060 *	62.708 *					
24	461.090 *	512.553 *	444.032 *	413.732 *	345.121 *	122.204 *	60.810 *					
25	421.353 *	502.740 *	521.570 *	550.046 *	269.536 *	121.200 *	58.939 *					
26	578.177 *	457.173 *	484.017 *	502.655 *	242.613 *	106.630 *	58.198 *					
27	547.001 *	446.815 *	562.471 *	473.428 *	245.070 *	104.206 *	58.198 *					
28	483.156 *	574.319 *	471.720 *	540.924 *	317.438 *	102.287 *	58.200 *					
29	432.012 *		403.122 *	483.220 *	267.278 *	97.561 *	51.760 *					
30	396.696 *		350.992 *	421.914 *	231.474 *	95.697 *	51.377 *					
31	375.651 *		313.407 *		217.734 *		49.990 *					
Caudal Max.	676.488 *	811.073 *	769.769 *	776.986 *	420.948 *	264.276 *	123.240 *					
Día	20	20	1	16	7	5	7					
Hora	18	7	7	7	7	7	7					
Caudal Mín.	219.054 *	345.931 *	303.851 *	221.766 *	212.339 *	95.697 *	48.961 *					
Día	13	10	31	8	31	30	29					
Hora	7	18	18	18	18	18	18					
Caudal Medio	389.716	485.113	486.078	443.740	318.029	143.842	81.069					

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

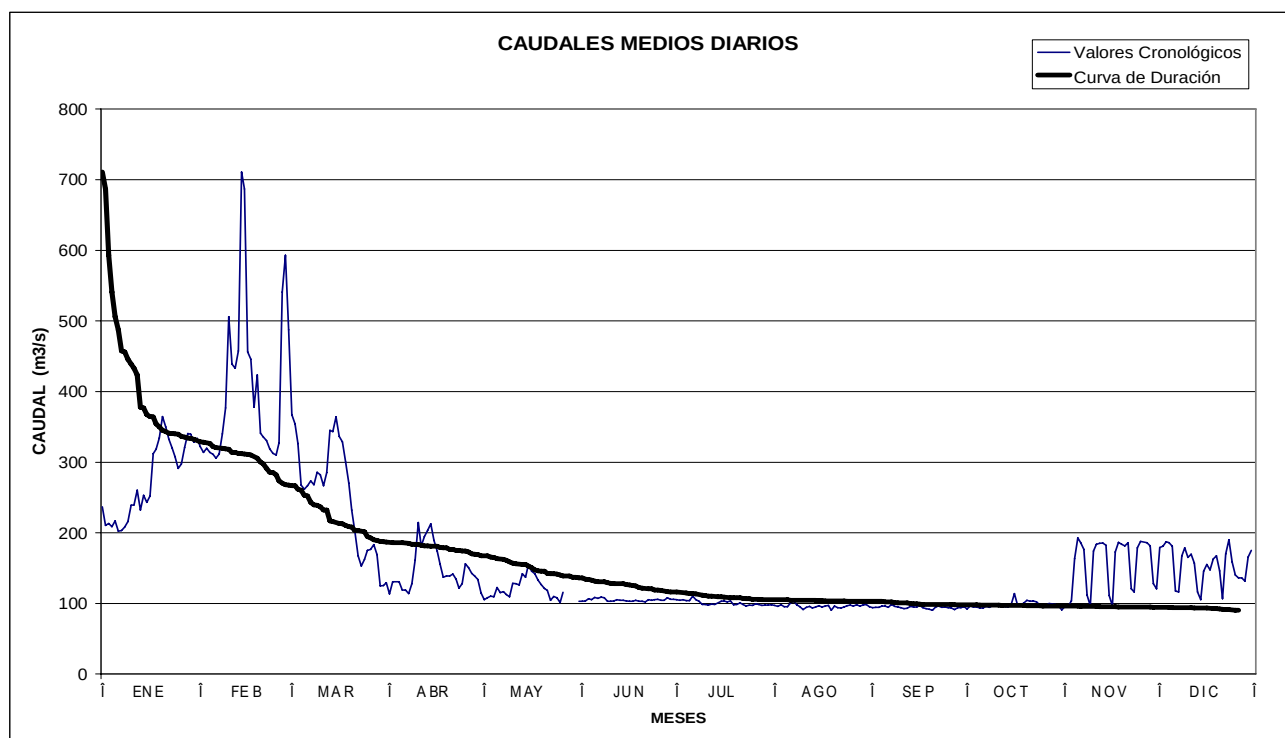


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H363	DAULE EN BALZAR											Area Drenaje:5580 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	236.744 *	322.122 *	487.036 *	129.625 *	114.693 *	103.081 *	105.619 *	98.080 *	95.321 *	95.311 *	90.764 *	120.686 *
2	210.419 *	313.798 *	367.414 *	113.390 *	105.332 *	103.083 *	105.300 *	97.151 *	94.094 *	92.287 *	95.919 *	179.119 *
3	213.444 *	319.639 *	354.356 *	130.577 *	108.181 *	103.713 *	104.664 *	95.921 *	94.392 *	96.229 *	96.229 *	181.101 *
4	208.586 *	313.798 *	326.588 *	130.606 *	110.443 *	106.903 *	105.300 *	98.080 *	94.390 *	94.696 *	103.401 *	187.642 *
5	216.646 *	310.855 *	267.310 *	130.923 *	109.508 *	105.301 *	104.031 *	95.321 *	96.535 *	95.007 *	163.552 *	186.189 *
6	202.010 *	305.951 *	261.837 *	119.019 *	122.702 *	108.504 *	104.029 *	95.338 *	96.227 *	93.481 *	192.981 *	180.792 *
7	203.205 *	311.769 *	266.831 *	119.045 *	115.075 *	107.219 *	110.119 *	100.585 *	94.390 *	93.210 *	186.057 *	117.826 *
8	207.918 *	340.048 *	273.313 *	113.721 *	116.781 *	109.149 *	105.301 *	102.765 *	98.698 *	95.919 *	176.236 *	116.396 *
9	216.179 *	376.636 *	267.867 *	128.159 *	112.438 *	108.181 *	103.087 *	98.078 *	95.919 *	94.392 *	111.579 *	167.583 *
10	238.746 *	505.822 *	285.912 *	161.011 *	109.474 *	103.087 *	98.725 *	95.306 *	95.007 *	96.842 *	96.842 *	178.630 *
11	239.625 *	438.730 *	282.249 *	214.394 *	128.677 *	103.081 *	98.698 *	91.067 *	94.089 *	97.459 *	174.491 *	165.166 *
12	259.989 *	432.830 *	266.800 *	180.790 *	128.165 *	103.715 *	97.769 *	94.392 *	92.569 *	97.154 *	183.739 *	169.798 *
13	232.296 *	457.541 *	285.378 *	194.591 *	126.113 *	105.301 *	99.017 *	95.921 *	93.184 *	96.227 *	185.170 *	156.976 *
14	253.145 *	710.615 *	345.180 *	203.150 *	142.217 *	104.347 *	98.700 *	93.210 *	95.921 *	95.619 *	185.675 *	116.441 *
15	243.331 *	686.768 *	343.083 *	212.845 *	136.950 *	104.665 *	100.881 *	95.003 *	94.699 *	94.699 *	182.385 *	105.332 *
16	252.367 *	456.198 *	364.175 *	189.315 *	154.972 *	103.398 *	102.766 *	96.844 *	95.019 *	98.410 *	111.175 *	145.496 *
17	311.877 *	445.685 *	336.721 *	173.978 *	145.467 *	103.083 *	103.396 *	94.696 *	97.150 *	114.061 *	96.654 *	155.131 *
18	318.236 *	377.819 *	328.386 *	155.720 *	142.207 *	103.081 *	102.135 *	96.535 *	94.086 *	97.154 *	172.756 *	147.486 *
19	334.246 *	423.462 *	300.273 *	136.965 *	133.012 *	104.353 *	103.398 *	96.848 *	92.569 *	98.080 *	186.426 *	162.861 *
20	364.646 *	341.156 *	270.392 *	139.025 *	126.484 *	102.766 *	98.096 *	90.462 *	91.962 *	100.902 *	183.629 *	167.659 *
21	349.815 *	335.567 *	232.113 *	139.167 *	121.378 *	103.083 *	98.698 *	96.538 *	90.462 *	104.349 *	181.476 *	146.036 *
22	332.122 *	330.532 *	201.525 *	141.632 *	118.345 *	102.452 *	100.567 *	93.787 *	95.007 *	102.766 *	185.768 *	106.592 *
23	320.127 *	318.623 *	167.213 *	134.455 *	104.665 *	104.982 *	98.388 *	93.210 *	96.229 *	103.715 *	120.803 *	170.077 *
24	308.021 *	312.287 *	153.185 *	121.690 *	109.799 *	104.687 *	96.227 *	95.007 *	94.396 *	102.452 *	116.019 *	190.169 *
25	291.089 *	310.337 *	162.572 *	128.159 *	107.882 *	105.009 *	97.772 *	96.844 *	94.696 *	98.084 *	178.920 *	158.979 *
26	297.267 *	327.529 *	175.176 *	156.080 *	101.195 *	105.625 *	96.848 *	97.769 *	94.086 *	98.078 *	187.935 *	140.109 *
27	320.707 *	540.786 *	176.658 *	150.546 *	115.683 *	104.687 *	99.319 *	96.535 *	93.499 *	97.159 *	186.891 *	135.885 *
28	340.555 *	592.844 *	183.396 *	142.566 *		104.665 *	98.698 *	98.080 *	91.371 *	99.948 *	186.095 *	136.278 *
29	339.584 *		169.443 *	138.995 *		108.181 *	97.150 *	96.229 *	94.100 *	99.319 *	181.516 *	131.758 *
30	328.186 *		124.783 *	134.073 *		105.625 *	97.768 *	97.465 *	94.089 *	98.391 *	127.681 *	165.637 *
31	333.613 *		125.436 *				97.777 *	98.391 *		96.535 *		174.938 *
Caudal Max.	371.910 *	718.710 *	510.289 *	225.019 *		110.118 *	110.767 *	103.712 *	99.318 *	118.003 *	216.500 *	216.500 *
Día	20	15	1	15		8	7	7	8	17	29	6
Hora	7	7	7	7		7	7	18	7	7	7	7
Caudal Min.	179.000 *	298.687 *	119.338 *	110.767 *		101.192 *	95.000 *	88.962 *	88.962 *	88.962 *	88.962 *	101.192 *
Día	6	6	30	2		22	10	23	28	2	17	15
Hora	18	18	18	18		7	18	7	7	7	7	18
Caudal Medio	274.991	402.134	262.987	148.807	121.031	104.834	100.975	96.176	94.472	97.998	154.292	153.702

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

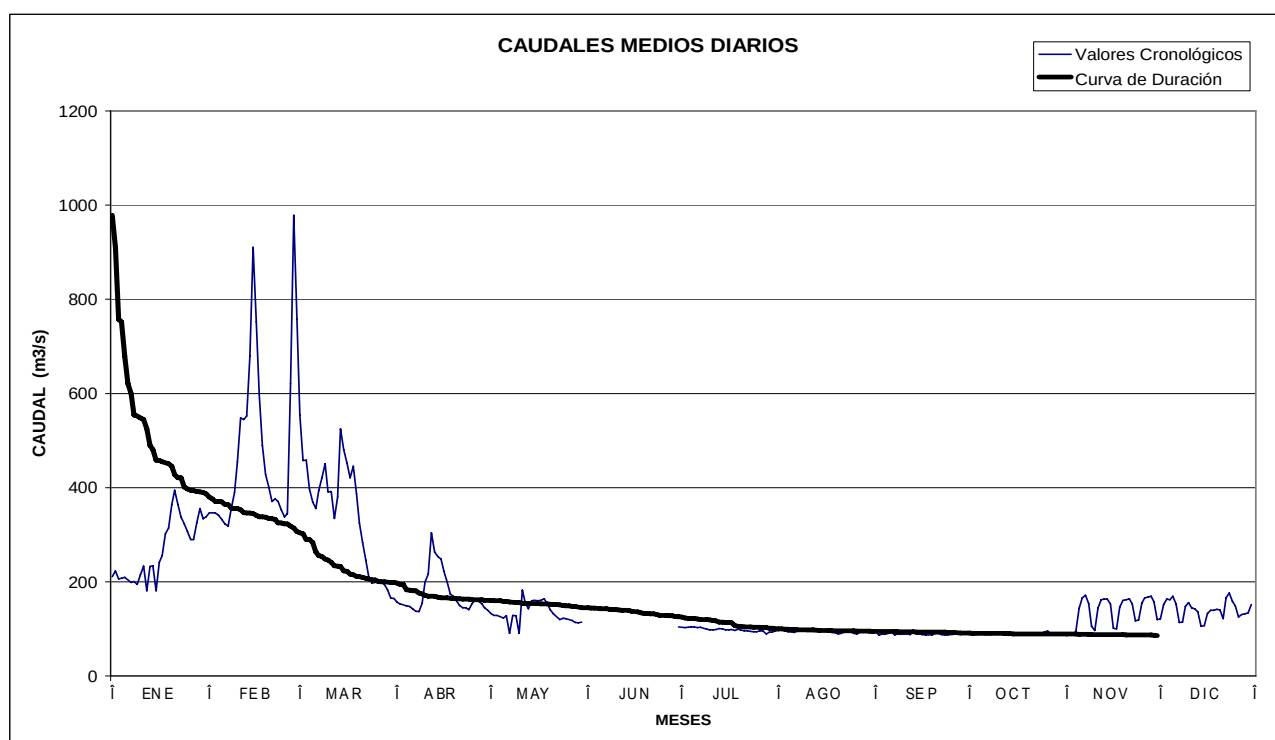


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H365	DAULE EN LA CAPILLA											Area Drenaje:8690 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	211.267 *	346.579 *	757.759 *	165.016 *	139.725 *		104.225 *	95.838 *	95.063 *	88.988 *	89.361 *	119.796 *
2	223.451 *	347.436 *	554.113 *	156.999 *	132.980 *		103.815 *	97.010 *	94.290 *	88.988 *	85.716 *	121.157 *
3	206.270 *	346.579 *	457.268 *	153.351 *	129.195 *		103.002 *	97.796 *	86.790 *	87.880 *	87.507 *	152.296 *
4	207.506 *	341.482 *	458.428 *	151.265 *	129.195 *		103.407 *	95.839 *	89.364 *	88.246 *	87.515 *	163.368 *
5	210.011 *	333.097 *	397.358 *	149.217 *	125.963 *		104.225 *	94.296 *	88.617 *	90.483 *	95.588 *	161.848 *
6	204.431 *	323.203 *	370.081 *	148.200 *	123.666 *		104.225 *	93.522 *	90.860 *	88.990 *	143.744 *	169.361 *
7	198.296 *	318.324 *	356.051 *	143.197 *	128.263 *		103.002 *	92.763 *	93.520 *	88.247 *	166.629 *	152.740 *
8	200.722 *	356.462 *	393.978 *	137.774 *	90.200 *		103.407 *	96.228 *	87.163 *	87.876 *	171.573 *	113.655 *
9	194.732 *	389.893 *	420.951 *	136.799 *	129.193 *		101.789 *	97.800 *	88.990 *	87.876 *	153.715 *	114.520 *
10	215.127 *	454.895 *	450.725 *	154.455 *	128.263 *		99.780 *	96.620 *	88.617 *	91.237 *	105.581 *	147.688 *
11	233.368 *	548.051 *	390.998 *	199.543 *	90.200 *		97.796 *	95.063 *	88.990 *	91.237 *	96.620 *	156.008 *
12	180.772 *	544.776 *	391.990 *	216.348 *	182.328 *		98.192 *	94.679 *	88.990 *	93.904 *	144.358 *	144.210 *
13	232.697 *	552.597 *	334.794 *	304.495 *	156.036 *		98.982 *	95.063 *	87.914 *	91.254 *	162.301 *	143.197 *
14	234.041 *	679.086 *	380.304 *	263.393 *	143.197 *		100.979 *	95.063 *	93.904 *	88.620 *	163.370 *	136.431 *
15	180.772 *	910.826 *	524.966 *	253.332 *	159.623 *		100.181 *	95.449 *	89.440 *	88.247 *	162.952 *	105.654 *
16	241.487 *	751.579 *	480.878 *	248.394 *	160.688 *		97.800 *	95.449 *	89.364 *	87.509 *	153.169 *	106.783 *
17	256.182 *	599.485 *	453.262 *	222.219 *	159.623 *		97.796 *	95.838 *	88.247 *	87.876 *	101.894 *	132.964 *
18	301.803 *	489.520 *	420.839 *	200.163 *	161.230 *		98.982 *	95.063 *	87.509 *	89.733 *	100.318 *	139.725 *
19	314.315 *	427.613 *	445.251 *	174.503 *	163.934 *		96.687 *	92.397 *	87.509 *	90.860 *	146.730 *	139.725 *
20	364.283 *	401.003 *	387.340 *	169.921 *	153.863 *		99.384 *	92.024 *	87.507 *	90.483 *	161.224 *	141.692 *
21	394.495 *	370.999 *	325.274 *	159.649 *	140.717 *		97.404 *	89.735 *	90.483 *	89.364 *	161.761 *	140.295 *
22	364.781 *	376.301 *	283.946 *	149.731 *	132.512 *		96.228 *	90.485 *	90.483 *	89.364 *	163.908 *	121.983 *
23	337.283 *	370.947 *	246.517 *	145.173 *	125.975 *		95.839 *	93.137 *	87.880 *	88.990 *	153.659 *	166.110 *
24	323.208 *	352.595 *	211.967 *	145.181 *	120.091 *		95.063 *	94.288 *	87.144 *	88.990 *	117.104 *	176.651 *
25	307.121 *	338.113 *	197.697 *	140.700 *	122.309 *		94.288 *	93.522 *	87.509 *	91.237 *	119.413 *	158.567 *
26	289.999 *	344.922 *	198.889 *	153.878 *	121.855 *		94.288 *	90.860 *	87.876 *	94.288 *	154.919 *	149.404 *
27	289.995 *	620.576 *	203.795 *	162.399 *	120.061 *		96.228 *	89.735 *	88.617 *	95.449 *	166.629 *	125.542 *
28	325.299 *	978.403 *	200.127 *	159.101 *	117.864 *		95.449 *	93.962 *	92.378 *	90.112 *	167.193 *	130.603 *
29	356.028 *		194.692 *	153.863 *	113.909 *		89.440 *	93.943 *	90.860 *	89.735 *	169.914 *	132.065 *
30	333.952 *		182.990 *	145.181 *	113.046 *		93.904 *	95.061 *	90.112 *	89.735 *	157.343 *	133.947 *
31	338.143 *		165.586 *		114.340 *		93.904 *	95.838 *		89.364 *		152.291 *
Caudal Max.	397.263 *	1002.483 *	812.662 *	364.758 *	184.633 *		104.634 *	98.982 *	95.837 *	95.837 *	172.128 *	211.267 *
Día	21	28	1	13	12		1	9	1	27	8	23
Hora	6	6	6	6	6		6	6	6	6	17	6
Caudal Mín.	125.490 *	317.515 *	160.155 *	135.832 *	53.067 *		84.592 *	88.988 *	84.592 *	86.773 *	82.445 *	97.402 *
Día	12	7	31	8	11		29	20	15	16	2	15
Hora	6	17	17	17	17		17	17	17	6	17	17
Caudal Medio	266.833	471.976	362.542	175.448	133.227		98.700	94.334	89.533	89.844	137.057	140.331

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



CAUDALES MEDIOS DIARIOS (m³/s)

2003

H375	CHANCHAN DJ HUATAXI											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	11.222 *	4.864 *	4.289 *	2.495 *	3.248 *	3.087 *	4.289 *	7.321 *			14.909 *	2.639 *
2	9.762 *	4.670 *	3.925 *	2.495 *	3.248 *	3.087 *	5.068 *	7.825 *			14.197 *	2.223 *
3	9.461 *	4.102 *	3.925 *	2.495 *	2.935 *	3.087 *	5.271 *	7.825 *			14.197 *	2.223 *
4	9.461 *	3.747 *	3.747 *	2.359 *	2.783 *	2.935 *	5.271 *	7.825 *			11.533 *	2.223 *
5	6.092 *	3.409 *	3.747 *	2.223 *	2.783 *	2.783 *	5.271 *	9.443 *			11.533 *	1.969 *
6	8.364 *	3.409 *	3.578 *	2.223 *	2.783 *	3.409 *	5.271 *	9.726 *			11.222 *	1.969 *
7	8.090 *	3.409 *	3.409 *	2.639 *	2.783 *	3.578 *	5.271 *	9.726 *			8.752 *	1.850 *
8	7.825 *	3.087 *	3.409 *	3.409 *	2.639 *	3.248 *	5.271 *	9.169 *			8.611 *	1.850 *
9	7.321 *	3.087 *	3.409 *	3.409 *	2.495 *	3.409 *	5.271 *	8.885 *			8.611 *	1.619 *
10	7.083 *	3.087 *	3.409 *	3.409 *	2.495 *	3.409 *	6.146 *	7.649 *			7.109 *	1.302 *
11	2.783 *	3.087 *	2.816 *	3.578 *	2.495 *	3.248 *	6.606 *	9.443 *			4.942 *	1.302 *
12	2.495 *	4.179 *	3.087 *	3.925 *	2.495 *	3.087 *	7.321 *	9.726 *			3.417 *	1.508 *
13	2.495 *	4.179 *	2.935 *	4.102 *	2.639 *	3.087 *	7.825 *	10.018 *			2.495 *	1.405 *
14	2.495 *	5.271 *	2.783 *	4.289 *	2.639 *		8.346 *	10.310 *			2.495 *	1.730 *
15	2.495 *	7.321 *	3.096 *	4.475 *	2.639 *		8.620 *	10.310 *			2.495 *	1.969 *
16	2.639 *	9.195 *	3.409 *	4.475 *	2.783 *	2.935 *	8.885 *	9.726 *			2.495 *	1.969 *
17	2.783 *	5.914 *	4.721 *	4.670 *	2.495 *	3.595 *	7.825 *	8.885 *			3.121 *	2.223 *
18	2.935 *	3.087 *	6.217 *	4.864 *	2.639 *	3.755 *	7.825 *	8.885 *			5.085 *	2.359 *
19	9.738 *	2.783 *	4.306 *	5.068 *	2.639 *	3.578 *	7.825 *	8.885 *			7.109 *	2.783 *
20	7.374 *	2.783 *	3.409 *	5.917 *	2.639 *	3.755 *	7.825 *	9.443 *			7.083 *	2.639 *
21	4.942 *	2.495 *	3.096 *	5.696 *	2.783 *	3.747 *	7.825 *	9.443 *		23.143 *	6.138 *	2.791 *
22	3.578 *	2.495 *	2.935 *	6.138 *	2.783 *	3.747 *	7.825 *	9.443 *		20.013 *	4.942 *	3.087 *
23	3.248 *	2.495 *	2.783 *	6.606 *	2.783 *	3.925 *	8.081 *	9.443 *		19.573 *	3.409 *	2.935 *
24	3.087 *	2.495 *	2.783 *	7.825 *	2.783 *	3.925 *	8.081 *	9.169 *		19.994 *	3.409 *	3.096 *
25	3.248 *	2.495 *	2.783 *	7.569 *	2.495 *	4.102 *	8.346 *	9.726 *		20.013 *	3.096 *	3.925 *
26	3.578 *	3.087 *	2.783 *	7.083 *	2.495 *	4.289 *	8.081 *	9.726 *		20.644 *	2.639 *	4.102 *
27	3.925 *	4.670 *	2.783 *	6.597 *	2.935 *	4.289 *	7.569 *	10.018 *		19.582 *	2.935 *	4.475 *
28	4.475 *	4.475 *	2.639 *	6.367 *	3.409 *	4.289 *	7.321 *	9.735 *		18.758 *	3.248 *	4.289 *
29	6.173 *		2.495 *	5.917 *	3.248 *	4.289 *	7.321 *	9.726 *		17.953 *	3.747 *	5.068 *
30	5.271 *		2.495 *	4.483 *	3.409 *	4.289 *	7.074 *	9.169 *		17.167 *	3.087 *	3.747 *
31	5.696 *		2.495 *		2.935 *		6.835 *					2.985 *
Caudal Max.	16.389 *	10.310 *	7.569 *	8.081 *	3.409 *		9.159 *				14.909 *	5.271 *
Día	19	16	18	24	vv		15				1	29
Hora	17	17	17	7			7				7	17
Caudal Mín.	2.495 *	2.495 *	2.223 *	2.223 *	2.495 *		4.102 *				2.495 *	1.302 *
Día	vv	vv	11	vv	vv		1				vv	vv
Hora			17				17					
Caudal Medio	5.488	3.945	3.345	4.560	2.785	3.570	6.957	9.221			6.269	2.589

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



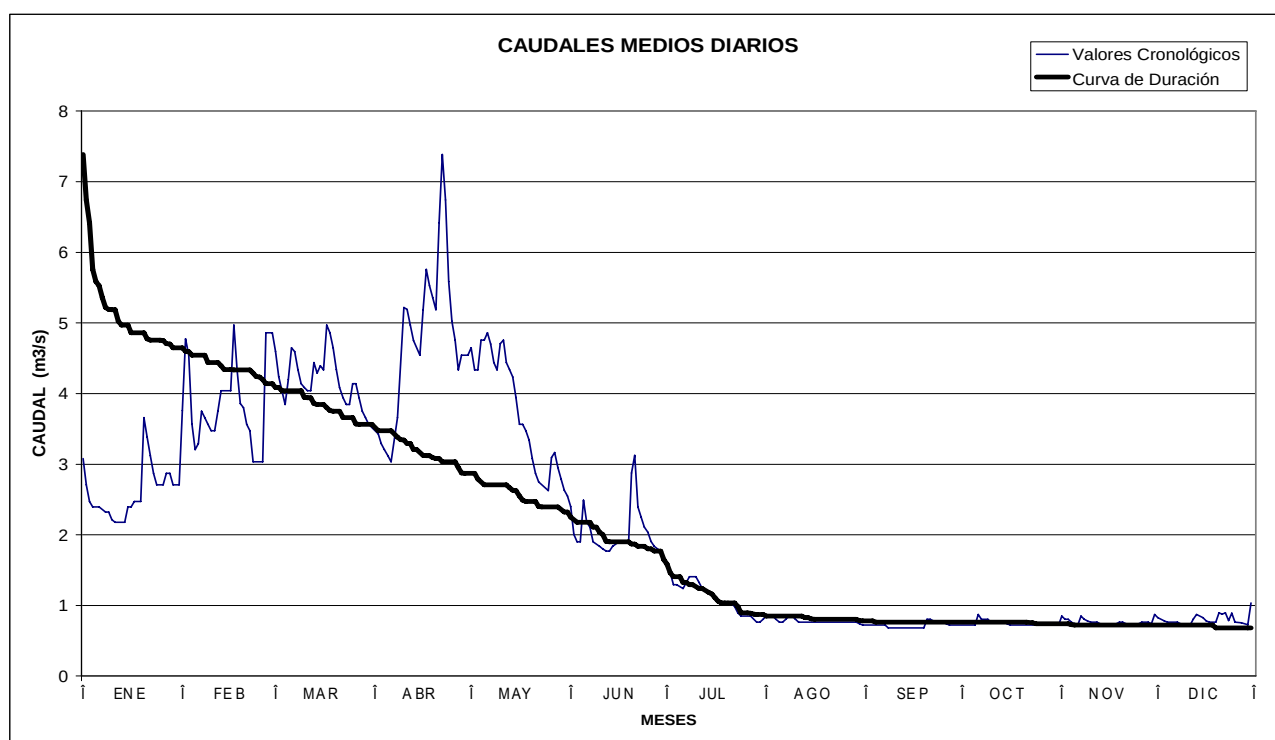
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H385	ANGAS AJ CHANCHAN											Area Drenaje:1500 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	3.078 *	3.760 *	4.859 *	3.519 *	4.542 *	2.549 *	1.645 *	0.805 *	0.721 *	0.721 *	0.721 *	0.871 *
2	2.707 *	4.774 *	4.598 *	3.473 *	4.647 *	2.399 *	1.583 *	0.848 *	0.721 *	0.721 *	0.848 *	0.826 *
3	2.473 *	4.545 *	4.237 *	3.428 *	4.337 *	2.004 *	1.464 *	0.848 *	0.721 *	0.721 *	0.804 *	0.804 *
4	2.397 *	3.567 *	4.039 *	3.295 *	4.337 *	1.901 *	1.294 *	0.848 *	0.721 *	0.721 *	0.804 *	0.783 *
5	2.397 *	3.207 *	3.846 *	3.207 *	4.753 *	1.901 *	1.294 *	0.805 *	0.721 *	0.721 *	0.762 *	0.762 *
6	2.397 *	3.295 *	4.198 *	3.121 *	4.758 *	2.488 *	1.267 *	0.762 *	0.721 *	0.721 *	0.741 *	0.762 *
7	2.360 *	3.750 *	4.647 *	3.035 *	4.859 *	2.177 *	1.240 *	0.762 *	0.721 *	0.871 *	0.721 *	0.762 *
8	2.323 *	3.657 *	4.594 *	3.346 *	4.701 *	2.107 *	1.323 *	0.805 *	0.721 *	0.804 *	0.848 *	0.762 *
9	2.323 *	3.565 *	4.339 *	3.657 *	4.440 *	1.901 *	1.406 *	0.848 *	0.681 *	0.804 *	0.804 *	0.741 *
10	2.213 *	3.473 *	4.137 *	4.439 *	4.337 *	1.868 *	1.406 *	0.848 *	0.681 *	0.804 *	0.783 *	0.721 *
11	2.177 *	3.473 *	4.087 *	5.216 *	4.707 *	1.835 *	1.406 *	0.805 *	0.681 *	0.762 *	0.762 *	0.721 *
12	2.177 *	3.750 *	4.038 *	5.189 *	4.753 *	1.803 *	1.323 *	0.762 *	0.681 *	0.762 *	0.762 *	0.721 *
13	2.177 *	4.038 *	4.038 *	4.967 *	4.439 *	1.770 *	1.240 *	0.762 *	0.681 *	0.762 *	0.762 *	0.807 *
14	2.177 *	4.038 *	4.439 *	4.752 *	4.338 *	1.770 *	1.213 *	0.762 *	0.681 *	0.762 *	0.741 *	0.871 *
15	2.397 *	4.038 *	4.288 *	4.647 *	4.236 *	1.835 *	1.186 *	0.762 *	0.681 *	0.762 *	0.721 *	0.848 *
16	2.397 *	4.038 *	4.392 *	4.542 *	3.943 *	1.868 *	1.161 *	0.762 *	0.681 *	0.741 *	0.721 *	0.826 *
17	2.473 *	4.969 *	4.337 *	5.187 *	3.564 *	1.901 *	1.109 *	0.762 *	0.681 *	0.721 *	0.721 *	0.783 *
18	2.473 *	4.337 *	4.967 *	5.758 *	3.564 *	1.901 *	1.059 *	0.762 *	0.681 *	0.721 *	0.721 *	0.762 *
19	2.473 *	3.860 *	4.860 *	5.525 *	3.473 *	1.901 *	1.034 *	0.762 *	0.681 *	0.721 *	0.741 *	0.762 *
20	3.657 *	3.799 *	4.647 *	5.356 *	3.340 *	1.901 *	1.034 *	0.762 *	0.681 *	0.721 *	0.762 *	0.762 *
21	3.383 *	3.565 *	4.339 *	5.187 *	3.079 *	2.873 *	1.034 *	0.762 *	0.804 *	0.721 *	0.762 *	0.898 *
22	3.120 *	3.473 *	4.087 *	6.418 *	2.869 *	3.126 *	1.034 *	0.762 *	0.804 *	0.721 *	0.741 *	0.878 *
23	2.869 *	3.035 *	3.942 *	7.384 *	2.747 *	2.397 *	0.987 *	0.762 *	0.783 *	0.721 *	0.721 *	0.894 *
24	2.707 *	3.035 *	3.845 *	6.738 *	2.707 *	2.249 *	0.894 *	0.762 *	0.762 *	0.721 *	0.721 *	0.784 *
25	2.707 *	3.035 *	3.845 *	5.584 *	2.667 *	2.107 *	0.848 *	0.762 *	0.762 *	0.721 *	0.721 *	0.888 *
26	2.707 *	3.035 *	4.137 *	5.023 *	2.627 *	2.037 *	0.848 *	0.762 *	0.762 *	0.721 *	0.741 *	0.766 *
27	2.869 *	4.859 *	4.137 *	4.753 *	3.096 *	1.902 *	0.848 *	0.762 *	0.741 *	0.721 *	0.762 *	0.758 *
28	2.869 *	4.859 *	3.941 *	4.337 *	3.165 *	1.835 *	0.848 *	0.762 *	0.721 *	0.721 *	0.762 *	0.754 *
29	2.707 *		3.750 *	4.542 *	2.952 *	1.803 *	0.805 *	0.762 *	0.721 *	0.721 *	0.762 *	0.741 *
30	2.707 *		3.657 *	4.542 *	2.788 *	1.770 *	0.762 *	0.762 *	0.721 *	0.721 *	0.741 *	0.725 *
31	2.707 *		3.564 *		2.628 *		0.762 *	0.741 *		0.721 *		1.034 *
Caudal Max.	3.657 *	5.411 *	4.967 *	7.650 *	5.076 *	3.845 *	1.706 *	0.848 *	0.804 *	0.893 *	0.848 *	1.835 *
Día	20	2	18	23	6	21	1	vv	vv	7	vv	26
Hora	6	18	6	6	6	18	6			6		18
Caudal Mín.	2.177 *	3.035 *	3.564 *	3.035 *	2.549 *	1.770 *	0.762 *	0.721 *	0.681 *	0.721 *	0.721 *	0.721 *
Día	vv	vv	30	7	31	vv	vv	31	vv	vv	vv	vv
Hora			18	6	6			18				
Caudal Medio	2.600	3.815	4.220	4.672	3.787	2.063	1.140	0.781	0.717	0.741	0.756	0.799

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



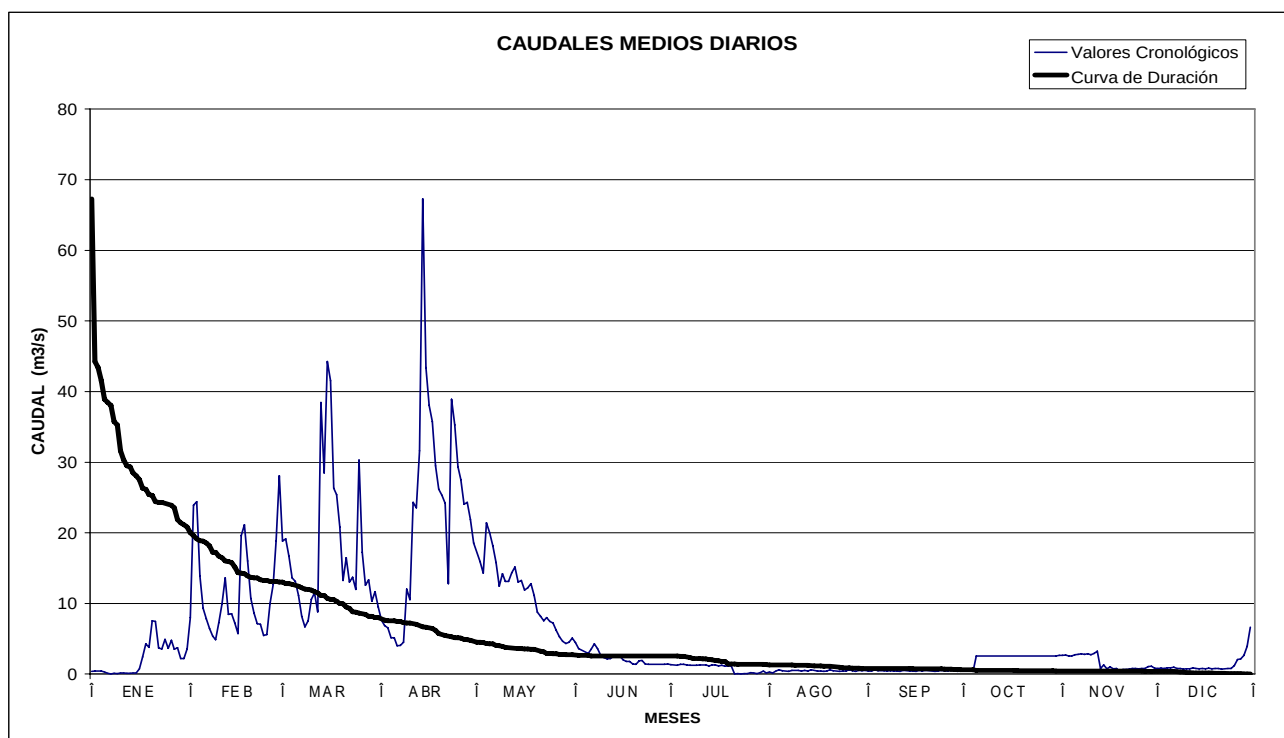
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H390	CHIMBO AJ MILAGRO INAMHI											Area Drenaje:3922 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.391 *	8.025 *	28.048 *	9.492 *	18.564 *	5.102	1.443	0.149 *	0.539 *	0.430 *	2.641 *	0.848 *
2	0.410 *	23.904 *	18.841 *	7.636 *	17.228 *	4.451	1.347	0.271 *	0.430 *	0.432 *	2.641 *	0.791 *
3	0.430 *	24.424 *	19.144 *	6.868 *	15.916 *	3.576	1.297	0.149 *	0.432 *	0.472 *	2.692 *	0.848 *
4	0.430 *	13.865 *	16.702 *	6.548 *	14.307 *	3.402	1.227	0.432 *	0.584 *	0.518 *	2.590 *	0.818 *
5	0.300 *	9.297 *	13.588 *	5.166 *	21.426 *	3.127	1.369	0.584 *	0.472 *	0.371 *	2.590 *	0.882 *
6	0.120 *	7.818 *	13.120 *	5.163 *	19.992 *	2.924	1.369	0.472 *	0.472 *	2.540 *	2.745 *	0.876 *
7	0.001 *	6.464 *	11.127 *	4.014 *	18.152 *	3.496	1.297	0.432 *	0.478 *	2.540 *	2.797 *	0.965 *
8	0.121 *	5.380 *	8.183 *	4.077 *	15.787 *	4.285	1.227	0.371 *	0.452 *	2.590 *	2.850 *	0.791 *
9	0.066 *	4.880 *	6.703 *	4.476 *	12.443 *	3.581	1.227	0.493 *	0.472 *	2.590 *	2.798 *	0.818 *
10	0.132 *	7.289 *	7.549 *	12.029 *	14.206 *	2.667	1.227	0.518 *	0.432 *	2.590 *	2.850 *	0.710 *
11	0.143 *	9.909 *	10.601 *	10.518 *	13.120 *	2.363	1.297	0.539 *	0.430 *	2.590 *	2.745 *	0.763 *
12	0.121 *	13.592 *	11.483 *	24.298 *	13.120 *	2.125	1.297	0.411 *	0.371 *	2.590 *	2.957 *	0.763 *
13	0.110 *	8.446 *	8.820 *	23.524 *	14.321 *	2.226	1.297	0.539 *	0.539 *	2.590 *	3.235 *	0.876 *
14	0.131 *	8.538 *	38.451 *	31.625 *	15.157 *	2.534	1.158	0.411 *	0.472 *	2.590 *	0.818 *	0.791 *
15	0.131 *	7.204 *	28.470 *	67.267 *	13.005 *	2.732	1.297	0.584 *	0.430 *	2.590 *	1.301 *	0.737 *
16	0.736 *	5.758 *	44.268 *	43.383 *	13.235 *	2.534	1.297	0.539 *	0.432 *	2.590 *	0.763 *	0.818 *
17	2.406 *	19.587 *	41.526 *	38.049 *	11.907 *	2.025	1.158	0.411 *	0.391 *	2.590 *	1.029 *	0.763 *
18	4.271 *	21.141 *	26.323 *	35.732 *	12.213 *	1.763	1.227	0.430 *	0.493 *	2.590 *	0.763 *	0.847 *
19	3.777 *	15.996 *	25.382 *	29.481 *	12.776 *	1.777	1.092	0.371 *	0.430 *	2.590 *	0.791 *	0.763 *
20	7.552 *	10.705 *	20.834 *	26.151 *	11.127 *	1.443	1.158	0.452 *	0.539 *	2.590 *	0.336 *	0.818 *
21	7.467 *	8.632 *	13.235 *	25.319 *	8.737 *	1.381	1.092	0.584 *	0.472 *	2.590 *	0.634 *	0.790 *
22	3.686 *	7.125 *	16.485 *	24.172 *	8.177 *	1.876	0.022 *	0.472 *	0.430 *	2.590 *	0.658 *	0.710 *
23	3.554 *	7.035 *	13.006 *	12.780 *	7.549 *	1.937	0.046 *	0.430 *	0.371 *	2.590 *	0.710 *	0.763 *
24	4.904 *	5.455 *	13.705 *	38.913 *	8.011 *	1.443	0.000 *	0.371 *	0.452 *	2.590 *	0.818 *	0.791 *
25	3.633 *	5.604 *	11.993 *	35.271 *	7.463 *	1.369	0.056 *	0.452 *	0.539 *	2.590 *	0.791 *	0.818 *
26	4.765 *	9.967 *	30.286 *	29.312 *	7.204 *	1.369	0.065 *	0.432 *	0.411 *	2.590 *	0.737 *	1.183 *
27	3.526 *	12.684 *	17.241 *	27.531 *	6.171 *	1.369	0.207 *	0.584 *	0.430 *	2.590 *	0.791 *	2.066 *
28	3.765 *	18.890 *	12.558 *	24.015 *	5.307 *	1.369	0.149 *	0.472 *	0.539 *	2.590 *	0.818 *	2.157 *
29	2.201 *		13.354 *	24.330 *	4.629 *	1.369	0.091 *	0.391 *	0.472 *	2.590 *	1.060 *	2.647 *
30	2.202 *		10.294 *	21.869 *	4.306	1.369	0.207 *	0.539 *	0.391 *	2.590 *	1.125 *	3.901 *
31	3.554 *		11.699 *		4.500		0.451 *	0.472 *		2.590 *		6.626 *
Caudal Max.	7.901 *	35.706 *	68.821 *	90.726 *	22.018 *	5.603	1.443	0.584 *	0.584 *	2.590 *	3.348 *	7.034 *
Día	21	2	15	15	5	1	1	vv	1	vv	13	31
Hora	7	18	18	18	7	21	12		7		7	7
Caudal Mín.	0.000	4.603 *	6.538 *	3.348 *	3.951 *	1.369	0.000	0.091 *	0.371 *	0.371 *	0.300 *	0.683 *
Día	9	1	9	9	29	vv	17	1	vv	2	20	10
Hora	7	7	7	7	18		18	18		18	18	18
Caudal Medio	2.098	10.986	18.162	21.967	11.937	2.433	0.893	0.444	0.460	2.241	1.669	1.250

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



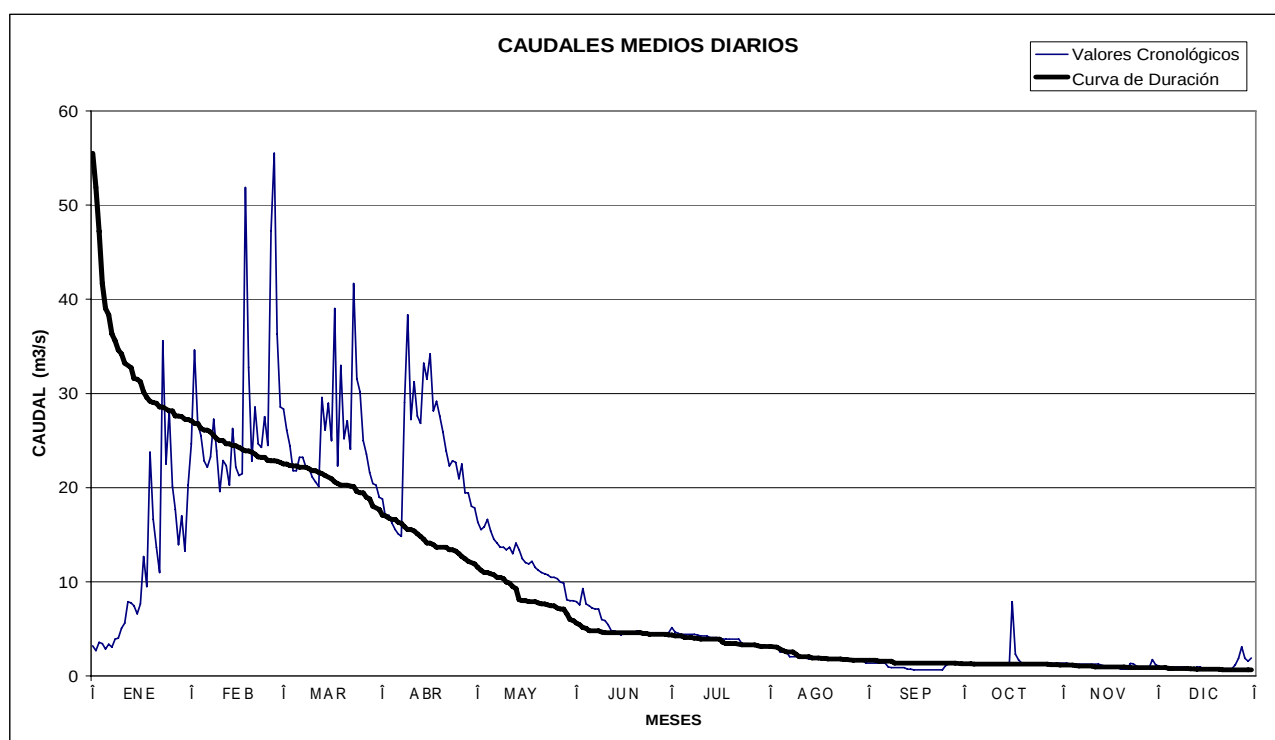
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H394	EMBARCADERO EN H.CLEM(POT-STA.ROSA)											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	3.221 *	24.643 *	28.558 *	18.977 *	17.862 *	8.002 *	4.607 *	3.143 *	1.364 *	1.262 *	1.364 *	1.216 *
2	2.711 *	34.607 *	28.368 *	18.818 *	16.317 *	7.892 *	5.153 *	3.143 *	1.364 *	1.262 *	1.364 *	1.067 *
3	3.604 *	26.844 *	26.108 *	16.768 *	15.559 *	7.562 *	4.695 *	3.143 *	1.364 *	1.262 *	1.364 *	0.889 *
4	3.449 *	25.551 *	24.458 *	17.080 *	15.859 *	9.296 *	4.519 *	3.143 *	1.364 *	1.262 *	1.313 *	0.975 *
5	2.851 *	22.850 *	21.810 *	16.234 *	16.621 *	7.671 *	4.432 *	2.571 *	1.364 *	1.262 *	1.262 *	0.975 *
6	3.374 *	22.152 *	21.807 *	15.561 *	15.414 *	7.454 *	4.432 *	2.571 *	1.364 *	1.262 *	1.262 *	0.975 *
7	3.072 *	23.248 *	23.234 *	15.117 *	14.535 *	7.239 *	4.432 *	2.571 *	1.364 *	1.262 *	1.262 *	0.975 *
8	3.928 *	27.281 *	23.223 *	14.825 *	14.106 *	7.132 *	4.432 *	2.049 *	0.975 *	1.364 *	1.262 *	0.975 *
9	4.012 *	23.917 *	22.159 *	29.031 *	13.681 *	7.132 *	4.432 *	2.049 *	0.887 *	1.364 *	1.262 *	0.975 *
10	5.098 *	19.600 *	21.980 *	38.339 *	13.684 *	6.006 *	4.347 *	2.049 *	0.887 *	1.364 *	1.262 *	0.975 *
11	5.620 *	22.871 *	21.127 *	27.232 *	13.401 *	5.908 *	4.261 *	2.049 *	0.887 *	1.364 *	1.262 *	0.931 *
12	7.894 *	22.343 *	20.620 *	31.255 *	13.684 *	5.436 *	4.261 *	1.927 *	0.887 *	1.364 *	1.262 *	0.845 *
13	7.781 *	20.286 *	20.122 *	27.604 *	12.987 *	4.784 *	4.261 *	1.927 *	0.887 *	1.263 *	1.262 *	0.802 *
14	7.454 *	26.281 *	29.593 *	26.848 *	14.125 *	4.784 *	4.092 *	1.807 *	0.721 *	1.163 *	1.164 *	0.975 *
15	6.613 *	22.166 *	26.102 *	33.216 *	13.409 *	4.608 *	4.092 *	1.807 *	0.721 *	1.163 *	1.067 *	0.975 *
16	7.674 *	21.299 *	28.969 *	31.532 *	12.443 *	4.347 *	4.092 *	1.807 *	0.644 *	1.163 *	1.067 *	0.802 *
17	12.668 *	21.479 *	24.994 *	34.211 *	12.040 *	4.519 *	4.009 *	1.807 *	0.644 *	7.900 *	1.067 *	0.762 *
18	9.511 *	51.889 *	39.017 *	28.174 *	11.907 *	4.432 *	3.927 *	1.807 *	0.644 *	2.305 *	0.887 *	0.721 *
19	23.787 *	32.733 *	22.329 *	29.149 *	12.178 *	4.607 *	3.927 *	1.750 *	0.644 *	1.707 *	0.887 *	0.721 *
20	16.650 *	22.828 *	32.991 *	27.620 *	11.514 *	4.607 *	3.927 *	1.692 *	0.644 *	1.364 *	0.721 *	0.721 *
21	13.684 *	28.558 *	25.179 *	25.914 *	11.254 *	4.784 *	3.927 *	1.692 *	0.644 *	1.364 *	0.721 *	0.762 *
22	10.999 *	24.652 *	27.101 *	23.912 *	10.997 *	4.784 *	3.927 *	1.692 *	0.644 *	1.262 *	0.721 *	0.802 *
23	35.586 *	24.282 *	24.093 *	22.329 *	10.869 *	4.607 *	3.927 *	1.692 *	0.644 *	1.212 *	1.316 *	0.802 *
24	22.506 *	27.569 *	41.693 *	22.850 *	10.742 *	4.607 *	3.447 *	1.692 *	0.644 *	1.163 *	1.313 *	0.802 *
25	28.154 *	24.466 *	31.572 *	22.683 *	10.491 *	4.607 *	3.447 *	1.692 *	0.644 *	1.313 *	1.074 *	0.802 *
26	20.155 *	47.226 *	30.155 *	20.956 *	10.491 *	4.607 *	3.447 *	1.692 *	1.115 *	1.262 *	0.887 *	1.191 *
27	17.708 *	55.499 *	24.994 *	22.513 *	10.366 *	4.607 *	3.294 *	1.692 *	1.262 *	1.262 *	0.887 *	1.867 *
28	13.963 *	36.321 *	23.560 *	19.468 *	9.994 *	4.607 *	3.294 *	1.579 *	1.262 *	1.313 *	0.887 *	3.115 *
29	17.008 *		21.640 *	19.468 *	9.872 *	4.607 *	3.294 *	1.579 *	1.262 *	1.364 *	0.887 *	1.870 *
30	13.263 *		20.452 *	18.014 *	8.115 *	4.607 *	3.294 *	1.579 *	1.262 *	1.364 *	1.753 *	1.579 *
31	20.285 *		20.286 *		8.002 *		3.294 *	1.579 *		1.364 *		1.933 *
Caudal Max.	45.264 *	70.780 *	55.600 *	48.123 *	18.650 *	10.365 *	5.522 *	3.143 *	1.364 *	8.454 *	1.927 *	3.927 *
Día	23	27	24	10	1	4	2	vv	vv	17	30	28
Hora	7	7	7	7	7	7	7			7	7	7
Caudal Mín.	2.571 *	13.541 *	14.391 *	14.679 *	8.002 *	4.261 *	3.294 *	1.579 *	0.644 *	1.163 *	0.721 *	0.721 *
Día	2	20	14	8	31	16	vv	vv	vv	vv	vv	vv
Hora	18	18	18	18	18	18						
Caudal Medio	11.429	27.980	25.751	23.856	12.662	5.661	4.030	2.031	0.967	1.546	1.135	1.090

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



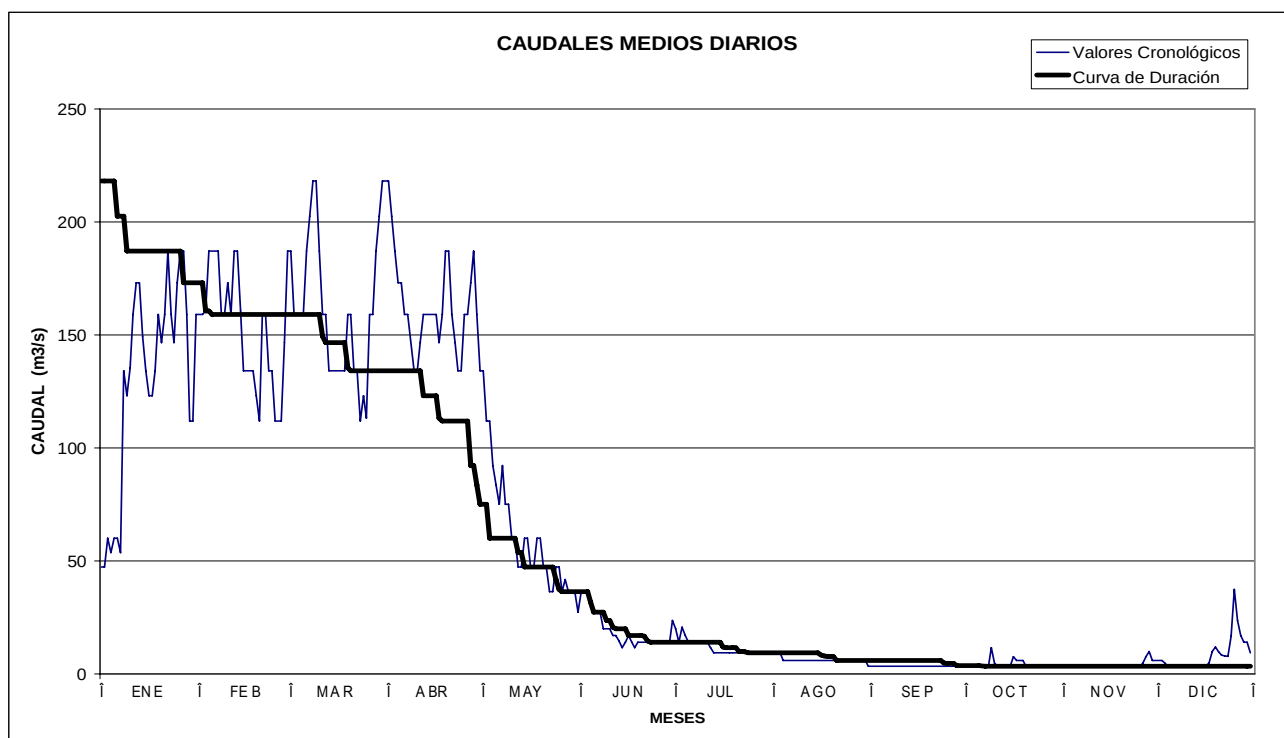
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H414 TOACHI AJ BABA												
DÍA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	47.333 *	159.168 *	187.106 *	218.131 *	134.156 *	27.437 *	23.729 *	9.441 *	3.451 *	3.451 *	3.451 *	5.954 *
2	47.333 *	159.168 *	187.106 *	218.131 *	134.156 *	36.487 *	20.021 *	9.441 *	3.451 *	3.451 *	3.451 *	5.954 *
3	60.137 *	160.631 *	159.168 *	202.619 *	111.908 *	36.487 *	14.076 *	9.441 *	3.451 *	3.451 *	3.451 *	5.954 *
4	53.735 *	187.106 *	159.168 *	187.106 *	111.908 *	36.487 *	20.757 *	9.441 *	3.451 *	3.451 *	3.451 *	4.702 *
5	60.137 *	187.106 *	159.168 *	173.137 *	92.263 *	31.962 *	17.048 *	5.954 *	3.451 *	3.451 *	3.451 *	3.451 *
6	60.137 *	187.106 *	159.168 *	173.137 *	83.661 *	27.437 *	14.076 *	5.954 *	3.451 *	3.451 *	3.451 *	3.451 *
7	53.735 *	187.106 *	187.106 *	159.168 *	75.060 *	27.437 *	14.076 *	5.954 *	3.451 *	3.451 *	3.451 *	3.451 *
8	134.156 *	159.168 *	202.619 *	159.168 *	92.263 *	27.437 *	14.076 *	5.954 *	3.451 *	3.451 *	3.451 *	3.451 *
9	123.032 *	159.168 *	218.131 *	146.662 *	75.060 *	20.021 *	14.076 *	5.954 *	3.451 *	3.451 *	3.451 *	3.662 *
10	135.538 *	173.137 *	218.131 *	134.156 *	75.060 *	20.021 *	14.076 *	5.954 *	3.451 *	11.759 *	3.451 *	3.662 *
11	159.168 *	159.168 *	187.106 *	134.156 *	60.137 *	20.021 *	14.076 *	5.954 *	3.451 *	4.702 *	3.451 *	3.662 *
12	173.137 *	187.106 *	159.168 *	146.662 *	60.137 *	17.048 *	14.076 *	5.954 *	3.451 *	3.451 *	3.451 *	3.662 *
13	173.137 *	187.106 *	159.168 *	159.168 *	47.333 *	17.048 *	11.759 *	5.954 *	3.451 *	3.451 *	3.451 *	3.662 *
14	149.507 *	160.631 *	134.156 *	159.168 *	47.333 *	14.731 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	3.662 *
15	134.156 *	134.156 *	134.156 *	159.168 *	60.137 *	11.759 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	3.662 *
16	123.032 *	134.156 *	134.156 *	159.168 *	60.137 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	3.662 *
17	123.032 *	134.156 *	134.156 *	159.168 *	47.333 *	17.048 *	9.441 *	5.954 *	3.451 *	7.697 *	3.451 *	3.556 *
18	134.156 *	134.156 *	134.156 *	146.662 *	47.333 *	14.076 *	9.441 *	5.954 *	3.451 *	5.954 *	3.451 *	4.917 *
19	159.168 *	123.032 *	134.156 *	159.168 *	60.137 *	11.759 *	9.441 *	5.954 *	3.451 *	5.954 *	3.451 *	10.015 *
20	146.662 *	111.908 *	159.168 *	187.106 *	60.137 *	14.076 *	9.441 *	5.954 *	3.451 *	5.954 *	3.451 *	11.963 *
21	159.168 *	159.168 *	159.168 *	187.106 *	47.333 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	9.856 *
22	187.106 *	159.168 *	134.156 *	159.168 *	47.333 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	8.419 *
23	159.168 *	134.156 *	134.156 *	146.662 *	36.487 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	8.004 *
24	146.662 *	134.156 *	111.908 *	134.156 *	36.487 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	7.848 *
25	173.137 *	111.908 *	123.032 *	134.156 *	47.333 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	16.846 *
26	187.106 *	111.908 *	113.209 *	159.168 *	47.333 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	37.385 *
27	187.106 *	111.908 *	159.168 *	159.168 *	36.487 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	4.702 *	23.729 *
28	159.168 *	146.662 *	159.168 *	173.137 *	41.910 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	7.697 *	17.048 *
29	111.908 *		187.106 *	187.106 *	36.487 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	10.015 *	14.076 *
30	111.908 *		202.619 *	159.168 *	36.487 *	14.076 *	9.441 *	5.954 *	3.451 *	3.451 *	5.954 *	14.076 *
31	159.168 *		218.131 *		36.487 *		9.441 *	5.954 *		3.451 *		9.441 *
Caudal Max. Día	187.106 *	187.106 *	218.131 *	218.131 *	134.156 *	36.487 *	27.437 *	9.441 *	3.451 *	14.076 *	14.076 *	47.333 *
Hora	vv	vv	vv	vv	vv	vv	1	vv	vv	10	29	26
							7			7	7	12
Caudal Mín. Día	47.333 *	111.908 *	92.263 *	134.156 *	36.487 *	9.441 *	9.441 *	5.954 *	3.451 *	3.451 *	3.451 *	3.451 *
Hora	vv	vv	26	vv	vv	15	vv	vv	vv	vv	vv	vv
			17			17						
Caudal Medio	128.775	151.910	161.556	164.667	64.059	19.454	12.125	6.404	3.451	4.139	3.937	8.479

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



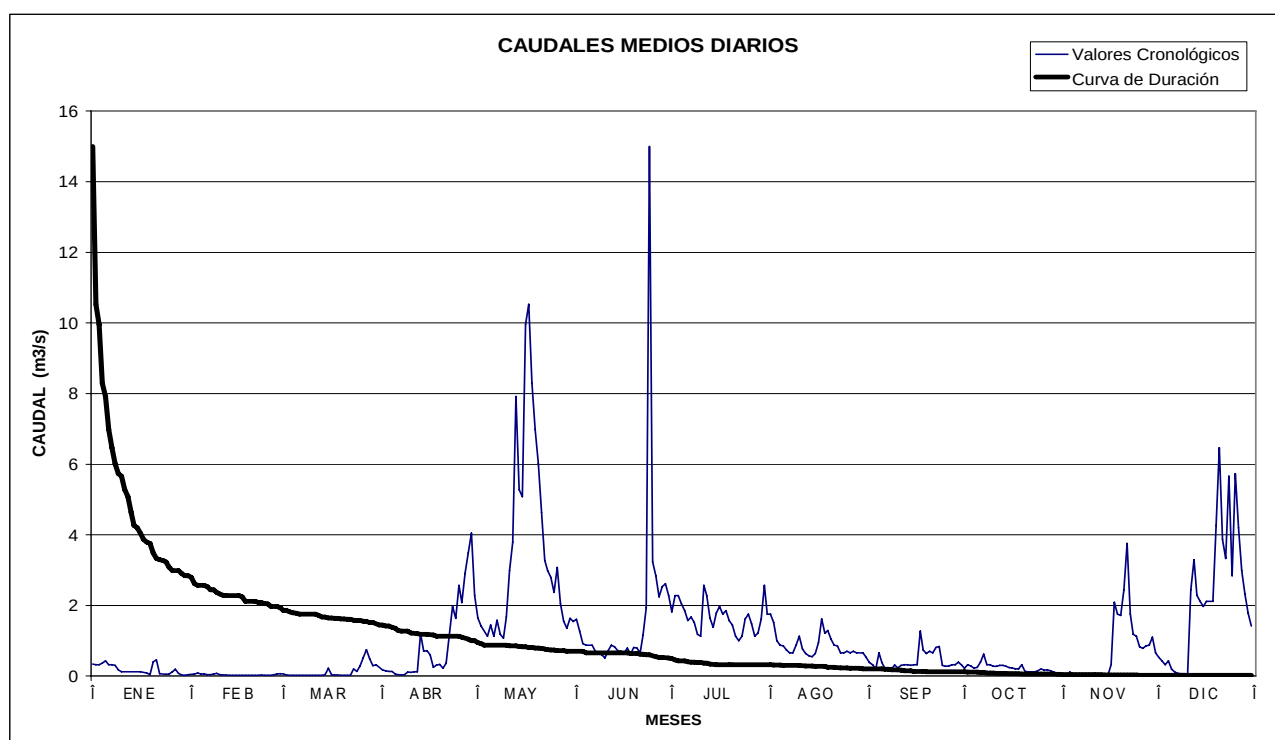
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H466	SILANTE EN INGAPIRCA											Area Drenaje:120 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.340 *	0.049 *	0.069 *	0.253 *	2.280 *	1.544 *	2.280 *	1.750 *	0.528 *	0.313 *	0.033 *	0.657 *
2	0.326 *	0.058 *	0.054 *	0.180 *	1.646 *	1.610 *	1.819 *	1.747 *	0.384 *	0.223 *	0.027 *	0.528 *
3	0.326 *	0.086 *	0.027 *	0.152 *	1.418 *	1.272 *	2.278 *	1.514 *	0.326 *	0.326 *	0.031 *	0.427 *
4	0.369 *	0.064 *	0.021 *	0.136 *	1.272 *	0.922 *	2.280 *	1.000 *	0.209 *	0.288 *	0.111 *	0.326 *
5	0.428 *	0.058 *	0.021 *	0.131 *	1.126 *	0.874 *	2.040 *	0.874 *	0.657 *	0.218 *	0.075 *	0.428 *
6	0.326 *	0.041 *	0.021 *	0.064 *	1.449 *	0.874 *	1.856 *	0.850 *	0.384 *	0.252 *	0.041 *	0.189 *
7	0.326 *	0.045 *	0.021 *	0.041 *	1.126 *	0.874 *	1.577 *	0.739 *	0.209 *	0.394 *	0.023 *	0.113 *
8	0.301 *	0.058 *	0.021 *	0.026 *	1.579 *	0.698 *	1.679 *	0.657 *	0.230 *	0.618 *	0.021 *	0.073 *
9	0.180 *	0.074 *	0.021 *	0.041 *	1.182 *	0.657 *	1.514 *	0.657 *	0.209 *	0.326 *	0.021 *	0.069 *
10	0.120 *	0.037 *	0.021 *	0.113 *	1.073 *	0.600 *	1.182 *	0.874 *	0.313 *	0.326 *	0.021 *	0.069 *
11	0.120 *	0.033 *	0.021 *	0.106 *	1.678 *	0.509 *	1.126 *	1.126 *	0.230 *	0.276 *	0.039 *	0.064 *
12	0.120 *	0.030 *	0.021 *	0.120 *	2.984 *	0.723 *	2.576 *	0.765 *	0.300 *	0.276 *	0.089 *	2.445 *
13	0.120 *	0.021 *	0.021 *	0.120 *	3.787 *	0.874 *	2.280 *	0.637 *	0.326 *	0.300 *	0.037 *	3.292 *
14	0.120 *	0.021 *	0.021 *	1.202 *	7.915 *	0.827 *	1.646 *	0.580 *	0.326 *	0.301 *	0.021 *	2.285 *
15	0.120 *	0.021 *	0.039 *	0.698 *	5.278 *	0.720 *	1.387 *	0.544 *	0.300 *	0.276 *	0.021 *	2.117 *
16	0.120 *	0.021 *	0.219 *	0.715 *	5.077 *	0.698 *	1.792 *	0.637 *	0.326 *	0.242 *	0.021 *	1.965 *
17	0.106 *	0.021 *	0.041 *	0.599 *	9.956 *	0.657 *	1.972 *	0.948 *	0.326 *	0.230 *	0.326 *	2.117 *
18	0.092 *	0.021 *	0.030 *	0.253 *	10.528 *	0.789 *	1.747 *	1.613 *	1.272 *	0.209 *	2.085 *	2.117 *
19	0.046 *	0.021 *	0.026 *	0.316 *	8.291 *	0.618 *	1.856 *	1.209 *	0.742 *	0.209 *	1.747 *	2.117 *
20	0.401 *	0.021 *	0.021 *	0.332 *	6.979 *	0.809 *	1.577 *	1.297 *	0.637 *	0.209 *	1.717 *	4.260 *
21	0.459 *	0.021 *	0.021 *	0.226 *	6.009 *	0.789 *	1.449 *	1.048 *	0.698 *	0.128 *	2.443 *	6.463 *
22	0.069 *	0.021 *	0.021 *	0.369 *	4.638 *	0.657 *	1.126 *	0.874 *	0.657 *	0.120 *	3.754 *	3.860 *
23	0.058 *	0.035 *	0.021 *	1.173 *	3.281 *	1.164 *	1.000 *	0.850 *	0.806 *	0.120 *	1.750 *	3.330 *
24	0.049 *	0.021 *	0.210 *	1.972 *	2.984 *	1.932 *	1.126 *	0.657 *	0.839 *	0.120 *	1.182 *	5.656 *
25	0.058 *	0.021 *	0.133 *	1.635 *	2.798 *	14.999 *	1.613 *	0.657 *	0.301 *	0.152 *	1.126 *	2.845 *
26	0.120 *	0.021 *	0.285 *	2.575 *	2.363 *	3.233 *	1.747 *	0.698 *	0.276 *	0.209 *	0.827 *	5.736 *
27	0.199 *	0.039 *	0.519 *	2.079 *	3.071 *	2.845 *	1.480 *	0.657 *	0.288 *	0.170 *	0.783 *	4.200 *
28	0.071 *	0.054 *	0.748 *	2.906 *	2.053 *	2.242 *	1.126 *	0.698 *	0.326 *	0.179 *	0.850 *	2.984 *
29	0.027 *		0.492 *	3.482 *	1.551 *	2.529 *	1.214 *	0.657 *	0.326 *	0.154 *	0.874 *	2.323 *
30	0.021 *		0.291 *	4.049 *	1.356 *	2.617 *	1.609 *	0.657 *	0.397 *	0.113 *	1.100 *	1.784 *
31	0.041 *		0.322 *		1.639 *		2.575 *	0.657 *		0.063 *		1.418 *
Caudal Max.	0.475 *	0.092 *	1.021 *	4.615 *	14.387 *	27.014 *	4.026 *	2.443 *	1.417 *	0.657 *	4.026 *	7.778 *
Día	5	3	28	30	18	25	12	18	18	8	22	26
Hora	7	7	7	7	18	18	18	18	6	7	7	17
Caudal Min.	0.021 *	0.021 *	0.021 *	0.026 *	1.073 *	0.475 *	0.873 *	0.544 *	0.209 *	0.033 *	0.021 *	0.041 *
Día	30	vv	vv	8	10	12	23	15	vv	31	vv	8
Hora	17			7	6	7	6	6		17		17
Caudal Medio	0.180	0.037	0.123	0.869	3.496	1.672	1.694	0.907	0.438	0.240	0.706	2.137

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

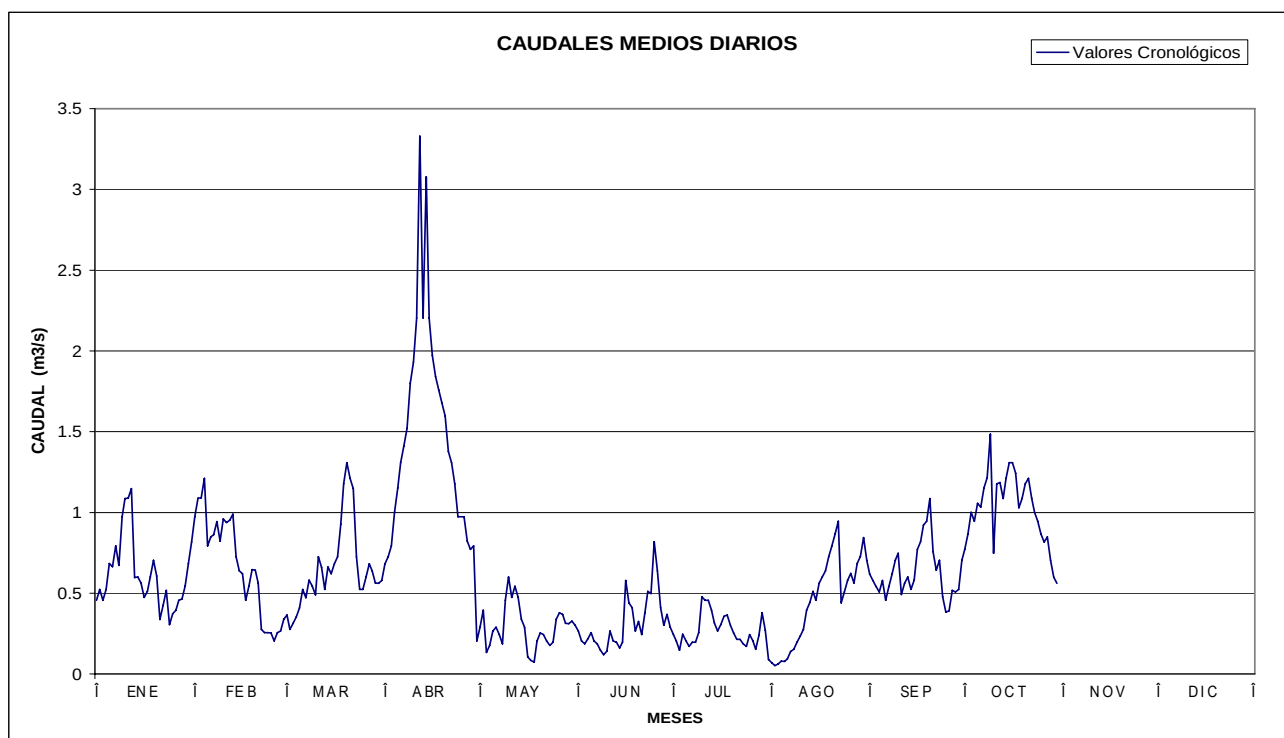


CAUDALES MEDIOS DIARIOS (m³/s)

2003

VENDELECHE EN HDA.LA CURIA													
H467	DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
	1	0.457 *	0.974 *	0.340 *	0.580 *	0.205 *	0.301 *	0.290 *	0.091 *	0.703 *	0.705 *		
	2	0.525 *	1.088 *	0.367 *	0.682 *	0.290 *	0.267 *	0.245 *	0.071 *	0.619 *	0.771 *		
	3	0.457 *	1.091 *	0.277 *	0.725 *	0.395 *	0.205 *	0.205 *	0.052 *	0.580 *	0.868 *		
	4	0.525 *	1.211 *	0.314 *	0.794 *	0.133 *	0.187 *	0.147 *	0.063 *	0.542 *	1.001 *		
	5	0.685 *	0.794 *	0.354 *	1.003 *	0.178 *	0.218 *	0.247 *	0.080 *	0.507 *	0.946 *		
	6	0.665 *	0.849 *	0.409 *	1.152 *	0.267 *	0.256 *	0.207 *	0.078 *	0.580 *	1.058 *		
	7	0.794 *	0.863 *	0.525 *	1.308 *	0.290 *	0.205 *	0.170 *	0.093 *	0.457 *	1.033 *		
	8	0.672 *	0.945 *	0.473 *	1.412 *	0.245 *	0.187 *	0.197 *	0.140 *	0.542 *	1.152 *		
	9	0.974 *	0.822 *	0.582 *	1.521 *	0.187 *	0.147 *	0.196 *	0.155 *	0.619 *	1.214 *		
	10	1.087 *	0.959 *	0.544 *	1.800 *	0.457 *	0.119 *	0.256 *	0.196 *	0.703 *	1.485 *		
	11	1.088 *	0.937 *	0.490 *	1.931 *	0.600 *	0.141 *	0.478 *	0.234 *	0.747 *	0.747 *		
	12	1.148 *	0.951 *	0.725 *	2.205 *	0.474 *	0.267 *	0.456 *	0.277 *	0.493 *	1.178 *		
	13	0.597 *	0.990 *	0.660 *	3.328 *	0.544 *	0.205 *	0.457 *	0.395 *	0.562 *	1.185 *		
	14	0.600 *	0.725 *	0.525 *	2.205 *	0.474 *	0.196 *	0.395 *	0.442 *	0.600 *	1.087 *		
	15	0.564 *	0.639 *	0.662 *	3.077 *	0.340 *	0.162 *	0.316 *	0.512 *	0.525 *	1.211 *		
	16	0.474 *	0.621 *	0.621 *	2.205 *	0.290 *	0.196 *	0.267 *	0.456 *	0.582 *	1.308 *		
	17	0.512 *	0.457 *	0.682 *	1.973 *	0.107 *	0.580 *	0.306 *	0.562 *	0.771 *	1.308 *		
	18	0.600 *	0.544 *	0.725 *	1.841 *	0.085 *	0.440 *	0.357 *	0.600 *	0.819 *	1.244 *		
	19	0.705 *	0.647 *	0.928 *	1.757 *	0.075 *	0.411 *	0.367 *	0.640 *	0.923 *	1.029 *		
	20	0.607 *	0.643 *	1.178 *	1.676 *	0.205 *	0.267 *	0.301 *	0.725 *	0.946 *	1.087 *		
	21	0.338 *	0.564 *	1.308 *	1.597 *	0.255 *	0.326 *	0.255 *	0.794 *	1.087 *	1.178 *		
	22	0.425 *	0.276 *	1.211 *	1.377 *	0.245 *	0.245 *	0.214 *	0.868 *	0.759 *	1.211 *		
	23	0.517 *	0.256 *	1.148 *	1.308 *	0.205 *	0.380 *	0.216 *	0.946 *	0.643 *	1.088 *		
	24	0.306 *	0.256 *	0.725 *	1.178 *	0.178 *	0.512 *	0.187 *	0.440 *	0.705 *	1.001 *		
	25	0.374 *	0.255 *	0.525 *	0.974 *	0.196 *	0.497 *	0.170 *	0.507 *	0.478 *	0.946 *		
	26	0.395 *	0.205 *	0.525 *	0.973 *	0.340 *	0.819 *	0.245 *	0.580 *	0.384 *	0.868 *		
	27	0.456 *	0.256 *	0.600 *	0.973 *	0.380 *	0.640 *	0.207 *	0.624 *	0.392 *	0.818 *		
	28	0.464 *	0.267 *	0.682 *	0.822 *	0.369 *	0.411 *	0.155 *	0.564 *	0.518 *	0.849 *		
	29	0.545 *		0.640 *	0.771 *	0.314 *	0.301 *	0.238 *	0.685 *	0.507 *	0.703 *		
	30	0.685 *		0.564 *	0.794 *	0.313 *	0.369 *	0.380 *	0.728 *	0.523 *	0.599 *		
	31	0.818 *		0.562 *		0.327 *		0.269 *	0.845 *		0.561 *		
	Caudal Max.	1.210 *	1.342 *	1.342 *	3.392 *	0.639 *	0.867 *	0.724 *	0.973 *	1.087 *	1.559 *		
	Día	12	13	21	13	11	26	12	23	21	10		
	Hora	6	6	6	6	18	18	18	6	6	18		
	Caudal Mín.	0.187 *	0.187 *	0.266 *	0.561 *	0.071 *	0.113 *	0.090 *	0.041 *	0.187 *	0.561 *		
	Día	24	22	3	1	19	10	4	3	25	31		
	Hora	18	18	18	18	6	18	6	18	6	18		
	Caudal Medio	0.615	0.682	0.641	1.465	0.289	0.315	0.271	0.434	0.627	1.014		

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



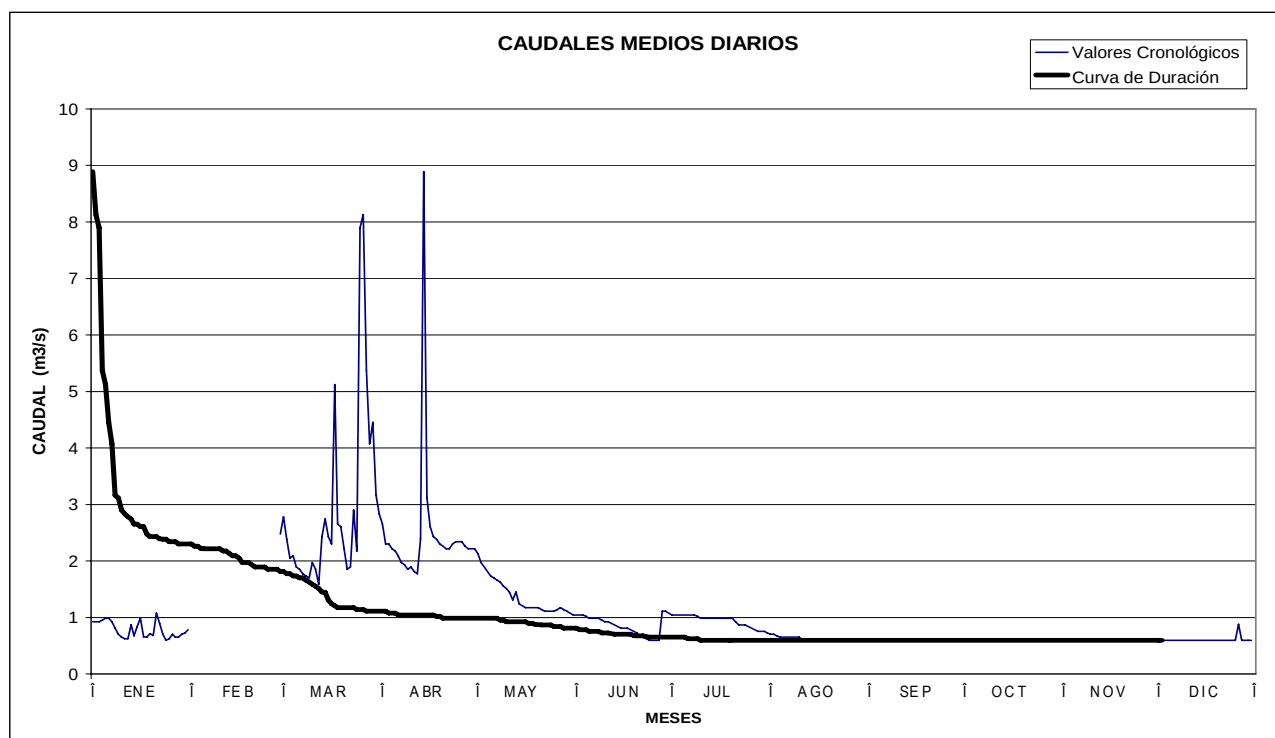
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H503	TENGUEL EN TENGUEL											Area Drenaje:161 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.927 *		2.477 *	2.833 *	2.218 *	1.048 *	1.080 *	0.730 *	0.600 *	0.600 *	0.600 *	0.600 *
2	0.927 *		2.787 *	2.652 *	2.135 *	1.048 *	1.048 *	0.703 *	0.600 *	0.600 *	0.600 *	0.600 *
3	0.927 *		2.390 *	2.302 *	1.973 *	1.048 *	1.048 *	0.703 *	0.600 *	0.600 *	0.600 *	0.600 *
4	0.957 *		2.054 *	2.302 *	1.894 *	1.048 *	1.048 *	0.677 *	0.600 *	0.600 *	0.600 *	0.600 *
5	0.987 *		2.095 *	2.218 *	1.816 *	1.018 *	1.048 *	0.651 *	0.600 *	0.600 *	0.600 *	0.600 *
6	0.987 *		1.894 *	2.176 *	1.739 *	0.987 *	1.048 *	0.651 *	0.600 *	0.600 *	0.600 *	0.600 *
7	0.928 *		1.855 *	2.094 *	1.702 *	0.987 *	1.048 *	0.651 *	0.600 *	0.600 *	0.600 *	0.600 *
8	0.813 *		1.778 *	1.973 *	1.664 *	0.987 *	1.048 *	0.651 *	0.600 *	0.600 *	0.600 *	0.600 *
9	0.704 *		1.739 *	1.933 *	1.627 *	0.987 *	1.048 *	0.651 *	0.600 *	0.600 *	0.600 *	0.600 *
10	0.651 *		1.702 *	1.855 *	1.554 *	0.957 *	1.018 *	0.651 *	0.600 *	0.600 *	0.600 *	0.600 *
11	0.625 *		1.973 *	1.894 *	1.518 *	0.927 *	0.987 *	0.651 *	0.600 *	0.600 *	0.600 *	0.600 *
12	0.625 *		1.855 *	1.816 *	1.446 *	0.927 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
13	0.674 *		1.591 *	1.778 *	1.309 *	0.898 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
14	0.677 *		2.434 *	2.393 *	1.452 *	0.869 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
15	0.840 *		2.744 *	8.888 *	1.241 *	0.840 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
16	0.987 *		2.432 *	3.117 *	1.208 *	0.812 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
17	0.658 *		2.302 *	2.608 *	1.175 *	0.812 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
18	0.653 *		5.122 *	2.431 *	1.175 *	0.812 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
19	0.719 *		2.651 *	2.387 *	1.175 *	0.784 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
20	0.684 *		2.607 *	2.302 *	1.175 *	0.757 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
21	1.080 *		2.220 *	2.260 *	1.175 *	0.730 *	0.987 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
22	0.898 *		1.855 *	2.218 *	1.143 *	0.677 *	0.928 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
23	0.706 *		1.894 *	2.218 *	1.111 *	0.651 *	0.869 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
24	0.600 *		2.904 *	2.303 *	1.111 *	0.625 *	0.869 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
25	0.625 *		2.176 *	2.345 *	1.111 *	0.600 *	0.869 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
26	0.703 *		7.902 *	2.345 *	1.111 *	0.600 *	0.840 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
27	0.651 *		8.133 *	2.345 *	1.143 *	0.600 *	0.812 *	0.600 *	0.600 *	0.600 *	0.600 *	0.881 *
28	0.651 *		5.371 *	2.260 *	1.175 *	0.600 *	0.784 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
29	0.703 *		4.076 *	2.218 *	1.143 *	1.111 *	0.757 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
30	0.730 *		4.458 *	2.218 *	1.111 *	1.111 *	0.757 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
31	0.786 *		3.164 *		1.080 *		0.757 *	0.600 *		0.600 *		0.600 *
Caudal Max.	2.925 *		9.828 *	12.524 *	2.218 *	1.111 *	1.111 *	0.757 *	0.600 *	0.600 *	0.600 *	1.111 *
Día	19		26	15	1	wv	1	1	vv	vv	vv	27
Hora	17		7	7	7		7	7				7
Caudal Min.	0.600 *		1.518 *	1.739 *	1.048 *	0.600 *	0.757 *	0.600 *	0.600 *	0.600 *	0.600 *	0.600 *
Día	25		13	13	31	wv	vv	vv	vv	vv	vv	vv
Hora	7		17	17	17							
Caudal Medio	0.783		2.924	2.489	1.407	0.862	0.954	0.625	0.600	0.600	0.600	0.609

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



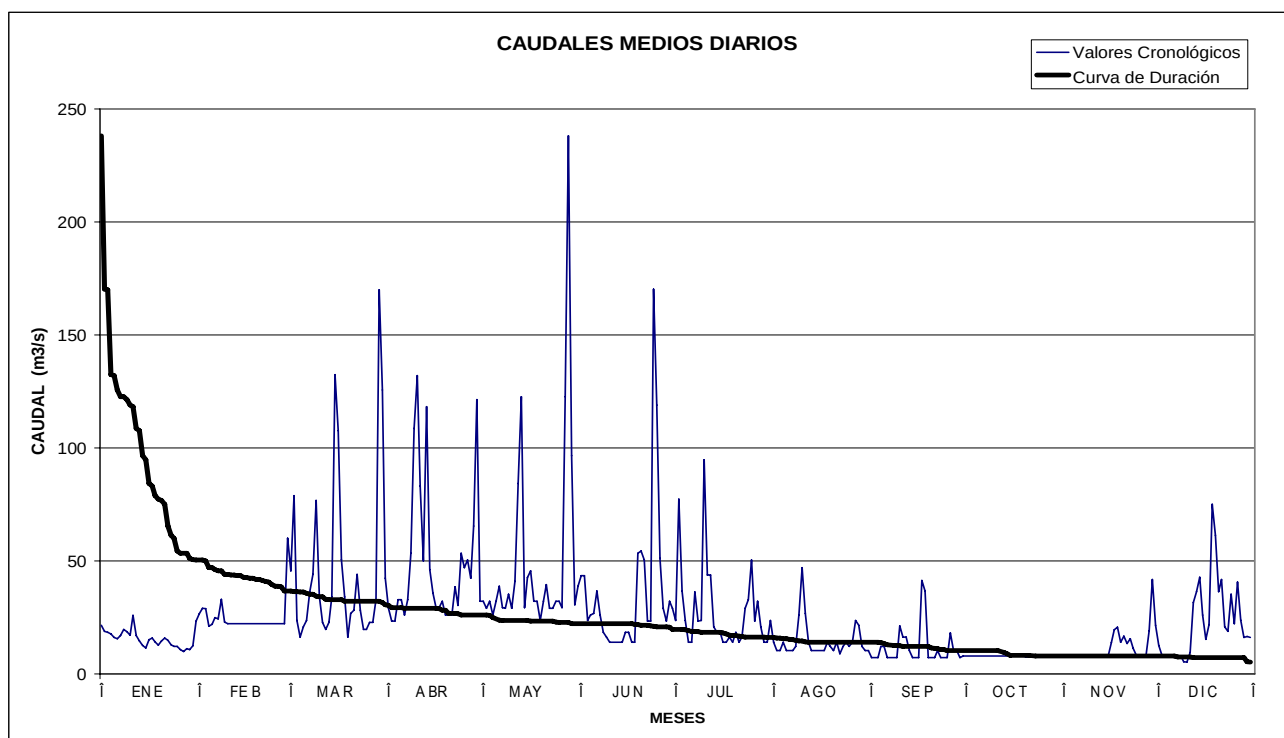
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H529	JUBONES DJ S.FRANCISCO											Area Drenaje:3320 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	21.674	26.710	60.112 *	42.399 *	32.209 *	38.885 *	29.047 *	23.744 *	10.440 *	7.932	7.932	21.521
2	18.908	29.047	45.626 *	29.047 *	32.209 *	43.522 *	23.744 *	14.125 *	7.364 *	7.932	7.932	12.576
3	18.441	28.893	78.979 *	23.409 *	29.047 *	43.522 *	77.309 *	10.440 *	7.364 *	7.932	7.932	8.224
4	17.804	21.213	23.744 *	23.409 *	32.209 *	23.744 *	36.776 *	10.440 *	7.364 *	7.932	7.932	8.224
5	16.203	22.046	16.283 *	32.904 *	26.228 *	26.228 *	23.744 *	14.125 *	12.282 *	7.932	7.932	7.932
6	15.690	24.942	20.925 *	32.904 *	32.209 *	26.906 *	14.125 *	10.440 *	12.282 *	7.932	7.932	8.224
7	17.080	24.482	23.744 *	26.228 *	38.885 *	36.776 *	14.125 *	10.440 *	7.364 *	7.932	7.932	8.224
8	19.702	32.982	36.373 *	32.904 *	29.390 *	26.228 *	36.373 *	10.440 *	7.364 *	7.932	8.138	7.932
9	18.718	22.908	44.132 *	53.436 *	29.047 *	18.441 *	23.409 *	12.282 *	7.364 *	7.932	7.932	7.932
10	17.256	22.362	76.821 *	108.671 *	35.371 *	16.283 *	23.744 *	26.228 *	7.364 *	7.932	7.932	5.444 *
11	25.999	22.362	34.530 *	132.107 *	29.047 *	14.125 *	94.830 *	46.996 *	21.368 *	7.932	7.932	5.326 *
12	17.079	22.362	22.905 *	83.201 *	41.015 *	14.125 *	43.834 *	26.906 *	16.283 *	7.932	7.932	9.529 *
13	14.670	22.362	19.743 *	50.144 *	84.282 *	14.125 *	43.834 *	14.125 *	16.283 *	7.932	7.645	31.636 *
14	12.734	22.362	22.905 *	118.245 *	122.612 *	14.125 *	20.925 *	10.440 *	10.440 *	7.932	7.645	36.445 *
15	11.531	22.362	34.292 *	46.271 *	29.390 *	14.125 *	18.441 *	10.440 *	7.364 *	7.932	7.932	42.877 *
16	15.238	22.362	132.544 *	35.723 *	42.757 *	18.441 *	18.441 *	10.440 *	7.364 *	7.932	7.932	26.107 *
17	15.972	22.362	107.696 *	29.047 *	45.626 *	18.441 *	14.125 *	10.440 *	7.364 *	7.932	13.897	15.356 *
18	14.191	22.362	50.617 *	29.390 *	32.209 *	14.125 *	14.125 *	10.440 *	41.349 *	7.932	19.597	21.852 *
19	12.823	22.362	34.292 *	32.209 *	32.209 *	14.125 *	16.283 *	14.125 *	36.776 *	7.932	20.790	75.061 *
20	14.658	22.362	16.283 *	26.228 *	23.744 *	53.509 *	14.125 *	12.282 *	7.364 *	7.932	14.143	61.403 *
21	15.933	22.362	26.906 *	26.228 *	32.209 *	54.382 *	18.441 *	10.440 *	7.364 *	7.645	16.802	36.402 *
22	14.920	22.362	28.262 *	26.228 *	39.595 *	50.510 *	14.125 *	14.125 *	7.364 *	7.645	13.478	41.797 *
23	12.954	22.362	44.132 *	38.531 *	29.047 *	23.409 *	16.283 *	8.902 *	10.440 *	7.645	15.629	20.895 *
24	12.205	22.362	28.262 *	30.420 *	29.047 *	23.409 *	29.047 *	12.282 *	7.364 *	7.932	11.420	18.908 *
25	12.205	22.362	19.743 *	53.509 *	32.209 *	170.317 *	32.904 *	14.125 *	7.364 *	7.932	8.224	35.385 *
26	10.749	22.362	19.743 *	46.996 *	32.209 *	119.004 *	50.510 *	12.282 *	7.364 *	7.932	8.224	22.362 *
27	10.013	22.362	22.905 *	50.510 *	29.390 *	51.255 *	23.409 *	14.125 *	18.205 *	7.932	8.224	40.729 *
28	11.314	22.362	22.905 *	42.399 *	122.612 *	29.047 *	32.134 *	23.744 *	10.440 *	7.932	7.932	23.848 *
29	10.780		32.904 *	65.488 *	238.045 *	23.409 *	20.925 *	21.586 *	10.440 *	7.932	19.171	16.203 *
30	12.542		169.895 *	121.433 *	96.652 *	32.209 *	14.125 *	12.282 *	7.364 *	7.932	41.780	16.666 *
31	23.409		125.570 *		30.635 *		14.125 *	10.440 *		7.932		16.203 *
Caudal Max.	27.284	35.371	186.346 *	221.815 *	452.680 *	186.346 *	154.289 *	58.621 *	77.825 *	7.932	55.141	84.183 *
Día	11	8	17	11	31	25	11	11	18	vv	30	19
Hora	6	1	18	6	6	6	18	18	18		12	18
Caudal Mín.	9.454	14.937	10.440 *	18.441 *	11.127 *	14.125 *	14.125 *	7.364 *	4.874 *	7.645	7.645	5.326 *
Día	27	4	12	24	31	vv	vv	23	18	vv	vv	11
Hora	10	20	6	6	6			18	18			18
Caudal Medio	15.593	23.504	46.573	49.654	48.753	35.558	27.980	14.957	11.741	7.904	11.528	22.943

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

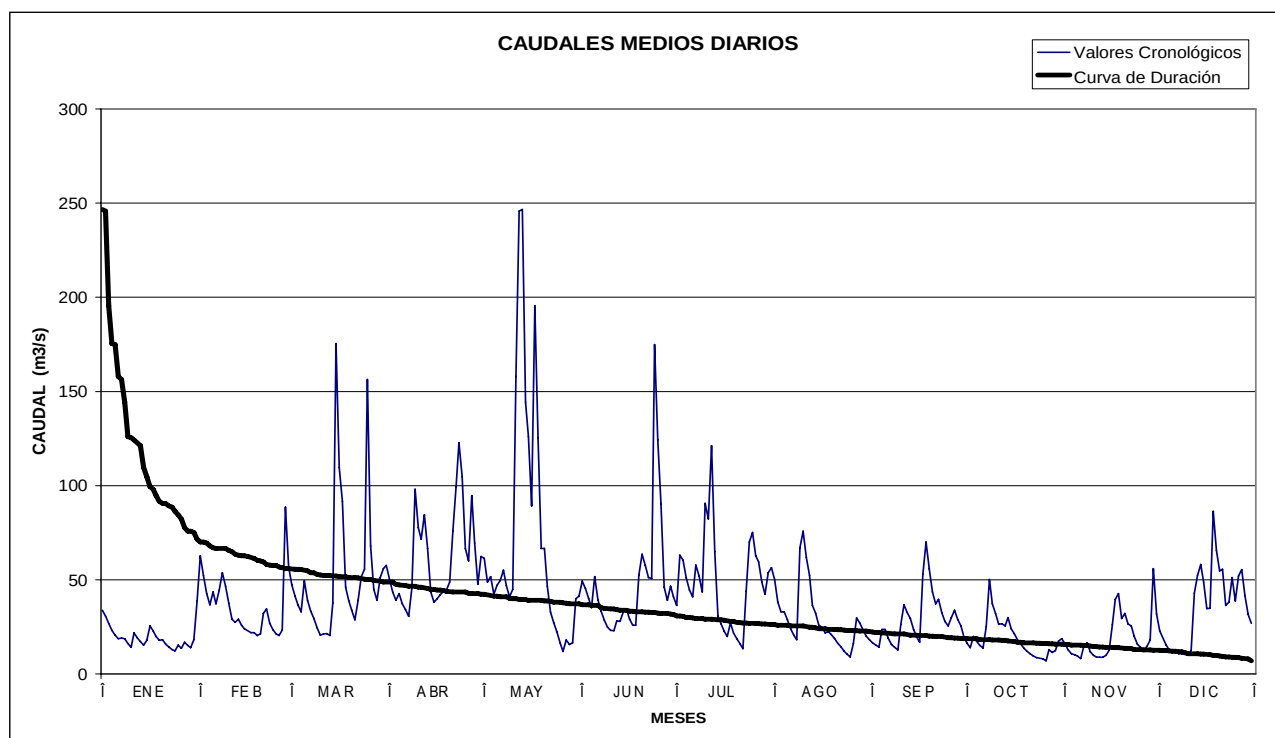


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H530	JUBONES EN USHCURRUMI											Area Drenaje:3580 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	33.925 *	62.791 *	56.855 *	57.753 *	62.470 *	41.441 *	40.971 *	56.465 *	18.250 *	19.325 *	18.681 *	31.852 *
2	30.870 *	52.270 *	47.308 *	50.502 *	61.369 *	49.438 *	36.505 *	50.090 *	16.616 *	16.445 *	16.040 *	22.805 *
3	26.902 *	42.809 *	41.321 *	43.521 *	48.888 *	45.408 *	63.202 *	38.188 *	15.460 *	13.990 *	12.829 *	19.124 *
4	23.281 *	36.843 *	36.831 *	39.209 *	51.742 *	40.251 *	60.484 *	32.995 *	14.347 *	19.992 *	10.879 *	15.472 *
5	20.666 *	43.521 *	32.995 *	42.768 *	42.411 *	35.200 *	50.939 *	32.984 *	23.688 *	17.427 *	10.290 *	12.958 *
6	18.681 *	37.169 *	49.550 *	37.169 *	47.073 *	51.832 *	44.619 *	28.848 *	23.778 *	15.268 *	9.443 *	12.652 *
7	19.169 *	44.471 *	39.209 *	34.236 *	49.708 *	39.563 *	40.959 *	24.034 *	18.917 *	13.815 *	8.257 *	12.787 *
8	18.681 *	53.832 *	33.314 *	30.600 *	55.124 *	33.299 *	57.764 *	20.666 *	15.646 *	25.241 *	14.881 *	10.735 *
9	16.229 *	46.531 *	29.408 *	45.778 *	46.947 *	28.574 *	52.150 *	18.250 *	14.170 *	50.294 *	16.528 *	10.730 *
10	14.170 *	37.637 *	24.559 *	98.227 *	40.959 *	24.791 *	43.578 *	67.103 *	12.787 *	37.169 *	11.851 *	10.434 *
11	21.832 *	29.126 *	20.666 *	77.703 *	45.001 *	23.281 *	90.624 *	75.765 *	26.223 *	32.137 *	9.859 *	10.581 *
12	19.325 *	27.462 *	21.355 *	71.704 *	157.905 *	23.031 *	82.356 *	61.920 *	36.843 *	26.357 *	9.169 *	12.554 *
13	17.219 *	29.141 *	21.592 *	84.637 *	245.879 *	28.328 *	121.250 *	52.322 *	32.681 *	26.656 *	8.902 *	42.885 *
14	15.454 *	25.826 *	20.455 *	66.665 *	246.610 *	28.000 *	65.033 *	36.505 *	29.408 *	25.576 *	8.902 *	52.451 *
15	18.008 *	24.024 *	37.812 *	43.521 *	144.466 *	32.905 *	30.870 *	32.399 *	23.791 *	30.113 *	9.864 *	58.236 *
16	25.565 *	23.031 *	175.427 *	38.176 *	126.051 *	34.558 *	26.638 *	25.868 *	19.549 *	24.024 *	12.624 *	48.905 *
17	22.791 *	22.065 *	109.689 *	39.921 *	89.203 *	29.126 *	22.791 *	24.791 *	16.817 *	21.362 *	26.223 *	34.693 *
18	19.992 *	22.065 *	91.706 *	42.041 *	195.467 *	25.833 *	20.005 *	21.825 *	52.933 *	18.052 *	39.725 *	34.931 *
19	17.839 *	20.436 *	46.153 *	43.883 *	125.479 *	25.896 *	26.966 *	22.545 *	70.083 *	15.841 *	42.769 *	86.360 *
20	18.257 *	21.355 *	38.871 *	44.718 *	66.772 *	52.531 *	21.602 *	20.892 *	55.857 *	13.644 *	29.408 *	65.631 *
21	15.841 *	32.294 *	33.925 *	48.905 *	66.621 *	63.716 *	18.681 *	18.901 *	43.505 *	12.130 *	32.271 *	54.861 *
22	14.353 *	34.558 *	28.848 *	75.918 *	46.698 *	57.740 *	16.040 *	16.421 *	37.169 *	10.735 *	26.628 *	55.596 *
23	12.953 *	26.916 *	39.209 *	99.532 *	32.748 *	51.338 *	13.475 *	14.539 *	39.583 *	9.720 *	25.593 *	36.505 *
24	12.290 *	23.524 *	51.729 *	122.777 *	27.198 *	50.621 *	43.932 *	12.138 *	32.718 *	8.771 *	20.051 *	38.176 *
25	15.454 *	21.362 *	55.567 *	104.788 *	22.308 *	175.064 *	70.107 *	10.583 *	28.000 *	8.383 *	15.841 *	51.313 *
26	13.644 *	20.442 *	156.454 *	66.592 *	16.528 *	124.219 *	75.269 *	9.171 *	25.565 *	8.132 *	14.170 *	38.919 *
27	16.817 *	23.417 *	68.086 *	60.177 *	11.972 *	90.348 *	62.773 *	16.229 *	30.019 *	7.065 *	12.624 *	52.155 *
28	15.268 *	88.573 *	45.042 *	94.687 *	18.052 *	46.153 *	59.604 *	29.737 *	33.925 *	12.958 *	14.728 *	55.549 *
29	13.990 *		39.209 *	69.628 *	15.646 *	39.209 *	48.888 *	27.169 *	28.891 *	11.495 *	18.040 *	41.771 *
30	18.257 *		51.321 *	47.695 *	16.494 *	46.522 *	42.431 *	23.524 *	25.649 *	12.523 *	56.024 *	31.792 *
31	38.593 *		55.992 *		39.923 *		53.780 *	20.222 *		17.591 *		26.937 *
Caudal Max.	41.671 *	100.860 *	217.074 *	171.381 *	374.800 *	213.909 *	124.129 *	77.357 *	90.973 *	55.974 *	65.139 *	99.588 *
Día	31	28	26	24	13	25	13	10	18	9	30	19
Hora	18	7	7	18	18	7	7	7	18	7	7	18
Caudal Min.	12.127 *	19.762 *	19.322 *	28.834 *	11.492 *	22.541 *	12.784 *	8.902 *	11.492 *	6.724 *	8.132 *	10.288 *
Día	24	26	14	8	27	11	23	26	11	27	7	8
Hora	18	7	7	18	18	7	18	18	7	18	18	18
Caudal Medio	19.559	34.768	51.628	60.781	73.023	47.941	48.525	30.422	28.762	18.782	18.770	35.173

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

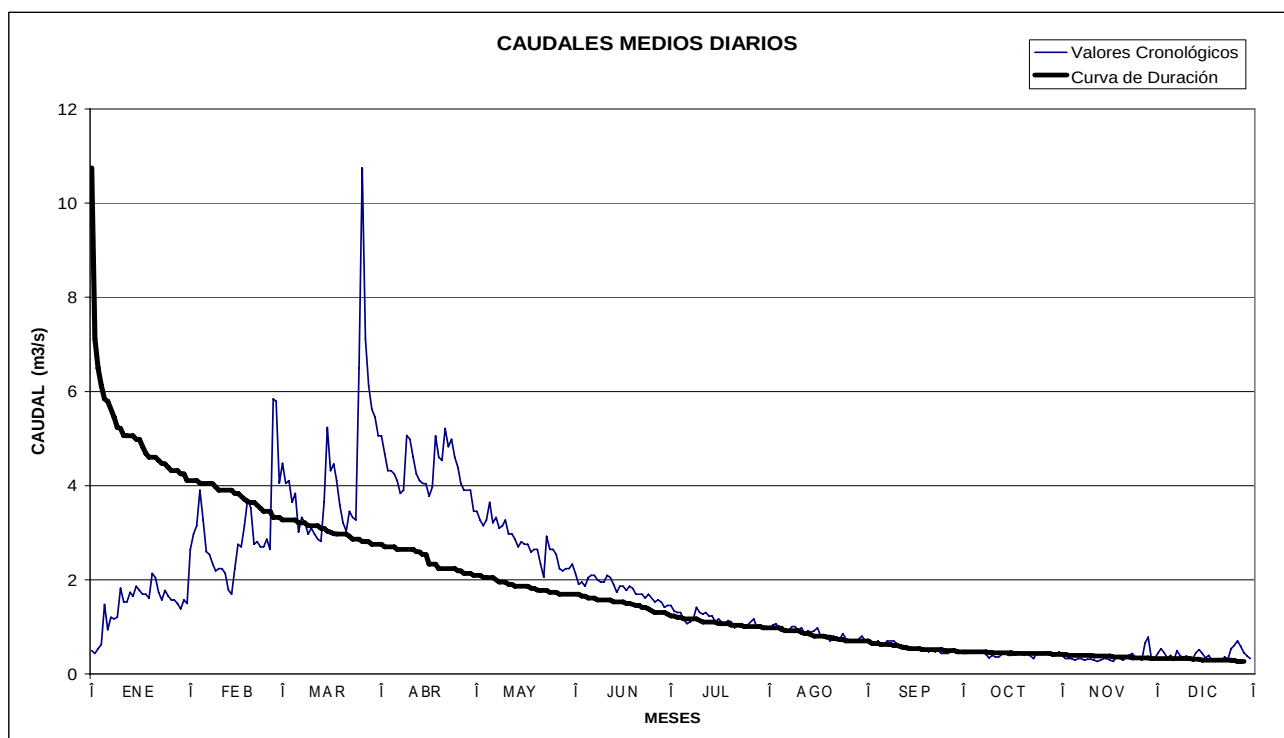


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H531	CASACAY AJ JUBONES											Area Drenaje:127 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.497 *	2.647 *	4.053 *	5.061 *	3.457 *	2.335 *	1.457 *	1.010 *	0.701 *	0.475 *	0.475 *	0.330 *
2	0.436 *	2.977 *	4.474 *	5.062 *	3.455 *	2.140 *	1.457 *	0.978 *	0.701 *	0.436 *	0.382 *	0.438 *
3	0.542 *	3.152 *	4.043 *	4.682 *	3.272 *	1.911 *	1.345 *	1.040 *	0.628 *	0.436 *	0.330 *	0.539 *
4	0.632 *	3.908 *	4.110 *	4.319 *	3.152 *	1.955 *	1.309 *	1.071 *	0.652 *	0.475 *	0.330 *	0.456 *
5	1.480 *	3.272 *	3.650 *	4.321 *	3.272 *	1.866 *	1.309 *	0.978 *	0.701 *	0.436 *	0.330 *	0.346 *
6	0.940 *	2.602 *	3.840 *	4.249 *	3.646 *	2.046 *	1.170 *	1.010 *	0.628 *	0.455 *	0.298 *	0.399 *
7	1.208 *	2.539 *	3.014 *	4.110 *	3.211 *	2.094 *	1.071 *	0.919 *	0.629 *	0.475 *	0.330 *	0.284 *
8	1.170 *	2.335 *	3.332 *	3.840 *	3.332 *	2.093 *	1.104 *	0.919 *	0.701 *	0.456 *	0.330 *	0.499 *
9	1.205 *	2.189 *	3.211 *	3.908 *	3.095 *	2.001 *	1.170 *	1.009 *	0.701 *	0.418 *	0.298 *	0.382 *
10	1.824 *	2.236 *	2.977 *	5.066 *	3.152 *	1.955 *	1.419 *	1.010 *	0.701 *	0.346 *	0.314 *	0.363 *
11	1.536 *	2.236 *	3.093 *	4.984 *	3.272 *	1.955 *	1.309 *	0.919 *	0.652 *	0.399 *	0.315 *	0.382 *
12	1.536 *	2.140 *	2.977 *	4.609 *	2.977 *	2.093 *	1.274 *	0.978 *	0.560 *	0.363 *	0.298 *	0.298 *
13	1.738 *	1.787 *	2.864 *	4.249 *	2.979 *	2.046 *	1.309 *	0.861 *	0.605 *	0.363 *	0.268 *	0.346 *
14	1.655 *	1.696 *	2.819 *	4.110 *	2.864 *	1.911 *	1.238 *	0.919 *	0.517 *	0.417 *	0.298 *	0.456 *
15	1.866 *	2.236 *	3.656 *	4.043 *	2.698 *	1.737 *	1.238 *	0.889 *	0.517 *	0.436 *	0.330 *	0.519 *
16	1.780 *	2.753 *	5.239 *	4.042 *	2.809 *	1.866 *	1.104 *	0.919 *	0.560 *	0.399 *	0.330 *	0.438 *
17	1.696 *	2.699 *	4.321 *	3.774 *	2.753 *	1.866 *	1.170 *	0.978 *	0.538 *	0.399 *	0.298 *	0.346 *
18	1.698 *	3.152 *	4.464 *	3.974 *	2.753 *	1.780 *	1.104 *	0.806 *	0.517 *	0.417 *	0.268 *	0.399 *
19	1.614 *	3.717 *	4.110 *	5.062 *	2.592 *	1.866 *	1.073 *	0.834 *	0.496 *	0.475 *	0.363 *	0.298 *
20	2.140 *	3.522 *	3.583 *	4.609 *	2.645 *	1.822 *	1.138 *	0.806 *	0.517 *	0.456 *	0.330 *	0.268 *
21	2.046 *	2.755 *	3.211 *	4.538 *	2.647 *	1.696 *	1.104 *	0.701 *	0.475 *	0.399 *	0.298 *	0.330 *
22	1.738 *	2.809 *	3.035 *	5.218 *	2.335 *	1.696 *	0.980 *	0.806 *	0.517 *	0.436 *	0.346 *	0.298 *
23	1.573 *	2.699 *	3.455 *	4.832 *	2.054 *	1.696 *	1.040 *	0.780 *	0.475 *	0.381 *	0.399 *	0.363 *
24	1.780 *	2.698 *	3.332 *	4.984 *	2.925 *	1.614 *	1.073 *	0.726 *	0.496 *	0.330 *	0.436 *	0.315 *
25	1.655 *	2.864 *	3.272 *	4.609 *	2.647 *	1.696 *	1.040 *	0.861 *	0.436 *	0.456 *	0.363 *	0.539 *
26	1.574 *	2.645 *	6.494 *	4.391 *	2.645 *	1.614 *	1.040 *	0.752 *	0.436 *	0.418 *	0.346 *	0.605 *
27	1.574 *	5.846 *	10.750 *	4.043 *	2.539 *	1.534 *	1.104 *	0.726 *	0.436 *	0.417 *	0.298 *	0.703 *
28	1.496 *	5.794 *	7.124 *	3.908 *	2.236 *	1.574 *	1.170 *		0.475 *	0.475 *	0.658 *	0.583 *
29	1.382 *		6.126 *	3.907 *	2.189 *	1.534 *	0.978 *		0.475 *	0.459 *	0.784 *	0.456 *
30	1.574 *		5.620 *	3.908 *	2.236 *	1.419 *	1.009 *	0.752 *	0.517 *	0.382 *	0.330 *	0.382 *
31	1.496 *		5.457 *		2.236 *		1.010 *	0.806 *		0.399 *		0.330 *
Caudal Max.	2.285 *	8.299 *	11.464 *	5.376 *	3.774 *	2.384 *	1.495 *		0.726 *	0.538 *	1.071 *	0.779 *
Día	5	27	27	10	6	1	2		1	29	29	27
Hora	7	7	7	7	7	17	7		7	7	7	7
Caudal Mín.	0.417 *	1.573 *	2.384 *	3.774 *	1.822 *	1.419 *	0.889 *		0.417 *	0.314 *	0.254 *	0.254 *
Día	2	13	7	30	23	30	22		26	24	13	7
Hora	17	17	18	17	17	7	17		17	7	17	17
Caudal Medio	1.454	2.925	4.248	4.414	2.841	1.847	1.171	0.888	0.565	0.422	0.359	0.409

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



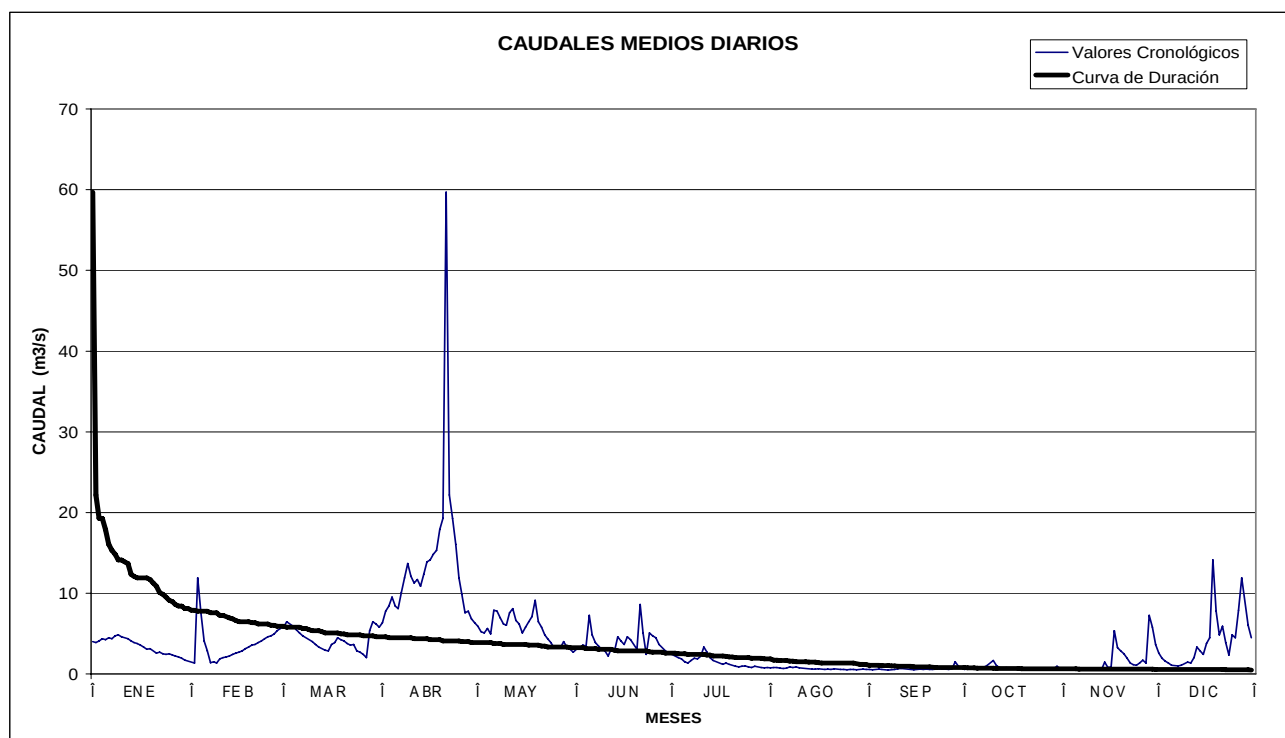
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H547	RIRCAY EN P.ALTO SALTANA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	4.012 *	1.468 *	5.643 *	5.782 *	6.356 *	2.692 *	2.603 *	0.817 *	0.571 *	0.817 *	0.687 *	3.681 *
2	3.900 *	1.344 *	5.782 *	6.356 *	5.922 *	3.066 *	2.430 *	0.772 *	0.571 *	0.571 *	0.647 *	2.603 *
3	4.126 *	11.913 *	6.505 *	7.765 *	5.238 *	3.264 *	2.264 *	0.817 *	0.534 *	0.687 *	0.608 *	1.951 *
4	4.360 *	7.601 *	6.210 *	8.444 *	5.107 *	3.574 *	2.027 *	0.817 *	0.571 *	0.647 *	0.608 *	1.598 *
5	4.242 *	4.126 *	5.922 *	9.525 *	5.643 *	3.469 *	1.877 *	0.729 *	0.608 *	0.647 *	0.647 *	1.344 *
6	4.480 *	2.876 *	5.506 *	8.444 *	4.978 *	7.278 *	1.532 *	0.687 *	0.571 *	0.687 *	0.647 *	1.115 *
7	4.360 *	1.405 *	5.107 *	8.101 *	7.932 *	4.850 *	1.344 *	0.729 *	0.534 *	0.729 *	0.571 *	1.062 *
8	4.725 *	1.532 *	4.725 *	10.093 *	7.765 *	3.900 *	1.665 *	0.910 *	0.500 *	0.863 *	0.534 *	1.010 *
9	4.850 *	1.344 *	4.480 *	11.913 *	6.963 *	3.469 *	1.951 *	0.817 *	0.534 *	1.062 *	0.687 *	1.115 *
10	4.602 *	1.877 *	4.242 *	13.678 *	6.210 *	3.066 *	1.877 *	0.910 *	0.571 *	1.344 *	0.647 *	1.284 *
11	4.480 *	2.027 *	4.012 *	12.126 *	6.065 *	2.876 *	2.183 *	0.772 *	0.647 *	1.665 *	0.608 *	1.468 *
12	4.360 *	2.104 *	3.681 *	11.287 *	7.601 *	2.264 *	3.365 *	0.729 *	0.687 *	1.062 *	0.608 *	1.344 *
13	4.126 *	2.264 *	3.365 *	11.702 *	8.101 *	3.164 *	2.783 *	0.687 *	0.647 *	0.817 *	0.571 *	2.027 *
14	3.900 *	2.430 *	3.164 *	10.880 *	6.655 *	2.876 *	2.027 *	0.647 *	0.608 *	0.647 *	0.534 *	3.365 *
15	3.789 *	2.603 *	2.970 *	12.341 *	6.210 *	4.602 *	1.665 *	0.608 *	0.571 *	0.817 *	1.468 *	2.876 *
16	3.574 *	2.692 *	2.876 *	13.909 *	5.107 *	4.126 *	1.532 *	0.608 *	0.534 *	0.729 *	0.817 *	2.430 *
17	3.365 *	2.876 *	3.681 *	14.142 *	5.782 *	3.681 *	1.344 *	0.647 *	0.571 *	0.647 *	0.910 *	3.789 *
18	3.066 *	3.164 *	3.900 *	14.853 *	6.505 *	4.602 *	1.226 *	0.608 *	0.608 *	0.608 *	5.371 *	4.480 *
19	3.164 *	3.365 *	4.480 *	15.339 *	7.119 *	4.242 *	1.344 *	0.571 *	0.571 *	0.608 *	3.264 *	14.142 *
20	2.876 *	3.574 *	4.242 *	17.904 *	9.156 *	3.681 *	1.226 *	0.608 *	0.608 *	0.647 *	2.876 *	7.765 *
21	2.603 *	3.681 *	4.126 *	19.273 *	6.505 *	3.066 *	1.115 *	0.571 *	0.571 *	0.608 *	2.516 *	4.850 *
22	2.692 *	3.900 *	3.789 *	59.682 *	5.782 *	8.619 *	0.959 *	0.647 *	0.571 *	0.608 *	1.951 *	5.922 *
23	2.516 *	4.126 *	3.574 *	22.185 *	4.850 *	5.107 *	0.910 *	0.608 *	0.608 *	0.729 *	1.344 *	3.900 *
24	2.430 *	4.360 *	3.681 *	19.273 *	4.360 *	2.430 *	0.959 *	0.571 *	0.647 *	0.647 *	1.170 *	2.346 *
25	2.516 *	4.602 *	2.876 *	16.085 *	3.900 *	5.107 *	1.010 *	0.571 *	0.608 *	0.608 *	1.115 *	4.850 *
26	2.346 *	4.725 *	2.692 *	11.913 *	3.264 *	4.725 *	0.910 *	0.534 *	0.608 *	0.608 *	1.344 *	4.480 *
27	2.264 *	4.978 *	2.430 *	9.901 *	3.365 *	4.480 *	0.817 *	0.571 *	0.571 *	0.571 *	1.734 *	7.932 *
28	2.104 *	5.371 *	2.027 *	7.601 *	3.264 *	3.681 *	0.959 *	0.571 *	0.647 *	0.608 *	1.344 *	11.913 *
29	1.951 *		5.371 *	7.765 *	4.012 *	3.264 *	0.910 *	0.534 *	1.532 *	0.647 *	7.278 *	8.975 *
30	1.734 *		6.505 *	6.808 *	3.365 *	2.876 *	0.817 *	0.571 *	0.959 *	0.687 *	5.782 *	6.065 *
31	1.598 *		6.210 *		3.066 *		0.772 *	0.608 *		0.959 *		4.480 *
Caudal Max.	4.850 *	11.913 *	6.505 *	59.682 *	9.156 *	8.619 *	3.365 *	0.910 *	1.532 *	1.665 *	7.278 *	14.142 *
Día	9	3	vv	22	20	22	12	vv	29	11	29	19
Hora	6	6		6	6	6	6		6	6	6	6
Caudal Mín.	1.598 *	1.344 *	2.027 *	5.781 *	3.066 *	2.264 *	0.772 *	0.534 *	0.500 *	0.571 *	0.534 *	1.010 *
Día	31	vv	28	1	31	12	31	vv	8	vv	vv	8
Hora	6		6	6	6	6	6		6			6
Caudal Medio	3.391	3.512	4.315	13.502	5.682	3.937	1.561	0.672	0.631	0.761	1.630	4.070

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



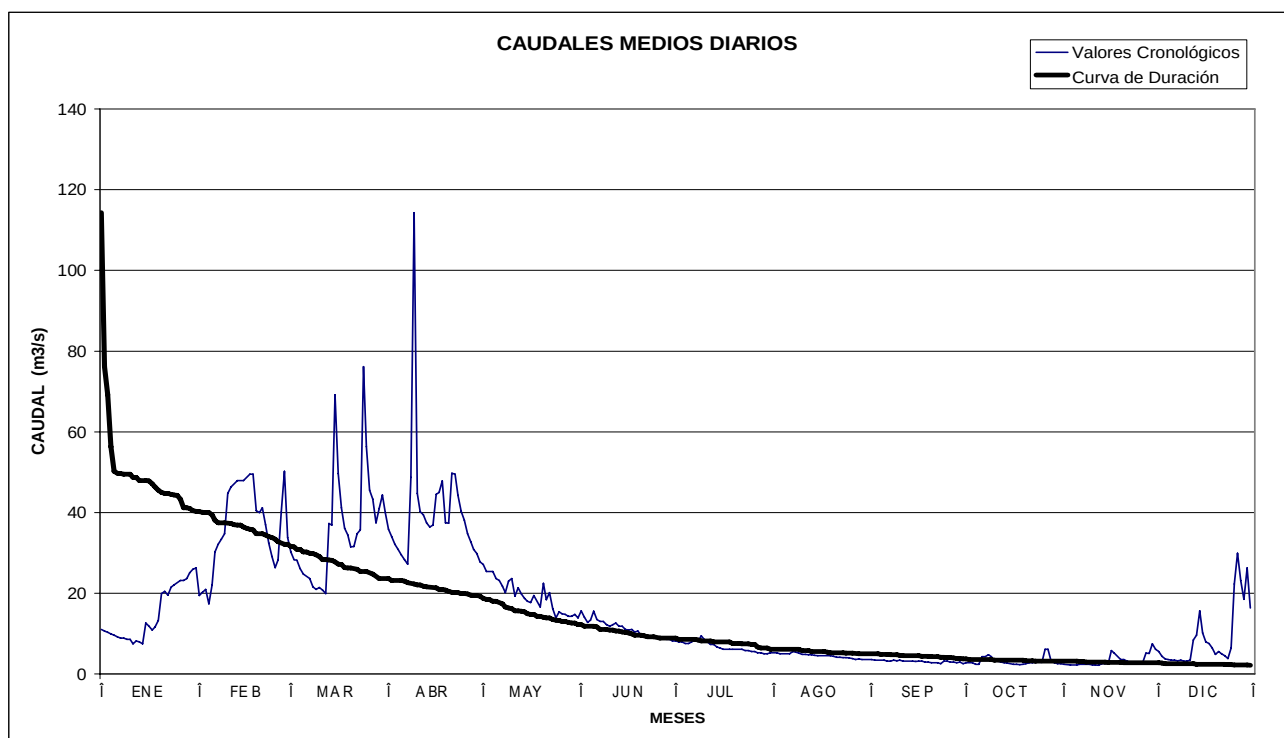
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H587	PINDO AJ AMARILLO											Area Drenaje:543 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	11.088 *	19.476 *	33.791	39.960	27.756	13.905	8.258 *	5.306 *	3.627 *	2.622 *	2.622 *	6.124 *
2	10.711 *	20.239 *	30.211	35.920	27.159	15.658	8.258 *	5.306 *	3.627 *	2.810 *	2.441 *	5.572 *
3	10.341 *	21.018 *	28.360	34.023	25.405	14.097	7.934 *	5.306 *	3.413 *	2.810 *	2.353 *	4.434 *
4	9.978 *	17.434 *	28.214	32.121	25.405	12.789	7.934 *	5.047 *	3.413 *	2.810 *	2.266 *	3.737 *
5	9.621 *	22.077 *	26.146	30.842	25.405	13.328	7.616 *	5.047 *	3.413 *	2.441 *	2.266 *	3.627 *
6	9.270 *	30.215 *	24.757	29.524	23.710	15.607	7.616 *	5.047 *	3.413 *	2.441 *	2.266 *	3.413 *
7	8.927 *	32.121 *	24.250	28.360	23.131	13.550	7.934 *	5.047 *	3.205 *	4.307 *	2.441 *	3.413 *
8	8.927 *	33.427 *	23.628	27.280	21.715	13.068	8.589 *	5.572 *	3.205 *	4.307 *	2.441 *	3.309 *
9	8.589 *	34.758 *	21.586	48.713	20.197	13.068	8.258 *	5.439 *	3.413 *	4.807 *	2.441 *	3.413 *
10	8.589 *	44.808 *	21.015	114.335	23.024	12.286	9.446 *	5.176 *	3.309 *	4.307 *	2.441 *	3.205 *
11	7.479 *	46.347 *	21.442	44.732	23.648	11.860	8.589 *	4.920 *	3.413 *	3.309 *	2.266 *	3.205 *
12	8.258 *	47.127 *	20.863	40.274	19.282	12.256	7.934 *	4.920 *	3.205 *	3.205 *	2.266 *	3.413 *
13	7.934 *	47.913 *	19.976	39.475	21.339	12.659	7.304 *	4.794 *	3.205 *	3.004 *	2.182 *	8.424 *
14	7.479 *	47.913 *	37.297	37.500	19.869	11.860	7.304 *	4.794 *	3.205 *	2.810 *	2.531 *	9.624 *
15	12.662 *	47.913 *	36.909	36.412	18.769	11.860	6.701 *	4.671 *	3.205 *	2.716 *	2.531 *	15.661 *
16	11.860 *	48.706 *	69.202	36.891	17.996	11.032	6.409 *	4.547 *	3.105 *	2.622 *	2.531 *	10.179 *
17	10.906 *	49.505 *	49.669	44.558	17.727	10.910	6.124 *	4.547 *	3.205 *	2.441 *	5.848 *	7.934 *
18	11.672 *	49.505 *	41.206	44.964	19.476	11.075	6.124 *	4.547 *	3.205 *	2.441 *	5.183 *	7.616 *
19	13.275 *	40.491	36.116	47.824	17.996	10.401	6.124 *	4.547 *	3.004 *	2.353 *	4.434 *	6.412 *
20	19.983 *	39.984	34.505	37.500	16.574	10.711	6.124 *	4.547 *	3.004 *	2.441 *	3.627 *	4.875 *
21	20.496 *	41.155	31.478	37.362	22.502	9.621 *	6.124 *	4.427 *	2.810 *	2.622 *	3.627 *	5.572 *
22	19.505 *	37.004	31.574	49.739	18.432	9.270 *	6.124 *	4.191 *	2.810 *	2.810 *	3.205 *	5.047 *
23	21.541 *	32.452	34.758	49.472	20.217	9.270 *	6.124 *	4.191 *	2.810 *	2.810 *	2.907 *	4.547 *
24	22.074 *	29.133	35.736	44.314	16.230	8.927 *	5.845 *	4.074 *	2.622 *	2.907 *	2.622 *	3.850 *
25	22.613 *	26.382	76.201	40.345	13.905	8.927 *	5.845 *	4.074 *	3.205 *	3.004 *	2.813 *	6.412 *
26	23.158 *	28.319	56.318	38.102	15.453	9.098 *	5.572 *	3.961 *	3.205 *	2.907 *	2.907 *	22.337 *
27	23.158 *	40.077	45.574	34.758	14.958	8.927 *	5.572 *	3.847 *	3.004 *	6.124 *	2.907 *	29.919 *
28	23.713 *	50.212	43.294	32.771	14.769	8.927 *	5.306 *	3.627 *	3.004 *	6.124 *	5.183 *	23.161 *
29	25.119 *		37.500	30.842	14.334	8.589 *	5.306 *	3.737 *	2.810 *	3.105 *	5.099 *	18.483 *
30	25.983 *		41.019	29.841	14.334	8.589 *	5.047 *	3.627 *	3.004 *	2.810 *	7.460 *	26.282 *
31	26.275 *		44.377		14.765		5.047 *	3.627 *		2.622 *		16.363 *
Caudal Max.	26.568 *	97.750 *	169.593	137.157	39.624	25.983 *	9.621 *	5.572 *	3.627 *	6.123 *	7.616 *	31.478 *
Día	31	26	25	10	21	1	10	8	vv	27	30	27
Hora	18	7	20	6	19	7	18	6		7	7	18
Caudal Mín.	6.701 *	12.256 *	19.476	26.568	13.905	8.589 *	5.047 *	3.627 *	2.622 *	2.266 *	2.097 *	3.205 *
Día	14	4	13	8	25	vv	vv	vv	24	19	13	vv
Hora	7	18	4	1	16				18	7	7	
Caudal Medio	14.877	36.633	35.709	40.625	19.854	11.404	6.854	4.597	3.169	3.189	3.204	9.018

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



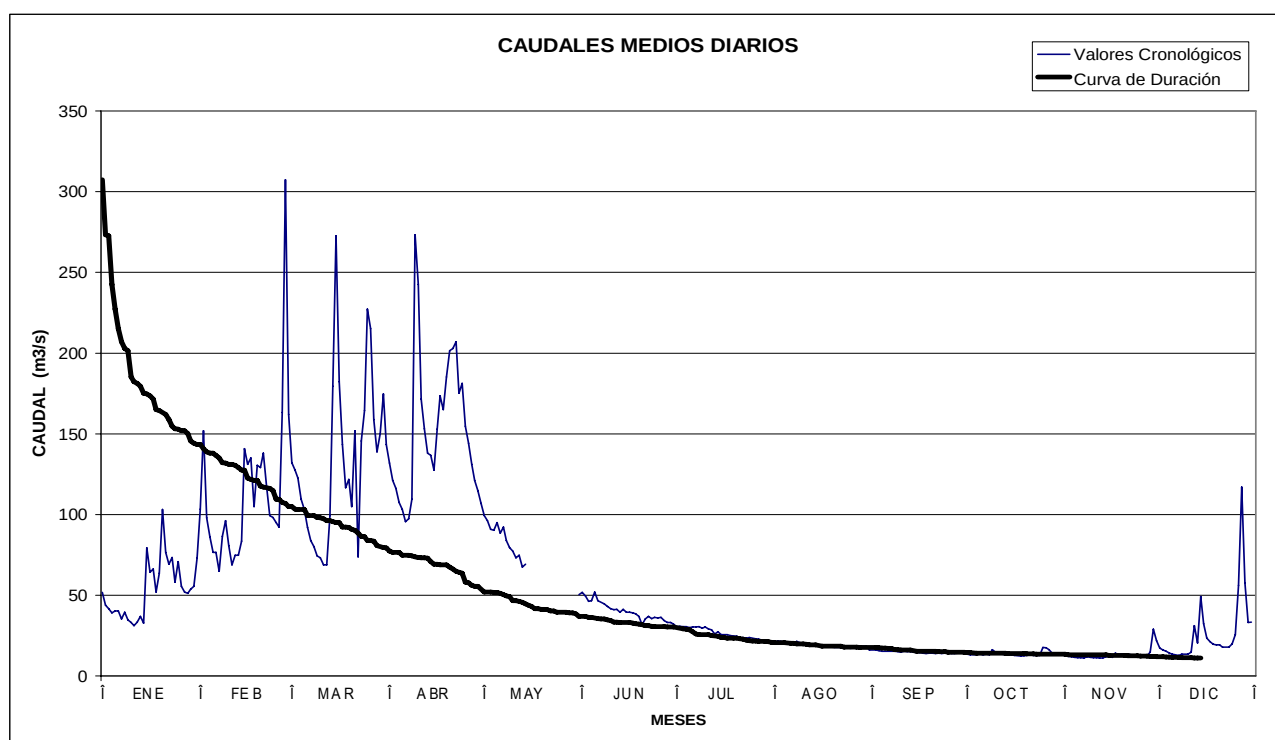
CAUDALES MEDIOS DIARIOS (m³/s)

2003

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	51.729 *	103.335 *	162.155 *	143.433 *	106.950 *	50.499 *	32.154 *	20.950 *	16.237 *	13.803 *	13.103 *	21.899 *
2	43.932 *	151.946 *	132.057 *	131.978 *	99.349 *	51.721 *	30.681 *	20.717 *	16.042 *	13.450 *	12.593 *	17.248 *
3	41.741 *	98.139 *	127.616 *	121.141 *	96.263 *	49.699 *	30.958 *	21.649 *	16.042 *	13.275 *	12.260 *	16.042 *
4	39.284 *	86.284 *	122.613 *	116.304 *	90.895 *	46.179 *	30.660 *	21.413 *	15.846 *	13.103 *	11.933 *	15.272 *
5	40.401 *	76.471 *	109.567 *	107.606 *	90.307 *	46.565 *	30.660 *	20.717 *	15.461 *	13.275 *	11.611 *	14.342 *
6	40.331 *	76.617 *	103.137 *	103.098 *	95.052 *	52.148 *	30.074 *	20.260 *	15.461 *	13.450 *	11.453 *	13.450 *
7	35.286 *	64.978 *	92.086 *	95.660 *	88.585 *	46.565 *	30.369 *	20.717 *	15.461 *	13.275 *	11.453 *	13.103 *
8	39.635 *	86.506 *	84.049 *	97.541 *	92.187 *	45.797 *	30.369 *	20.037 *	15.461 *	13.450 *	11.146 *	12.762 *
9	34.645 *	96.272 *	80.186 *	109.567 *	84.035 *	44.668 *	30.660 *	21.416 *	15.272 *	13.103 *	11.933 *	13.450 *
10	33.074 *	80.746 *	74.388 *	273.396 *	79.649 *	43.189 *	29.496 *	20.717 *	15.082 *	16.264 *	11.614 *	13.628 *
11	31.260 *	68.857 *	73.347 *	242.627 *	77.512 *	41.741 *	30.369 *	20.260 *	14.895 *	14.895 *	11.453 *	13.450 *
12	33.442 *	74.888 *	68.839 *	171.570 *	73.347 *	41.028 *	29.223 *	19.810 *	15.461 *	13.450 *	11.453 *	14.735 *
13	36.916 *	74.897 *	68.839 *	152.990 *	74.897 *	41.383 *	28.641 *	19.366 *	15.082 *	13.625 *	11.295 *	31.219 *
14	32.769 *	83.485 *	99.408 *	138.078 *	67.524 *	39.627 *	26.173 *	18.929 *	15.082 *	13.275 *	11.140 *	20.500 *
15	79.444 *	140.895 *	179.572 *	136.663 *	69.322 *	41.386 *	27.529 *	18.498 *	14.895 *	13.103 *	11.944 *	49.242 *
16	64.270 *	131.244 *	272.718 *	127.574 *		39.627 *	25.643 *	18.498 *	14.525 *	13.103 *	12.096 *	32.517 *
17	66.238 *	135.046 *	182.320 *	152.979 *		39.627 *	25.643 *	18.073 *	14.525 *	12.762 *	11.614 *	23.599 *
18	52.148 *	105.009 *	143.433 *	173.645 *		39.284 *	25.643 *	18.498 *	14.161 *	12.593 *	14.178 *	21.180 *
19	63.627 *	130.499 *	116.610 *	164.889 *		38.595 *	25.120 *	18.498 *	13.980 *	12.426 *	13.628 *	19.590 *
20	103.112 *	129.110 *	121.864 *	185.235 *		36.916 *	24.861 *	17.862 *	14.161 *	12.595 *	13.803 *	19.366 *
21	76.493 *	138.078 *	105.019 *	201.598 *		31.853 *	24.604 *	17.654 *	14.161 *	12.934 *	13.103 *	19.385 *
22	69.340 *	117.678 *	151.932 *	203.010 *		35.375 *	23.593 *	17.654 *	13.980 *	13.103 *	13.803 *	17.865 *
23	73.505 *	99.374 *	73.865 *	206.966 *		36.916 *	23.846 *	17.654 *	14.161 *	12.934 *	13.103 *	18.073 *
24	58.144 *	98.173 *	145.566 *	175.130 *		35.606 *	23.593 *	17.654 *	13.980 *	12.931 *	12.426 *	17.865 *
25	70.841 *	95.052 *	164.471 *	181.398 *		36.257 *	23.846 *	17.654 *	14.161 *	12.762 *	11.772 *	19.816 *
26	55.499 *	92.240 *	227.235 *	154.680 *		35.933 *	23.593 *	17.037 *	14.161 *	17.820 *	12.426 *	25.598 *
27	52.135 *	163.359 *	215.167 *	144.205 *		36.257 *	23.097 *	17.242 *	13.980 *	17.524 *	11.772 *	56.203 *
28	51.315 *	307.405 *	158.886 *	131.244 *		34.325 *	22.851 *	17.037 *	13.980 *	16.313 *	12.604 *	117.145 *
29	53.800 *		138.865 *	121.151 *		33.074 *	22.365 *	18.560 *	14.161 *	14.161 *	14.897 *	57.793 *
30	55.512 *		150.049 *	114.924 *		33.074 *	21.649 *	18.560 *	14.721 *	14.161 *	28.907 *	33.096 *
31	72.968 *		174.777 *				21.413 *	18.560 *		13.980 *		33.387 *
Caudal Max.	117.658 *	371.519 *	317.137 *	296.889 *		53.796 *	32.154 *	21.885 *	16.237 *	22.365 *	35.929 *	134.961 *
Día	20	28	16	10		6	1	3	1	26	30	28
Hora	7	7	7	7		7	7	18	7	7	18	6
Caudal Min.	30.365 *	60.793 *	67.365 *	93.253 *		31.551 *	21.413 *	16.634 *	13.980 *	12.260 *	10.680 *	12.593 *
Día	11	8	12	8		21	31	30	vv	20	8	8
Hora	18	7	17	18		18	18	18		18	18	17
Caudal Medio	53.317	110.949	132.924	152.676		40.830	26.754	19.102	14.819	13.771	12.884	26.220

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



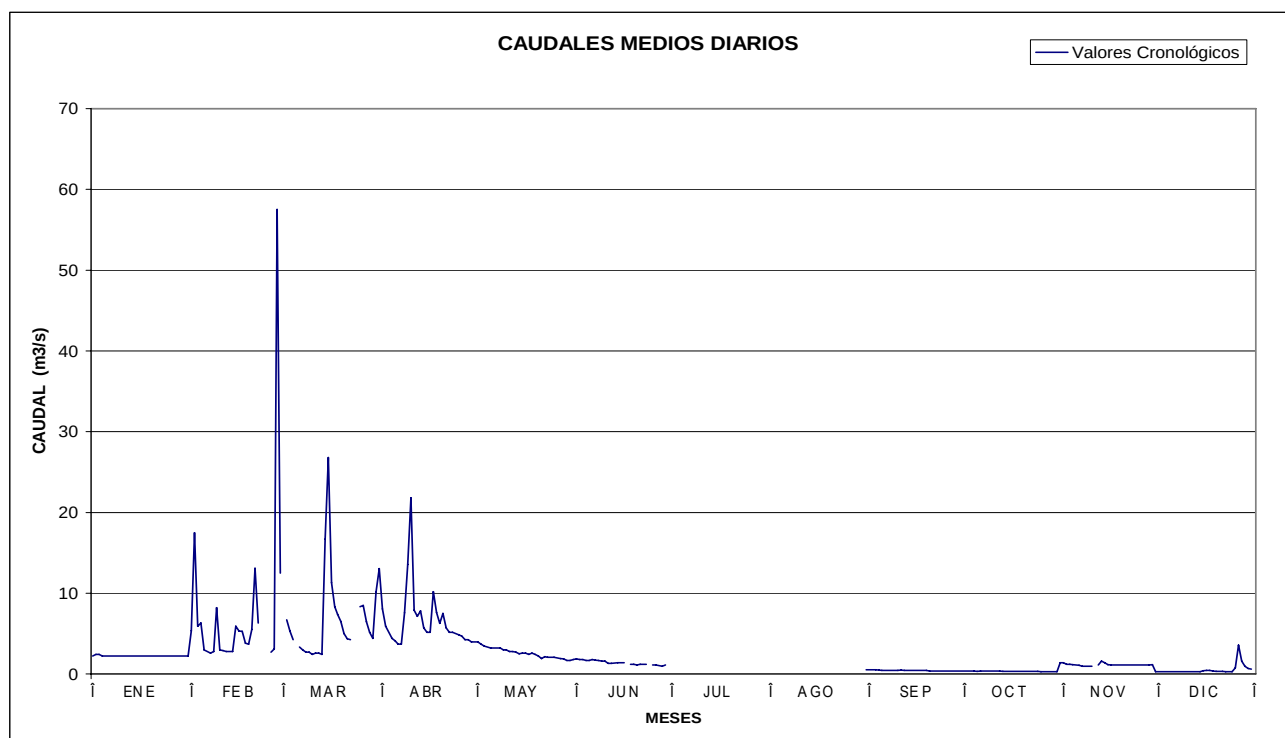
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H616	ALAMOR EN SAUCILLO(DJ CELICA)											Area Drenaje:575 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2.247	5.367 *	12.499 *	13.059 *	3.960 *	1.795 *			0.517 *	0.356 *	1.423 *	0.293
2	2.418	17.483 *		8.070 *	3.960 *	1.865 *			0.517 *	0.356 *	1.423 *	0.293
3	2.418	5.912 *	6.704 *	5.901 *	3.698 *	1.795 *			0.517 *	0.391 *	1.217 *	0.293
4	2.247	6.315 *	5.348 *	5.173 *	3.452 *	1.795 *			0.517 *	0.391 *	1.214 *	0.293
5	2.247	3.000 *	4.238 *	4.402 *	3.335 *	1.662 *			0.494 *	0.391 *	1.166 *	0.293
6	2.247	2.800 *		4.099 *	3.219 *	1.662 *			0.472 *	0.328 *	1.119 *	0.293
7	2.247	2.600 *	3.335 *	3.698 *	3.219 *	1.795 *			0.472 *	0.374 *	1.075 *	0.293
8	2.247	2.794 *	3.000 *	3.698 *	3.219 *	1.729 *			0.472 *	0.356 *	0.949 *	0.293
9	2.247	8.202 *	2.697 *	7.599 *	3.219 *	1.662 *			0.472 *	0.356 *	0.949 *	0.293
10	2.247	3.000 *	2.697 *	13.578 *	3.000 *	1.601 *			0.472 *	0.356 *	0.949 *	0.293
11	2.247	2.897 *	2.418 *	21.819 *	3.000 *	1.609 *			0.472 *	0.356 *	0.949 *	0.293
12	2.247	2.794 *	2.600 *	7.885 *	2.794 *	1.315 *			0.494 *	0.356 *		0.293
13	2.247	2.794 *	2.600 *	7.139 *	2.794 *	1.315 *			0.451 *	0.356 *	1.119 *	0.293
14	2.247	2.794 *	2.418 *	7.809 *	2.697 *	1.369 *			0.430 *	0.340 *	1.601 *	0.293
15	2.247	5.901 *	16.708 *	5.707 *	2.509 *	1.423 *			0.430 *	0.323 *	1.423 *	0.297
16	2.247	5.348 *	26.818 *	5.173 *	2.600 *	1.423 *			0.430 *	0.308 *	1.166 *	0.415
17	2.247	5.289 *	11.288 *	5.173 *	2.600 *	1.423 *			0.430 *	0.323 *	1.119 *	0.430
18	2.247	3.829 *	8.370 *	10.212 *	2.418 *				0.430 *	0.323 *	1.119 *	0.430
19	2.247	3.698 *	7.381 *	7.612 *	2.600 *	1.214 *			0.430 *	0.323 *	1.119 *	0.356
20	2.247	5.522 *	6.509 *	6.281 *	2.418 *	1.217 *			0.430 *	0.323 *	1.119 *	0.323
21	2.247	13.079 *	5.008 *	7.530 *	2.247 *	1.119 *			0.391 *	0.323 *	1.119 *	0.323
22	2.247	6.292 *	4.385 *	5.707 *	1.920 *	1.214 *			0.391 *	0.323 *	1.119 *	0.323
23	2.247		4.238 *	5.173 *	2.167 *	1.214 *			0.391 *	0.323 *	1.119 *	0.293
24	2.247			5.173 *	2.086 *	1.214 *			0.356 *	0.323 *	1.122 *	0.293
25	2.247			5.008 *	2.086 *				0.356 *	0.323 *	1.119 *	0.293
26	2.247	2.697 *	8.356 *	4.844 *	2.086 *	1.119 *			0.356 *	0.293 *	1.119 *	0.790
27	2.247	3.110 *	8.497 *	4.688 *	2.011 *	1.119 *			0.356 *	0.293 *	1.119 *	3.592
28	2.247	57.488 *	6.487 *	4.238 *	1.936 *	1.031 *			0.356 *	0.293 *	1.119 *	1.600
29	2.247		5.173 *	4.238 *	1.865 *	0.990 *			0.356 *	0.293 *	1.119 *	0.959
30	2.247		4.402 *	3.960 *	1.662 *	1.119 *			0.356 *	0.293 *	1.166 *	0.675
31	2.247		10.180 *		1.662 *					0.293 *		0.618
Caudal Max.	2.418			21.819 *	3.960 *				0.517 *	0.391 *		8.642
Día	vv			11	vv				vv	vv		27
Hora				7								13
Caudal Min.	2.247			3.698 *	1.423 *				0.356 *	0.265 *		0.293
Día	vv			vv	22				vv	6		vv
Hora					18					7		
Caudal Medio	2.258	7.240	6.828	6.822	2.659	1.422			0.434	0.334	1.154	0.520

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



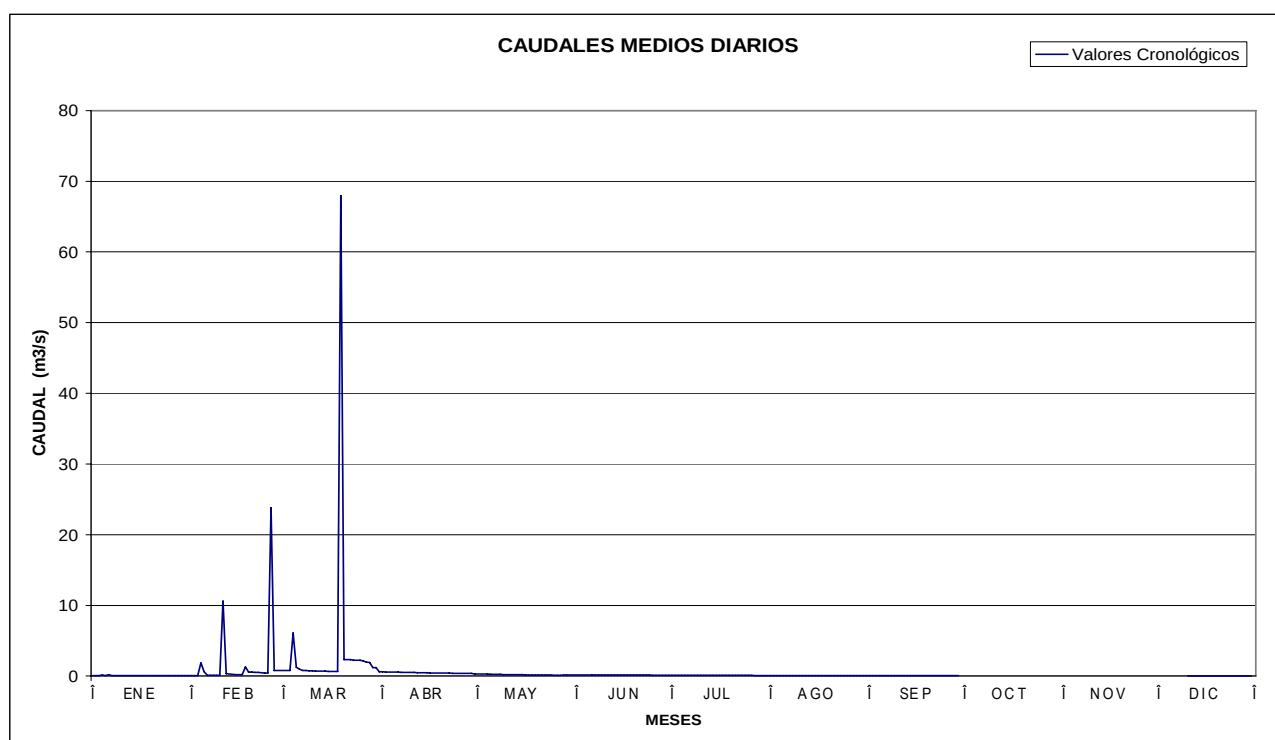
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H625	ALAMOR EN PTE.MERCADILLO										Area Drenaje:61 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.073 *	0.058 *	0.803 *	0.585 *	0.321 *	0.174 *	0.121 *	0.090 *	0.065 *			
2	0.073 *	0.058 *	0.803 *	0.585 *	0.308 *	0.174 *	0.121 *	0.090 *	0.065 *			
3	0.073 *	0.058 *	0.803 *	0.566 *	0.297 *	0.174 *	0.121 *	0.085 *	0.065 *			
4	0.179 *	1.884 *	0.803 *	0.547 *	0.285 *	0.174 *	0.121 *	0.081 *	0.065 *			
5	0.090 *	0.609 *	6.119 *	0.547 *	0.275 *	0.167 *	0.121 *	0.081 *	0.062 *			
6	0.190 *	0.110 *	1.252 *	0.547 *	0.264 *	0.159 *	0.121 *	0.081 *	0.058 *			
7	0.085 *	0.110 *	0.942 *	0.547 *	0.254 *	0.159 *	0.121 *	0.081 *	0.058 *			
8	0.081 *	0.104 *	0.803 *	0.529 *	0.244 *	0.159 *	0.121 *	0.081 *	0.058 *			
9	0.081 *	0.099 *	0.779 *	0.511 *	0.244 *	0.152 *	0.121 *	0.077 *	0.058 *			
10	0.081 *	0.099 *	0.755 *	0.511 *	0.234 *	0.145 *	0.121 *	0.073 *	0.058 *			
11	0.081 *	10.612 *	0.755 *	0.511 *	0.224 *	0.145 *	0.121 *	0.073 *	0.058 *			0.036 *
12	0.077 *	0.350 *	0.709 *	0.494 *	0.224 *	0.145 *	0.121 *	0.073 *	0.058 *			0.036 *
13	0.073 *	0.285 *	0.709 *	0.477 *	0.215 *	0.145 *	0.121 *	0.073 *	0.058 *			0.036 *
14	0.073 *	0.255 *	0.709 *	0.477 *	0.207 *	0.145 *	0.121 *	0.073 *	0.058 *			0.036 *
15	0.073 *	0.207 *	0.688 *	0.477 *	0.207 *	0.145 *	0.115 *	0.073 *	0.058 *			0.036 *
16	0.073 *	0.190 *	0.666 *	0.477 *	0.198 *	0.139 *	0.110 *	0.073 *	0.055 *			0.034 *
17	0.073 *	0.190 *	0.666 *	0.461 *	0.182 *	0.133 *	0.110 *	0.073 *	0.055 *			0.032 *
18	0.073 *	1.275 *	0.666 *	0.445 *	0.174 *	0.133 *	0.110 *	0.073 *	0.052 *			0.032 *
19	0.073 *	0.566 *	0.666 *	0.445 *	0.153 *	0.133 *	0.110 *	0.073 *	0.052 *			0.032 *
20	0.065 *	0.547 *	67.948 *	0.430 *	0.146 *	0.133 *	0.110 *	0.073 *	0.052 *			0.032 *
21	0.065 *	0.529 *	2.361 *	0.415 *	0.152 *	0.133 *	0.104 *	0.073 *	0.052 *			0.032 *
22	0.065 *	0.494 *	2.361 *	0.415 *	0.145 *	0.133 *	0.099 *	0.073 *	0.052 *			0.032 *
23	0.065 *	0.477 *	2.361 *	0.415 *	0.139 *	0.133 *	0.099 *	0.073 *	0.052 *			0.032 *
24	0.065 *	0.415 *	2.250 *	0.400 *	0.133 *	0.127 *	0.099 *	0.069 *	0.049 *			0.032 *
25	0.065 *	0.415 *	2.250 *	0.386 *	0.127 *	0.127 *	0.099 *	0.065 *	0.049 *			0.032 *
26	0.065 *	23.804 *	2.250 *	0.386 *	0.121 *	0.121 *	0.099 *	0.065 *	0.046 *			0.030 *
27	0.065 *	0.803 *	2.144 *	0.372 *	0.115 *	0.121 *	0.099 *	0.065 *	0.046 *			0.028 *
28	0.062 *	0.803 *	1.992 *	0.359 *	0.110 *	0.121 *	0.095 *	0.065 *	0.046 *			0.028 *
29	0.058 *		1.943 *	0.359 *	0.150 *	0.121 *	0.090 *	0.065 *	0.046 *			0.028 *
30	0.058 *		1.216 *	0.359 *	0.182 *	0.121 *	0.090 *	0.065 *	0.046 *			0.028 *
31	0.058 *		1.179 *		0.174 *		0.090 *	0.065 *				0.028 *
Caudal Max.	0.285 *	46.184 *	132.186 *	0.584 *	0.333 *	0.174 *	0.121 *	0.090 *	0.065 *			
Día	4	26	20	3	1	vv	vv	vv	vv			
Hora	18	18	18	6	6							
Caudal Min.	0.058 *	0.058 *	0.511 *	0.358 *	0.110 *	0.121 *	0.090 *	0.065 *	0.046 *			
Día	vv	vv	31	27	27	vv	vv	vv	vv			
Hora			18	18	18							
Caudal Medio	0.078	1.622	3.560	0.468	0.200	0.143	0.110	0.074	0.055			0.032

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



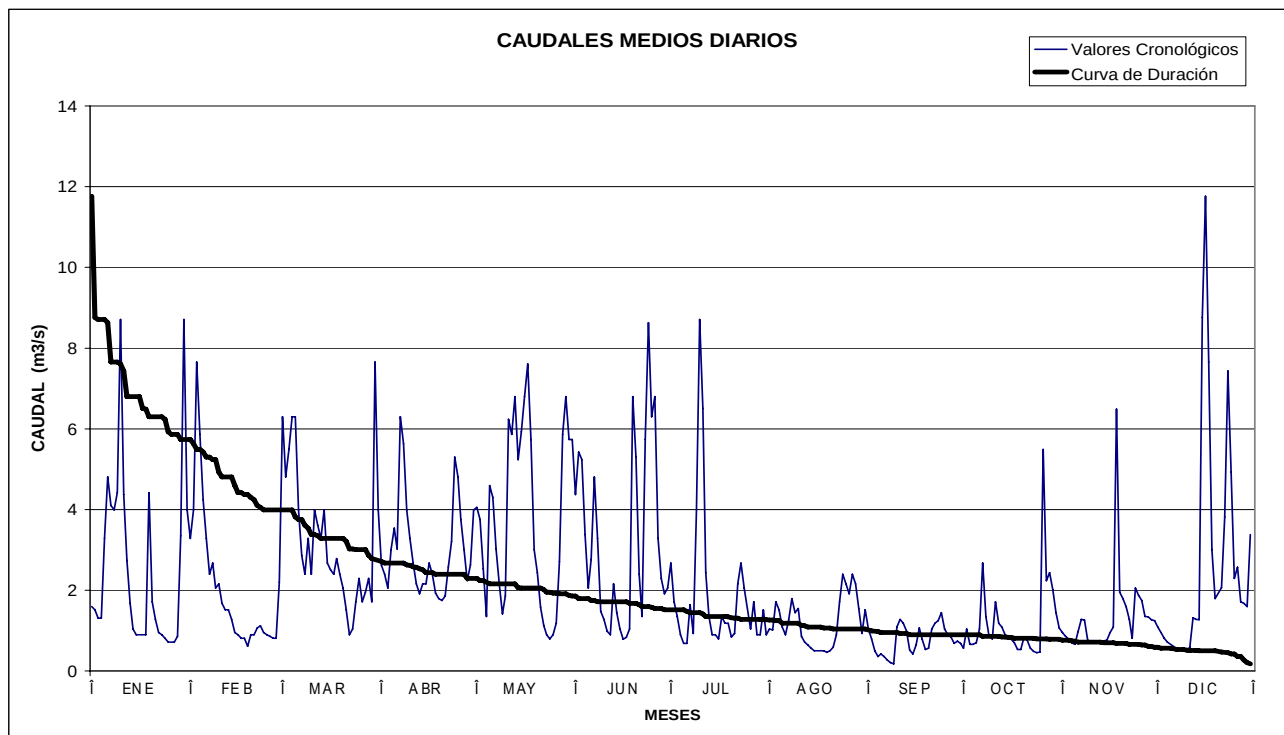
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H627	UCHIMA AJ CHAMBA											Area Drenaje:48 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.594 *	3.286 *	2.203 *	3.992 *	3.992 *	5.737 *	2.059 *	0.905 *	1.518 *	0.681 *	1.066 *	1.246 *
2	1.518 *	3.992 *	6.301 *	2.619 *	4.057 *	4.370 *	2.679 *	1.044 *	1.044 *	0.567 *	0.957 *	1.096 *
3	1.310 *	7.654 *	4.805 *	2.398 *	3.758 *	5.431 *	1.719 *	1.014 *	0.793 *	1.044 *	0.857 *	0.957 *
4	1.310 *	5.866 *	5.487 *	2.059 *	2.531 *	5.240 *	1.350 *	1.719 *	0.500 *	0.660 *	0.787 *	0.810 *
5	3.286 *	4.246 *	6.301 *	3.006 *	1.350 *	3.384 *	0.905 *	1.518 *	0.358 *	0.660 *	0.701 *	0.722 *
6	4.805 *	3.286 *	6.301 *	3.544 *	4.596 *	2.059 *	0.680 *	1.096 *	0.429 *	0.701 *	0.660 *	0.660 *
7	4.100 *	2.398 *	3.992 *	3.021 *	4.304 *	2.767 *	0.680 *	0.905 *	0.358 *	1.044 *	0.975 *	0.604 *
8	3.992 *	2.679 *	2.869 *	6.301 *	3.025 *	4.805 *	1.642 *	1.264 *	0.269 *	2.679 *	1.279 *	0.550 *
9	4.427 *	2.059 *	2.398 *	5.632 *	2.159 *	3.286 *	0.931 *	1.795 *	0.207 *	1.350 *	1.264 *	0.516 *
10	8.714 *	2.159 *	3.286 *	3.992 *	1.413 *	1.482 *	3.992 *	1.447 *	0.181 *	0.857 *	0.765 *	0.516 *
11	4.370 *	1.676 *	2.398 *	3.286 *	1.858 *	1.279 *	8.714 *	1.551 *	1.096 *	0.793 *	0.721 *	0.516 *
12	2.740 *	1.518 *	3.992 *	2.679 *	6.233 *	0.985 *	6.503 *	0.857 *	1.279 *	1.719 *	0.721 *	0.590 *
13	1.676 *	1.518 *	3.614 *	2.159 *	5.866 *	0.905 *	2.440 *	0.721 *	1.182 *	1.182 *	0.701 *	1.320 *
14	1.044 *	1.279 *	3.286 *	1.920 *	6.797 *	2.159 *	1.350 *	0.642 *	0.996 *	1.096 *	0.721 *	1.279 *
15	0.905 *	0.957 *	3.992 *	2.159 *	5.240 *	1.447 *	0.905 *	0.567 *	0.521 *	0.905 *	0.745 *	1.277 *
16	0.905 *	0.905 *	2.679 *	2.159 *	5.928 *	1.044 *	0.905 *	0.500 *	0.425 *	0.857 *	0.765 *	8.756 *
17	0.905 *	0.809 *	2.505 *	2.679 *	6.797 *	0.787 *	0.793 *	0.500 *	0.644 *	0.787 *	0.952 *	11.762 *
18	0.905 *	0.809 *	2.398 *	2.398 *	7.607 *	0.835 *	1.350 *	0.500 *	1.066 *	0.701 *	1.096 *	7.654 *
19	4.427 *	0.611 *	2.786 *	1.934 *	5.737 *	1.044 *	1.182 *	0.500 *	0.788 *	0.533 *	6.490 *	3.006 *
20	1.719 *	0.905 *	2.398 *	1.795 *	3.006 *	6.797 *	1.182 *	0.468 *	0.533 *	0.533 *	1.958 *	1.795 *
21	1.279 *	0.905 *	2.059 *	1.752 *	2.440 *	5.302 *	0.845 *	0.500 *	0.567 *	0.833 *	1.795 *	1.934 *
22	0.957 *	1.066 *	1.518 *	1.858 *	1.582 *	2.398 *	0.931 *	0.590 *	1.044 *	0.765 *	1.594 *	2.065 *
23	0.905 *	1.122 *	0.905 *	2.578 *	1.127 *	1.350 *	2.159 *	0.905 *	1.182 *	0.570 *	1.279 *	3.819 *
24	0.809 *	0.957 *	1.044 *	3.211 *	0.905 *	5.737 *	2.679 *	1.719 *	1.249 *	0.484 *	0.813 *	7.434 *
25	0.721 *	0.905 *	1.719 *	5.302 *	0.793 *	8.635 *	2.059 *	2.398 *	1.447 *	0.454 *	2.059 *	4.923 *
26	0.721 *	0.857 *	2.298 *	4.805 *	0.905 *	6.301 *	1.551 *	2.159 *	1.044 *	0.469 *	1.877 *	2.298 *
27	0.721 *	0.809 *	1.719 *	3.758 *	1.182 *	6.797 *	1.044 *	1.920 *	0.905 *	5.487 *	1.752 *	2.568 *
28	0.857 *	0.809 *	1.958 *	3.006 *	2.711 *	3.286 *	1.719 *	2.398 *	0.845 *	2.239 *	1.350 *	1.719 *
29	3.348 *		2.298 *	2.239 *	5.866 *	2.298 *	0.905 *	2.159 *	0.680 *	2.440 *	1.343 *	1.676 *
30	8.714 *		1.719 *	2.628 *	6.797 *	1.920 *	0.905 *	1.551 *	0.743 *	2.016 *	1.277 *	1.594 *
31	3.992 *		7.654 *		5.737 *		1.518 *	0.931 *		1.447 *		3.379 *
Caudal Max.	10.067 *	10.067 *	10.067 *	7.361 *	7.852 *	8.635 *	10.067 *	2.398 *	1.518 *	7.361 *	11.670 *	13.457 *
Día	10	3	31	8	18	25	11	vv	1	27	19	17
Hora	7	17	7	17	17	7	17		7	7	17	7
Caudal Min.	0.721 *	0.500 *	0.036 *	1.518 *	0.680 *	0.764 *	0.680 *	0.468 *	0.166 *	0.439 *	0.641 *	0.500 *
Día	vv	19	1	22	25	17	vv	20	9	25	7	12
Hora		17	17	7	17	17		17	17	17	7	7
Caudal Medio	2.506	2.002	3.190	3.029	3.752	3.329	1.880	1.185	0.796	1.179	1.311	2.550

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



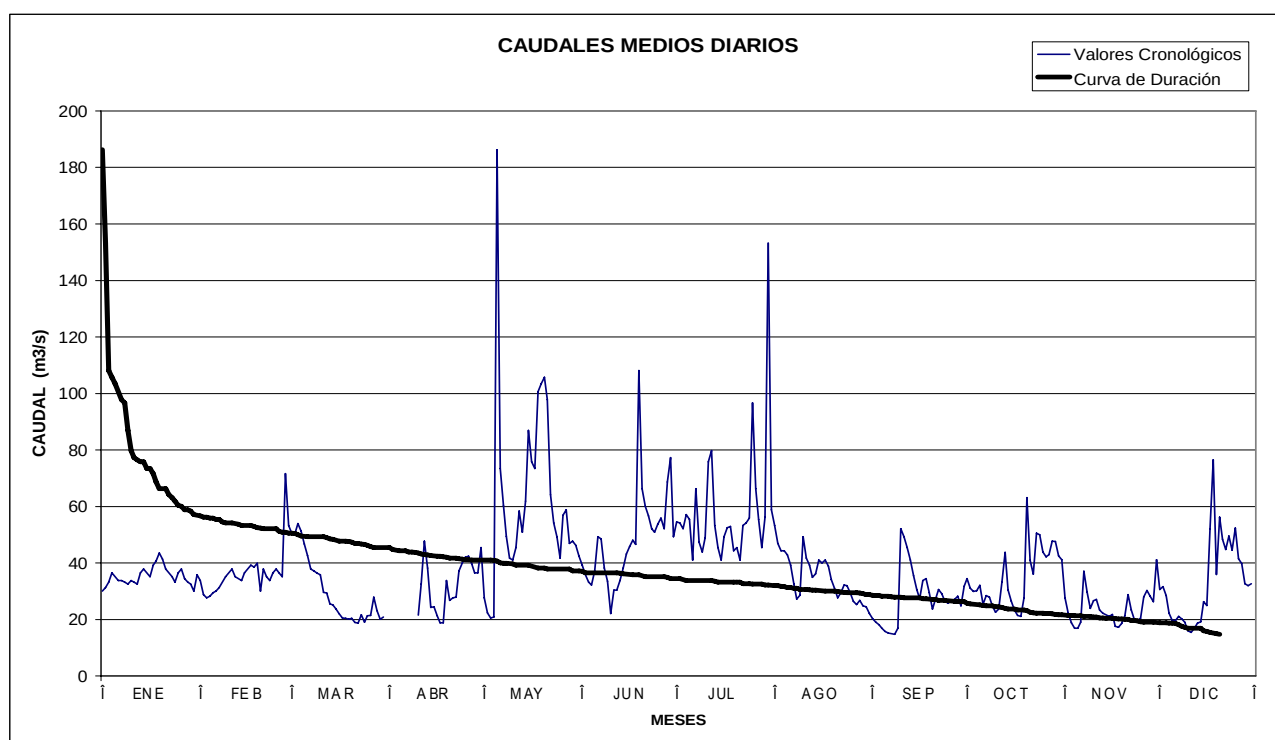
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H718	QUIJOS EN BAEZA											Area Drenaje:904 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	30.080 *	33.867 *	53.282		45.481 *	42.498 *	49.336 *	58.795 *	22.133 *	31.780	41.190	41.208
2	31.317 *	28.868 *	50.448		27.685 *	39.275 *	54.619 *	53.352 *	20.337 *	34.452	27.690	30.695
3	33.220 *	27.682 *	50.564		22.400 *	35.849 *	54.155 *	46.985 *	19.101 *	31.111	22.204	31.697
4	36.518 *	28.272 *	53.979		20.591 *	33.220 *	52.114 *	44.338 *	18.145 *	29.910	18.839	28.490
5	35.180 *	29.471 *	51.253		20.848 *	32.268 *	57.112 *	44.338 *	16.979 *	30.170	16.885	22.216
6	33.867 *	30.080 *	46.697		186.337 *	37.200 *	55.403 *	42.860 *	15.857 *	32.125	16.916	19.717
7	33.867 *	31.317 *	42.603		73.465 *	49.336 *	41.051 *	39.275 *	15.199 *	25.441	19.083	19.612
8	33.220 *	33.220 *	37.877		60.443 *	48.540 *	66.359 *	32.630 *	14.986 *	28.499	37.059	21.095
9	32.579 *	35.180 *	37.197		49.496 *	38.247 *	47.372 *	27.178 *	14.770 *	27.941	29.702	20.241
10	33.867 *	36.518 *	36.423		41.784 *	33.543 *	43.964 *	28.589 *	16.979 *	24.833	23.997	19.101
11	33.220 *	37.882 *	35.878	21.610 *	41.051 *	22.133 *	48.952 *	49.336 *	52.114 *	22.544	26.653	16.030
12	32.579 *	35.180 *	29.563	32.601 *	45.481 *	30.388 *	75.833 *	41.784 *	49.317 *	23.660	27.111	15.426
13	35.180 *	34.520 *	29.391	47.688 *	58.369 *	30.388 *	79.822 *	39.275 *	45.481 *	33.236	23.314	16.969
14	37.882 *	33.867 *	25.550	38.247 *	50.904 *	33.870 *	53.352 *	34.869 *	41.051 *	43.767	22.313	18.753
15	36.518 *	36.518 *	25.228	24.275 *	61.863 *	38.247 *	45.481 *	36.201 *	35.513 *	30.523	21.697	19.227
16	35.180 *	37.882 *	23.729	24.551 *	86.918 *	43.225 *	41.051 *	41.051 *	30.724 *	26.569	21.072	26.293
17	39.272 *	39.272 *	22.065	21.352 *	75.833 *	45.842 *	49.336 *	39.979 *	27.390 *	23.326	21.808	25.037
18	40.687 *	38.574 *	20.528	18.860 *	73.465 *	48.146 *	52.523 *	41.051 *	33.870 *	21.466	17.672	52.168
19	43.593 *	39.976 *	20.406	18.860 *	100.616 *	46.604 *	52.952 *	38.923 *	34.523 *	21.070	17.208	76.492
20	41.403 *	30.080 *	20.097	33.870 *	103.468 *	108.123 *	44.338 *	34.200 *	29.474 *	27.652	18.634	35.983
21	37.882 *	37.882 *	20.372	26.810 *	105.776 *	66.359 *	45.481 *	31.013 *	23.733 *	63.210	21.312	56.244
22	36.518 *	35.180 *	19.023	27.685 *	97.845 *	60.090 *	41.051 *	27.685 *	27.428 *	40.955	28.819	48.450
23	35.180 *	33.867 *	18.730	27.984 *	64.151 *	56.667 *	53.333 *	29.474 *	30.699 *	36.062	23.395	44.791
24	33.220 *	36.518 *	21.664	37.200 *	54.161 *	52.114 *	54.161 *	32.268 *	29.176 *	50.599	20.220	49.581
25	36.518 *	37.882 *	19.139	39.976 *	49.336 *	50.904 *	55.883 *	31.948 *	26.521 *	49.947	19.480	44.579
26	37.882 *	36.518 *	21.398	42.130 *	41.784 *	53.746 *	96.714 *	29.474 *	25.687 *	43.954	20.410	52.410
27	34.520 *	35.180 *	21.481	42.498 *	56.891 *	55.819 *	66.359 *	26.524 *	26.810 *	42.212	28.023	41.484
28	33.220 *	71.609	27.991	39.630 *	58.795 *	52.114 *	55.480 *	25.386 *	27.102 *	42.986	30.303	39.792
29	32.579 *		23.131	36.522 *	46.985 *	68.660 *	45.481 *	26.810 *	28.275 *	47.799	28.276	32.625
30	30.080 *		20.136	36.518 *	47.756 *	77.293 *	56.289 *	24.830 *	24.830 *	47.616	26.377	31.945
31	35.846 *		20.925		46.226 *		153.162 *	24.551 *		42.505		32.695
Caudal Max.	43.592 *	75.324	60.526		190.980 *	111.056 *	156.664 *	59.655 *	52.923 *	105.189	52.923	102.888
Día	19	28	4		6	20	31	1	11	21	8	19
Hora	5	14	22		18	18	8	8	18	14	17	11
Caudal Min.	30.080 *	27.682 *	18.142		20.086 *	21.610 *	39.976 *	24.275 *	14.556 *	20.086	15.415	14.556
Día	vv	3	25		4	11	16	31	9	19	6	11
Hora		5	20		18	18	8	8	8	17	14	9
Caudal Medio	35.291	35.817	30.540	31.943	61.813	47.690	57.694	36.289	27.473	34.772	23.922	33.260

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



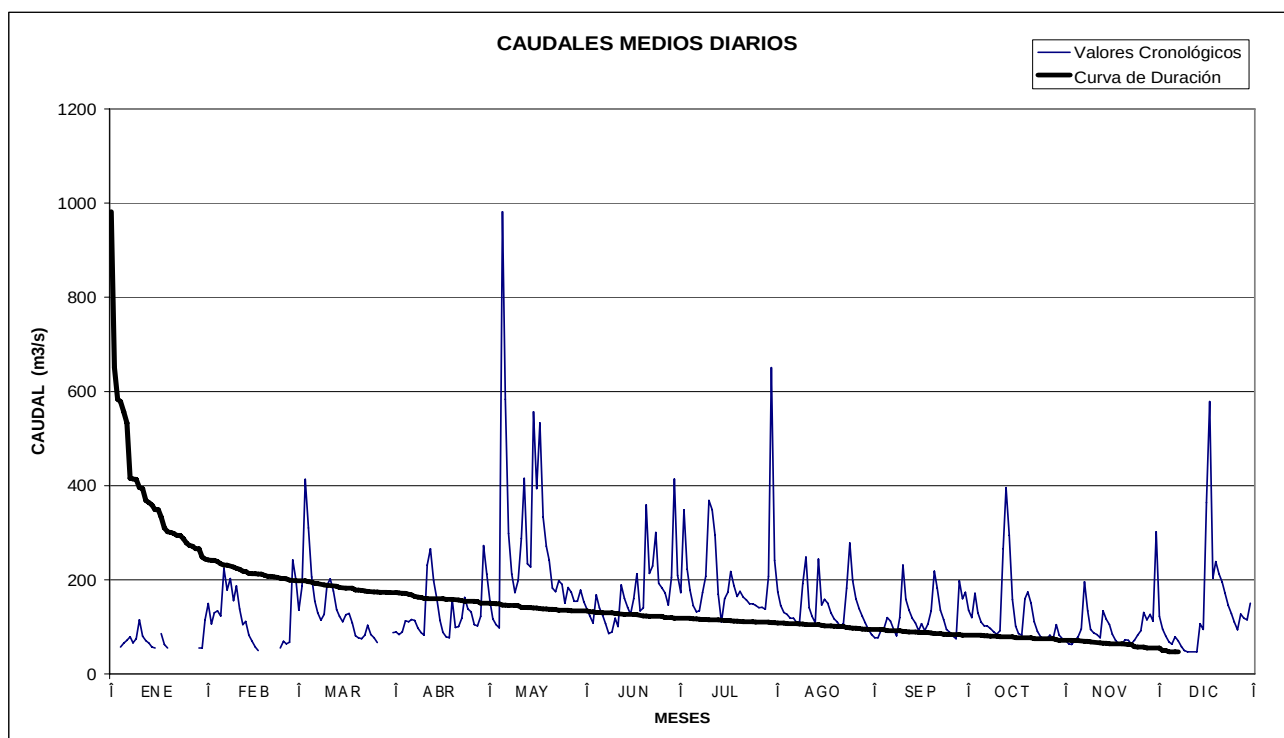
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H719	QUIJOS DJ OYACACHI											Area Drenaje:2500 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		149.971 *	199.927 *	87.674 *	212.188 *	153.736 *	209.857 *	241.926 *	83.539 *	173.700 *	74.656 *	302.253 *
2		106.201 *	135.384 *	89.107 *	154.917 *	137.826 *	172.669 *	174.594 *	77.386 *	135.485 *	70.999 *	122.642 *
3		129.926 *	186.689 *	83.709 *	117.265 *	123.068 *	348.959 *	146.044 *	76.830 *	120.179 *	64.501 *	95.243 *
4	57.100 *	133.955 *	413.477 *	89.107 *	104.653 *	108.067 *	222.871 *	130.719 *	91.968 *	171.752 *	62.608 *	80.247 *
5	65.476 *	123.251 *	310.112 *	112.942 *	98.098 *	168.149 *	178.053 *	126.940 *	97.572 *	130.237 *	72.055 *	68.523 *
6	71.352 *	225.133 *	206.220 *	111.486 *	981.631 *	140.225 *	145.193 *	118.770 *	120.179 *	110.101 *	79.024 *	63.545 *
7	79.087 *	178.527 *	154.917 *	116.023 *	583.513 *	124.549 *	132.249 *	118.674 *	112.306 *	102.665 *	95.243 *	79.087 *
8	66.472 *	202.750 *	129.926 *	113.606 *	298.512 *	107.400 *	133.955 *	110.101 *	94.964 *	102.045 *	195.746 *	70.554 *
9	75.169 *	155.841 *	114.327 *	97.629 *	212.484 *	85.838 *	173.013 *	111.486 *	81.324 *	96.827 *	133.955 *	58.018 *
10	115.053 *	187.086 *	126.671 *	88.289 *	172.669 *	89.450 *	207.790 *	192.127 *	119.895 *	90.016 *	94.964 *	49.862 *
11	80.247 *	138.144 *	188.677 *	82.977 *	198.413 *	118.770 *	368.921 *	248.294 *	231.302 *	84.678 *	87.020 *	47.065 *
12	70.999 *	104.792 *	202.387 *	231.294 *	288.118 *	100.706 *	348.959 *	141.229 *	159.106 *	91.968 *	83.539 *	47.065 *
13	65.476 *	111.698 *	176.016 *	266.236 *	415.589 *	189.187 *	294.618 *	122.337 *	135.485 *	266.236 *	77.386 *	47.065 *
14	57.556 *	82.421 *	137.040 *	197.887 *	234.339 *	160.781 *	170.074 *	108.739 *	118.770 *	395.468 *	133.955 *	47.065 *
15	55.321 *	69.579 *	122.337 *	159.964 *	227.449 *	141.855 *	110.571 *	244.242 *	108.067 *	294.618 *	116.462 *	107.400 *
16		57.100 *	111.486 *	113.846 *	557.081 *	126.940 *	159.607 *	146.368 *	91.968 *	157.977 *	104.792 *	94.964 *
17	86.377 *	49.488 *	126.055 *	88.834 *	393.536 *	159.607 *	173.700 *	159.106 *	107.400 *	101.373 *	84.721 *	363.576 *
18	62.762 *		129.139 *	79.024 *	533.173 *	213.380 *	217.633 *	150.397 *	91.968 *	85.860 *	72.055 *	578.792 *
19	55.321 *		108.053 *	76.830 *	333.465 *	133.955 *	187.793 *	129.926 *	106.201 *	82.977 *	64.501 *	203.477 *
20			81.260 *	158.939 *	271.806 *	140.225 *	164.654 *	117.193 *	133.955 *	159.607 *	64.501 *	238.819 *
21			77.386 *	98.911 *	241.153 *	359.401 *	175.628 *	110.101 *	218.414 *	174.007 *	72.565 *	213.011 *
22			74.656 *	100.706 *	182.573 *	214.120 *	163.459 *	101.373 *	182.573 *	150.397 *	72.055 *	195.187 *
23			82.977 *	118.674 *	175.463 *	229.594 *	157.232 *	107.400 *	135.485 *	111.486 *	64.501 *	171.752 *
24		55.321 *	103.889 *	162.542 *	197.887 *	300.590 *	149.383 *	182.573 *	115.784 *	90.632 *	71.550 *	146.044 *
25		69.579 *	83.539 *	138.144 *	191.013 *	192.483 *	148.636 *	278.378 *	94.576 *	79.087 *	82.977 *	128.421 *
26		63.933 *	77.386 *	132.450 *	150.397 *	183.497 *	146.044 *	197.887 *	88.834 *	74.656 *	91.968 *	110.148 *
27		67.487 *	66.977 *	104.792 *	184.147 *	172.026 *	141.165 *	160.031 *	80.247 *	74.656 *	130.969 *	94.354 *
28		242.531 *		102.045 *	173.593 *	146.902 *	141.855 *	138.619 *	74.656 *	82.977 *	115.351 *	127.584 *
29	55.321 *			122.642 *	154.586 *	205.753 *	137.826 *	122.337 *	197.887 *	74.656 *	126.671 *	118.626 *
30	55.321 *			273.014 *	154.586 *	414.466 *	207.835 *	108.739 *	159.607 *	104.792 *	112.076 *	115.053 *
31	115.351 *				178.457 *		650.685 *	94.576 *		82.977 *		150.397 *
Caudal Max.				379.070 *	1027.033 *	537.614 *	696.539 *	291.318 *	265.437 *	411.866 *	265.437 *	745.719 *
Día				12	6	30	31	25	11	14	8	18
Hora				16	16	6	6	16	6	6	17	6
Caudal Mín.				74.656 *	98.098 *	85.838 *	98.098 *	85.838 *	74.656 *	74.656 *	60.714 *	47.065 *
Día				19	5	9	15	31	3	vv	4	vv
Hora				18	6	7	16	16	16		17	
Caudal Medio		122.941	145.441	126.644	270.089	171.418	204.545	149.717	119.608	130.777	92.445	139.866

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



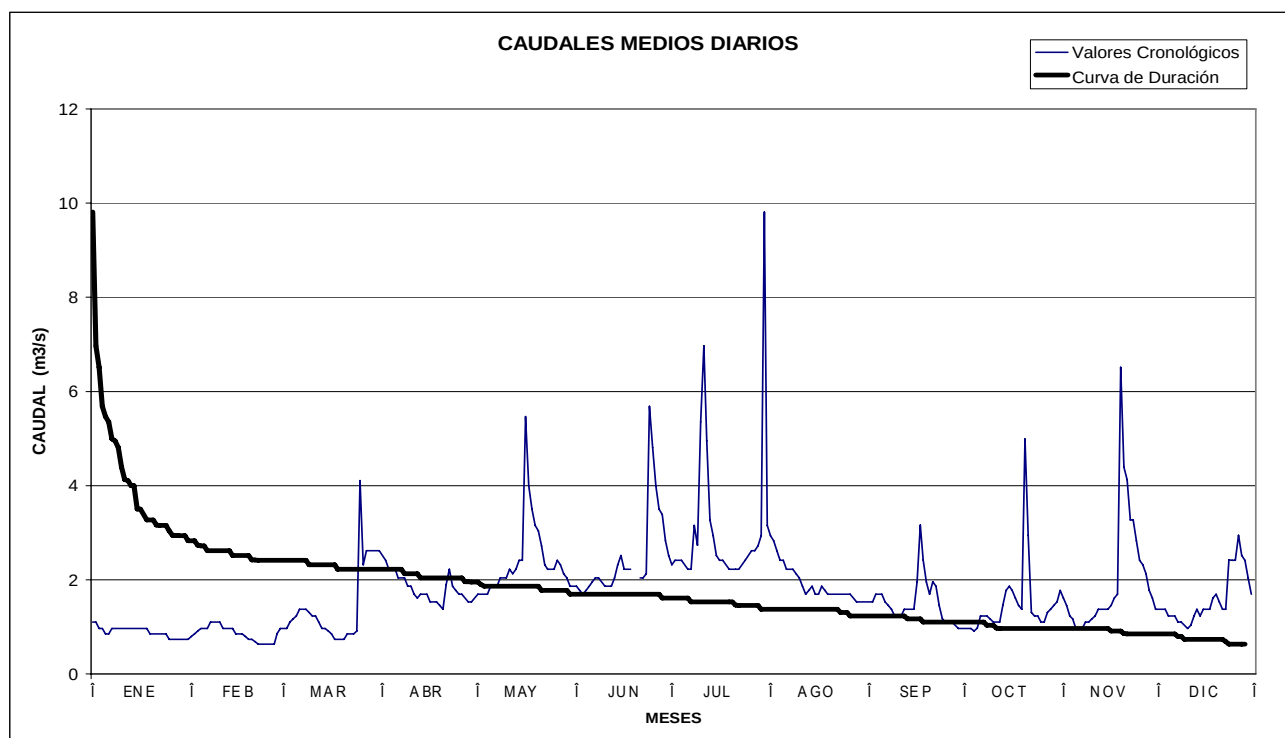
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H722	YANAHURCO DJ VALLE											Area Drenaje:75 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.101 *	0.797 *	0.973 *	2.618 *	1.613 *	1.862 *	2.518 *	3.159 *	1.533 *	0.973 *	1.778 *	1.381 *
2	1.101 *	0.853 *	0.973 *	2.518 *	1.694 *	1.862 *	2.321 *	2.937 *	1.533 *	0.973 *	1.613 *	1.381 *
3	0.973 *	0.913 *	0.973 *	2.417 *	1.694 *	1.778 *	2.417 *	2.828 *	1.533 *	0.973 *	1.457 *	1.381 *
4	0.973 *	0.973 *	1.101 *	2.224 *	1.694 *	1.694 *	2.417 *	2.618 *	1.694 *	0.973 *	1.237 *	1.381 *
5	0.853 *	0.973 *	1.169 *	2.224 *	1.694 *	1.778 *	2.417 *	2.417 *	1.694 *	0.913 *	1.169 *	1.237 *
6	0.853 *	0.973 *	1.237 *	2.224 *	1.862 *	1.862 *	2.321 *	2.417 *	1.694 *	0.977 *	0.973 *	1.237 *
7	0.973 *	1.101 *	1.381 *	2.039 *	1.862 *	1.951 *	2.224 *	2.224 *	1.533 *	1.237 *	0.973 *	1.237 *
8	0.973 *	1.101 *	1.381 *	2.039 *	1.862 *	2.039 *	2.224 *	2.224 *	1.457 *	1.237 *	0.973 *	1.101 *
9	0.973 *	1.101 *	1.381 *	2.039 *	2.039 *	2.039 *	3.159 *	2.224 *	1.381 *	1.237 *	1.101 *	1.101 *
10	0.973 *	1.101 *	1.309 *	1.862 *	2.039 *	1.951 *	2.731 *	2.131 *	1.237 *	1.169 *	1.101 *	1.037 *
11	0.973 *	0.973 *	1.237 *	1.862 *	2.039 *	1.862 *	5.352 *	2.039 *	1.237 *	1.101 *	1.169 *	0.973 *
12	0.973 *	0.973 *	1.237 *	1.694 *	2.228 *	1.862 *	6.969 *	1.862 *	1.237 *	1.101 *	1.237 *	1.037 *
13	0.973 *	0.973 *	1.101 *	1.613 *	2.131 *	1.862 *	4.952 *	1.694 *	1.381 *	1.101 *	1.381 *	1.237 *
14	0.973 *	0.973 *	0.973 *	1.694 *	2.224 *	2.039 *	3.276 *	1.778 *	1.381 *	1.465 *	1.381 *	1.381 *
15	0.973 *	0.853 *	0.973 *	1.694 *	2.417 *	2.321 *	2.937 *	1.862 *	1.381 *	1.778 *	1.381 *	1.237 *
16	0.973 *	0.853 *	0.913 *	1.694 *	2.417 *	2.518 *	2.518 *	1.694 *	1.381 *	1.862 *	1.381 *	1.381 *
17	0.973 *	0.853 *	0.853 *	1.533 *	5.465 *	2.224 *	2.417 *	1.694 *	1.959 *	1.778 *	1.457 *	1.381 *
18	0.973 *	0.797 *	0.741 *	1.533 *	4.004 *	2.224 *	2.417 *	1.862 *	3.167 *	1.613 *	1.613 *	1.381 *
19	0.853 *	0.741 *	0.741 *	1.533 *	3.506 *	2.224 *	2.321 *	1.778 *	2.421 *	1.457 *	1.694 *	1.613 *
20	0.853 *	0.741 *	0.741 *	1.457 *	3.159 *		2.224 *	1.694 *	1.951 *	1.381 *	6.518 *	1.694 *
21	0.853 *	0.689 *	0.741 *	1.381 *	3.046 *		2.224 *	1.694 *	1.694 *	4.994 *	4.392 *	1.533 *
22	0.853 *	0.637 *	0.853 *	1.899 *	2.723 *	2.039 *	2.224 *	1.694 *	1.959 *	2.945 *	4.129 *	1.381 *
23	0.853 *	0.637 *	0.853 *	2.228 *	2.321 *	2.039 *	2.224 *	1.694 *	1.866 *	1.309 *	3.272 *	1.381 *
24	0.853 *	0.637 *	0.853 *	1.862 *	2.224 *	2.131 *	2.321 *	1.694 *	1.457 *	1.237 *	3.272 *	2.421 *
25	0.741 *	0.637 *	0.913 *	1.778 *	2.224 *	5.683 *	2.417 *	1.694 *	1.169 *	1.237 *	2.832 *	2.417 *
26	0.741 *	0.637 *	4.106 *	1.694 *	2.224 *	4.806 *	2.518 *	1.694 *	1.101 *	1.101 *	2.417 *	2.417 *
27	0.741 *	0.637 *	2.321 *	1.694 *	2.417 *	4.004 *	2.618 *	1.694 *	1.101 *	1.101 *	2.321 *	2.945 *
28	0.741 *	0.857 *	2.618 *	1.613 *	2.321 *	3.506 *	2.618 *	1.613 *	1.101 *	1.309 *	2.131 *	2.518 *
29	0.741 *		2.618 *	1.533 *	2.131 *	3.389 *	2.723 *	1.533 *	1.037 *	1.381 *	1.778 *	2.417 *
30	0.741 *		2.618 *	1.533 *	2.039 *	2.832 *	2.937 *	1.533 *	0.973 *	1.457 *	1.613 *	2.043 *
31	0.741 *		2.618 *		1.862 *		9.808 *	1.533 *		1.533 *		1.694 *
Caudal Max.	1.101 *	1.101 *	5.988 *	2.618 *	7.658 *		12.986 *	3.272 *	3.506 *	5.988 *	7.658 *	3.272 *
Día	vv	vv	26	7	17		31	1	18	21	20	27
Hora			6	6	18		6	6	6	18	6	18
Caudal Min.	0.741 *	0.637 *	0.741 *	1.381 *	1.533 *		2.224 *	1.533 *	0.973 *	0.853 *	0.973 *	0.973 *
Día	vv	vv	vv	21	1		vv	vv	29	6	vv	12
Hora				18	6				18	6		6
Caudal Medio	0.897	0.856	1.371	1.858	2.360	2.442	3.057	1.974	1.541	1.448	1.991	1.579

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



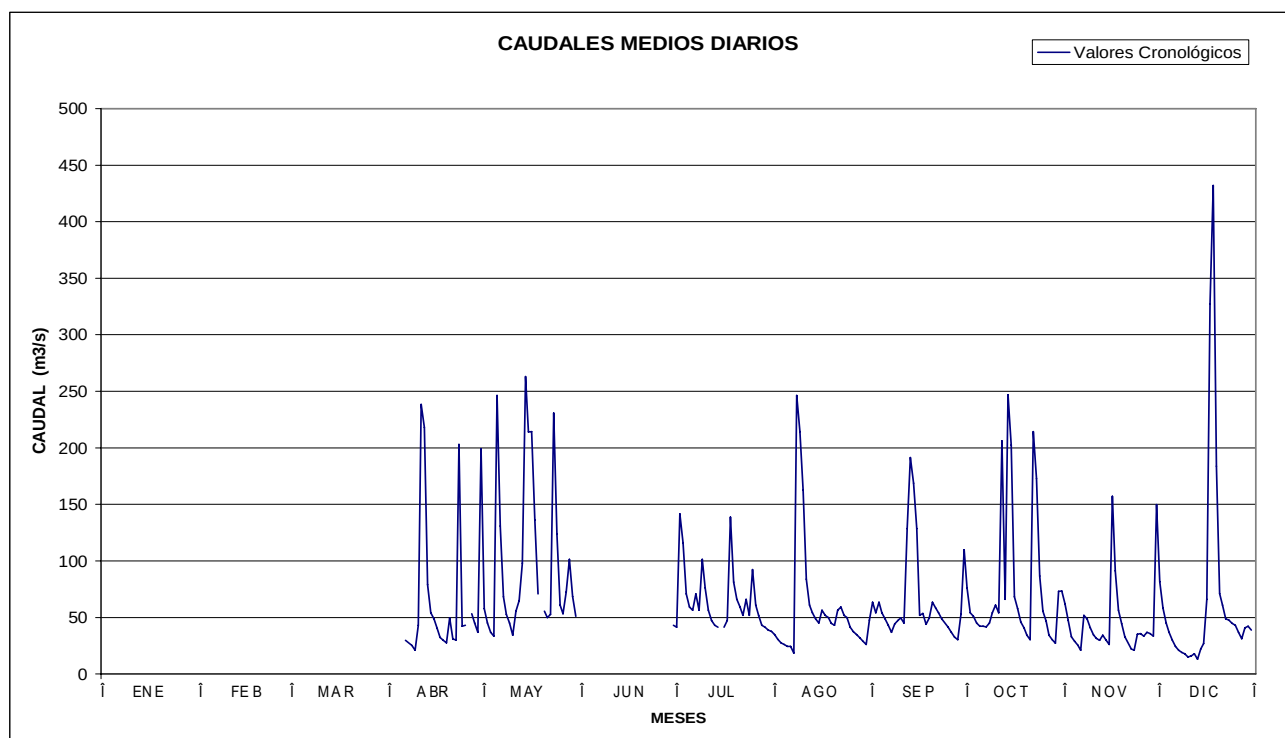
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H731	COSANGA AJ QUIJOS											Area Drenaje:469 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1					199.100 *		43.099 *	37.804 *	47.670 *	109.922 *	73.510 *	149.791 *
2					57.958 *		41.438 *	35.055 *	63.494 *	76.155 *	62.026 *	81.651 *
3					45.229 *		141.567 *	30.559 *	54.060 *	54.211 *	47.437 *	58.240 *
4					37.026 *		115.947 *	27.676 *	63.494 *	50.883 *	33.168 *	45.229 *
5					33.525 *		70.935 *	26.282 *	54.060 *	45.229 *	29.097 *	37.026 *
6					246.363 *		59.157 *	24.249 *	48.675 *	42.268 *	25.610 *	30.189 *
7				29.821 *	130.754 *		56.344 *	24.335 *	43.099 *	42.268 *	20.995 *	24.335 *
8				27.676 *	68.430 *		70.935 *	18.543 *	37.026 *	41.852 *	51.776 *	20.995 *
9				25.264 *	52.680 *		56.344 *	246.363 *	44.320 *	45.229 *	48.675 *	19.137 *
10				20.995 *	45.229 *		101.549 *	214.222 *	47.360 *	54.060 *	41.047 *	17.930 *
11				43.178 *	34.290 *		76.085 *	162.601 *	49.568 *	61.062 *	34.671 *	15.057 *
12				238.436 *	55.466 *		56.344 *	84.090 *	44.938 *	54.060 *	31.651 *	15.946 *
13				218.046 *	64.988 *		47.360 *	61.062 *	128.549 *	206.295 *	29.821 *	17.933 *
14				79.147 *	98.066 *		43.099 *	54.060 *	191.267 *	65.998 *	34.290 *	13.050 *
15				54.060 *	262.873 *		41.438 *	48.675 *	168.909 *	247.012 *	30.189 *	22.288 *
16				48.675 *	214.055 *			45.229 *	128.757 *	202.414 *	26.296 *	26.979 *
17				40.217 *	214.222 *		41.438 *	56.344 *	51.985 *	68.430 *	157.269 *	65.998 *
18				32.403 *	136.216 *		47.360 *	51.776 *	53.694 *	57.750 *	91.376 *	327.202 *
19				29.821 *	70.935 *		138.916 *	49.991 *	43.967 *	46.072 *	56.419 *	432.115 *
20				27.676 *			81.376 *	44.784 *	49.721 *	41.047 *	44.493 *	183.865 *
21				49.568 *	55.466 *		65.926 *	43.099 *	63.494 *	34.290 *	33.168 *	71.006 *
22				30.913 *	49.991 *		59.157 *	56.344 *	58.225 *	30.549 *	27.676 *	61.062 *
23				30.189 *	52.680 *		51.776 *	59.157 *	54.060 *	214.222 *	22.288 *	48.675 *
24				203.091 *	230.731 *		65.926 *	51.776 *	48.675 *	172.851 *	20.995 *	47.795 *
25				42.268 *	123.741 *		51.776 *	49.991 *	45.229 *	86.872 *	35.138 *	44.797 *
26				43.099 *	61.135 *		92.368 *	41.438 *	41.438 *	55.466 *	35.834 *	43.099 *
27					53.167 *		61.062 *	37.400 *	37.026 *	46.989 *	33.525 *	37.026 *
28				53.258 *	72.500 *		51.776 *	35.055 *	32.774 *	34.290 *	37.026 *	31.280 *
29				45.229 *	101.376 *		43.099 *	32.022 *	30.549 *	30.549 *	35.834 *	41.047 *
30				37.026 *	68.573 *		41.438 *	29.097 *	52.680 *	27.325 *	33.525 *	42.268 *
31					50.883 *		38.996 *	26.282 *		73.116 *		38.996 *
Caudal Max.								262.872 *	262.872 *	280.024 *	198.590 *	562.035 *
Día								9	14	15	17	18
Hora								6	6	6	6	18
Caudal Min.								17.339 *	29.818 *	26.975 *	20.995 *	9.918 *
Día								8	29	30	vv	14
Hora								17	18	18		18
Caudal Medio				63.046	99.588		65.134	58.237	62.625	78.024	42.827	68.129

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



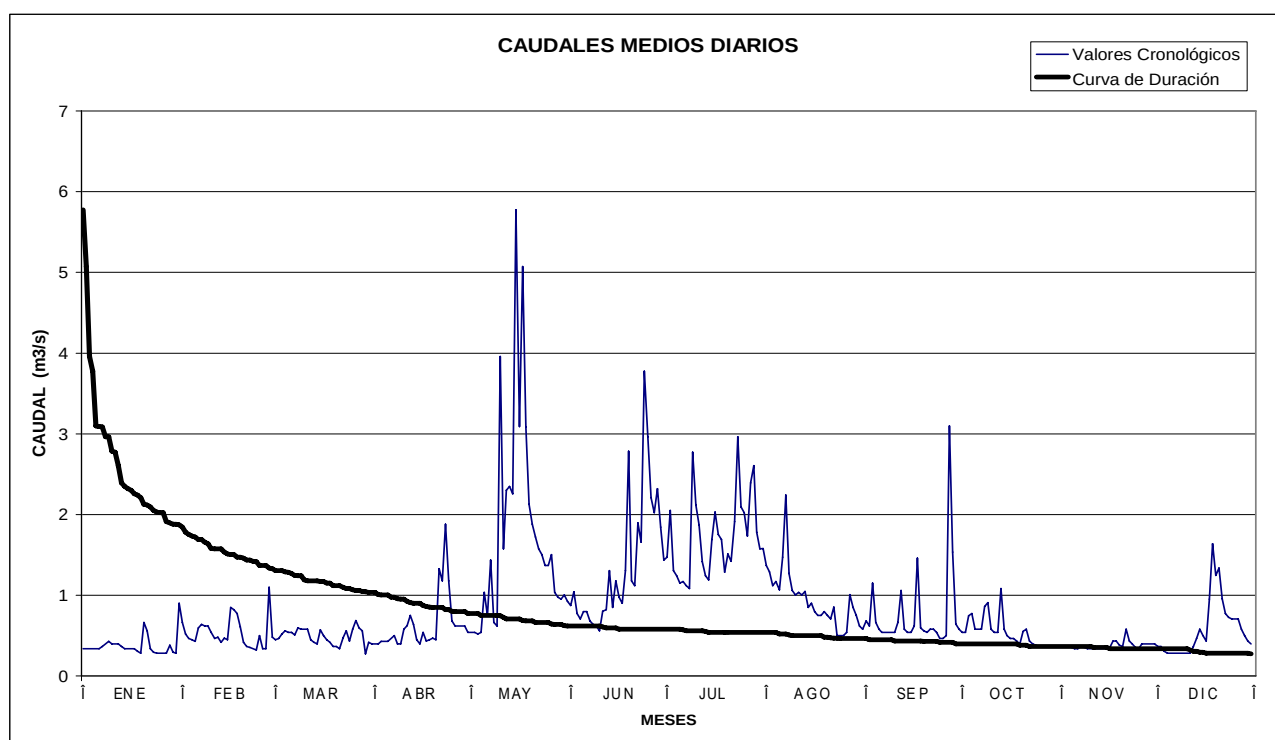
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H764	CALAMACA DJ Q.HUARCUSACHA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.338 *	0.663 *	0.484 *	0.399 *	0.540 *	0.925 *	1.437	1.579	0.580 *	0.579 *	0.368 *	0.399 *
2	0.338 *	0.521 *	0.449 *	0.399 *	0.540 *	0.874 *	1.473	1.370	0.684 *	0.540 *	0.368 *	0.368 *
3	0.338 *	0.466 *	0.466 *	0.399 *	0.540 *	1.045 *	2.051	1.290	0.620 *	0.540 *	0.368 *	0.368 *
4	0.338 *	0.449 *	0.523 *	0.432 *	0.521 *	0.776 *	1.304	1.120	1.152 *	0.746 *	0.368 *	0.310 *
5	0.338 *	0.432 *	0.559 *	0.432 *	0.540 *	0.706 *	1.241	1.170	0.663 *	0.776 *	0.353 *	0.283 *
6	0.338 *	0.599 *	0.540 *	0.432 *	1.038 *	0.799 *	1.150	1.070	0.580 *	0.580 *	0.338 *	0.283 *
7	0.368 *	0.641 *	0.540 *	0.467 *	0.753 *	0.799 *	1.172	1.475	0.540 *	0.579 *	0.338 *	0.283 *
8	0.399 *	0.620 *	0.509 *	0.502 *	1.438 *	0.684 *	1.120	2.242	0.540 *	0.579 *	0.368 *	0.283 *
9	0.432 *	0.620 *	0.599 *	0.399 *	0.663 *	0.641 *	1.083	1.271	0.540 *	0.862 *	0.353 *	0.283 *
10	0.399 *	0.540 *	0.579 *	0.399 *	0.620 *	0.620 *	2.771	1.062	0.540 *	0.910 *	0.338 *	0.283 *
11	0.399 *	0.466 *	0.579 *	0.580 *	3.959 *	0.559 *	2.120	1.006	0.540 *	0.580 *	0.338 *	0.283 *
12	0.399 *	0.484 *	0.579 *	0.623 *	1.576 *	0.803 *	1.875	1.034	0.663 *	0.540 *	0.338 *	0.283 *
13	0.368 *	0.416 *	0.449 *	0.753 *	2.302 *	0.824 *	1.418	1.006	1.063 *	0.540 *	0.338 *	0.368 *
14	0.338 *	0.469 *	0.416 *	0.641 *	2.347 *	1.305 *	1.241	1.048	0.580 *	1.084 *	0.338 *	0.466 *
15	0.338 *	0.449 *	0.399 *	0.449 *	2.258 *	0.849 *	1.191	0.848	0.540 *	0.580 *	0.338 *	0.580 *
16	0.338 *	0.848 *	0.575 *	0.399 *	5.776 *	1.180 *	1.689	0.899	0.540 *	0.503 *	0.338 *	0.503 *
17	0.338 *	0.824 *	0.502 *	0.541 *	3.090 *	0.979 *	2.034	0.799	0.620 *	0.466 *	0.353 *	0.433 *
18	0.309 *	0.776 *	0.449 *	0.433 *	5.071 *	0.899 *	1.754	0.752	1.463 *	0.466 *	0.433 *	0.955 *
19	0.283 *	0.609 *	0.416 *	0.449 *	3.086 *	1.305 *	1.692	0.752	0.599 *	0.433 *	0.433 *	1.642 *
20	0.662 *	0.416 *	0.368 *	0.469 *	2.127 *	2.785 *	1.288	0.799	0.559 *	0.399 *	0.383 *	1.245 *
21	0.559 *	0.368 *	0.368 *	0.449 *	1.880 *	1.180 *	1.512	0.752	0.540 *	0.553 *	0.368 *	1.337 *
22	0.338 *	0.353 *	0.338 *	1.331 *	1.725 *	1.120 *	1.423	0.706	0.579 *	0.580 *	0.580 *	0.960 *
23	0.296 *	0.338 *	0.473 *	1.180 *	1.577 *	1.899	1.912	0.853	0.579 *	0.433 *	0.433 *	0.776 *
24	0.283 *	0.324 *	0.559 *	1.880 *	1.506 *	1.657	2.966	0.502 *	0.540 *	0.399 *	0.399 *	0.729 *
25	0.283 *	0.503 *	0.433 *	1.180 *	1.370 *	3.774	2.094	0.502 *	0.466 *	0.383 *	0.353 *	0.706 *
26	0.283 *	0.338 *	0.580 *	0.684 *	1.370 *	2.966	2.024	0.502 *	0.466 *	0.368 *	0.338 *	0.706 *
27	0.283 *	0.338 *	0.686 *	0.620 *	1.506 *	2.213	1.737	0.540 *	0.503 *	0.368 *	0.399 *	0.706 *
28	0.383 *	1.100 *	0.599 *	0.620 *	1.034 *	2.025	2.393	1.010 *	3.100 *	0.368 *	0.399 *	0.580 *
29	0.296 *		0.559 *	0.620 *	0.979 *	2.320	2.607	0.849 *	1.539 *	0.368 *	0.399 *	0.503 *
30	0.283 *		0.275 *	0.620 *	0.952 *	1.848	1.783	0.753 *	0.643 *	0.368 *	0.399 *	0.433 *
31	0.899 *		0.417 *		1.006 *		1.576	0.620 *		0.368 *		0.399 *
Caudal Max.	0.899 *	1.800 *	0.752 *	2.042 *	8.024 *	4.521	4.389	2.877	5.660 *	1.370 *	0.620 *	2.485 *
Día	31	28	27	22	16	25	10	8	28	14	22	19
Hora	7	17	7	17	7	3	15	15	18	7	7	17
Caudal Min.	0.282 *	0.309 *	0.150 *	0.399 *	0.502 *	0.540 *	1.062	0.502 *	0.466 *	0.368 *	0.338 *	0.282 *
Día	19	24	30	vv	4	11	9	vv	vv	vv	vv	4
Hora	17	17	17		17	17	9					17
Caudal Medio	0.374	0.535	0.492	0.626	1.732	1.345	1.714	0.974	0.752	0.543	0.375	0.572

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



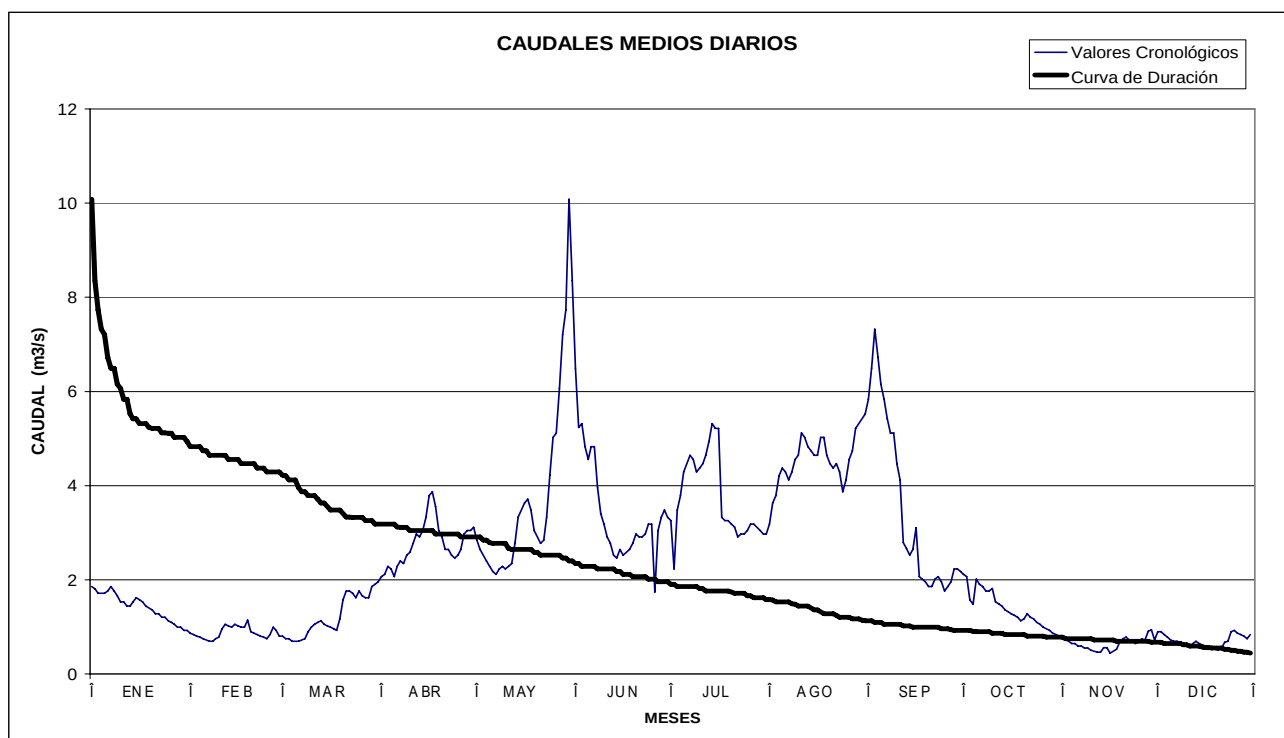
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H783	OZOGOCHE EN LOS LAGOS											Area Drenaje:66 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.860 *	0.867 *	0.808 *	1.962 *	3.116 *	8.355 *	3.332 *	2.978 *	5.519 *	2.176 *	0.808 *	0.725 *
2	1.810 *	0.837 *	0.808 *	2.067 *	2.846 *	6.497 *	3.259 *	3.188 *	5.832 *	2.121 *	0.780 *	0.898 *
3	1.714 *	0.808 *	0.751 *	2.121 *	2.650 *	5.233 *	2.232 *	3.634 *	6.492 *	2.067 *	0.725 *	0.898 *
4	1.714 *	0.780 *	0.751 *	2.289 *	2.526 *	5.319 *	3.481 *	3.792 *	7.324 *	1.573 *	0.698 *	0.837 *
5	1.714 *	0.751 *	0.698 *	2.232 *	2.406 *	4.833 *	3.792 *	4.207 *	6.722 *	1.486 *	0.647 *	0.780 *
6	1.762 *	0.725 *	0.698 *	2.067 *	2.289 *	4.557 *	4.292 *	4.379 *	6.156 *	2.014 *	0.647 *	0.725 *
7	1.860 *	0.698 *	0.698 *	2.289 *	2.176 *	4.833 *	4.468 *	4.292 *	5.832 *	1.910 *	0.598 *	0.698 *
8	1.762 *	0.698 *	0.725 *	2.406 *	2.121 *	4.833 *	4.648 *	4.121 *	5.418 *	1.860 *	0.598 *	0.698 *
9	1.667 *	0.751 *	0.751 *	2.346 *	2.232 *	3.959 *	4.557 *	4.292 *	5.119 *	1.762 *	0.552 *	0.672 *
10	1.531 *	0.780 *	0.898 *	2.526 *	2.289 *	3.406 *	4.292 *	4.557 *	5.122 *	1.765 *	0.552 *	0.647 *
11	1.531 *	0.961 *	0.993 *	2.587 *	2.232 *	3.188 *	4.379 *	4.648 *	4.468 *	1.817 *	0.508 *	0.622 *
12	1.445 *	1.061 *	1.061 *	2.778 *	2.289 *	2.911 *	4.468 *	5.122 *	4.121 *	1.531 *	0.487 *	0.598 *
13	1.445 *	1.027 *	1.096 *	2.978 *	2.346 *	2.778 *	4.648 *	5.023 *	2.791 *	1.488 *	0.467 *	0.647 *
14	1.533 *	0.993 *	1.132 *	2.911 *	2.778 *	2.526 *	4.937 *	4.833 *	2.669 *	1.445 *	0.467 *	0.698 *
15	1.621 *	1.061 *	1.061 *	3.047 *	3.336 *	2.465 *	5.317 *	4.739 *	2.526 *	1.362 *	0.563 *	0.647 *
16	1.576 *	1.027 *	1.027 *	3.332 *	3.481 *	2.650 *	5.218 *	4.648 *	2.650 *	1.322 *	0.563 *	0.622 *
17	1.531 *	0.993 *	0.993 *	3.792 *	3.634 *	2.526 *	5.218 *	4.648 *	3.109 *	1.282 *	0.447 *	0.598 *
18	1.445 *	0.993 *	0.961 *	3.872 *	3.712 *	2.587 *	3.332 *	5.023 *	2.067 *	1.244 *	0.487 *	0.575 *
19	1.403 *	1.145 *	0.929 *	3.559 *	3.485 *	2.650 *	3.259 *	5.023 *	2.014 *	1.205 *	0.530 *	0.552 *
20	1.362 *	0.898 *	1.171 *	3.047 *	3.047 *	2.778 *	3.259 *	4.648 *	1.962 *	1.132 *	0.672 *	0.530 *
21	1.282 *	0.867 *	1.576 *	2.911 *	2.911 *	2.978 *	3.188 *	4.468 *	1.860 *	1.168 *	0.753 *	0.508 *
22	1.282 *	0.837 *	1.762 *	2.650 *	2.778 *	2.911 *	3.118 *	4.379 *	1.860 *	1.282 *	0.780 *	0.552 *
23	1.205 *	0.808 *	1.762 *	2.650 *	2.844 *	2.911 *	2.911 *	4.468 *	2.014 *	1.205 *	0.725 *	0.672 *
24	1.205 *	0.780 *	1.714 *	2.526 *	3.336 *	2.978 *	2.978 *	4.292 *	2.067 *	1.168 *	0.698 *	0.698 *
25	1.132 *	0.751 *	1.621 *	2.465 *	4.226 *	3.188 *	2.978 *	3.872 *	1.962 *	1.096 *	0.647 *	0.898 *
26	1.096 *	0.837 *	1.762 *	2.526 *	5.023 *	3.188 *	3.047 *	4.121 *	1.762 *	1.061 *	0.672 *	0.929 *
27	1.061 *	0.993 *	1.667 *	2.650 *	5.119 *	1.743 *	3.188 *	4.559 *	1.860 *	0.993 *	0.751 *	0.867 *
28	0.993 *	0.929 *	1.621 *	2.978 *	6.062 *	3.047 *	3.188 *	4.742 *	1.962 *	0.961 *	0.725 *	0.837 *
29	0.993 *		1.622 *	3.047 *	7.205 *	3.332 *	3.116 *	5.218 *	2.232 *	0.929 *	0.902 *	0.808 *
30	0.929 *		1.860 *	3.047 *	7.731 *	3.481 *	3.047 *	5.317 *	2.232 *	0.867 *	0.940 *	0.751 *
31	0.929 *		1.910 *		10.082 *		2.978 *	5.418 *		0.837 *		0.837 *
Caudal Max.	1.910 *	1.362 *	1.910 *	3.872 *	10.691 *	8.624 *	5.316 *	5.519 *	7.570 *	2.232 *	1.282 *	0.929 *
Día	1	19	31	18	31	1	15	31	4	1	30	2
Hora	6	7	7	6	6	6	7	18	18	7	18	18
Caudal Mín.	0.929 *	0.698 *	0.698 *	1.910 *	2.121 *	0.508 *	1.205 *	2.978 *	1.714 *	0.808 *	0.428 *	0.508 *
Día	vv	vv	vv	1	7	27	3	1	26	31	15	21
Hora				17	18	7	18	6	18	18	6	6
Caudal Medio	1.432	0.881	1.190	2.722	3.623	3.621	3.746	4.472	3.591	1.423	0.646	0.710

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

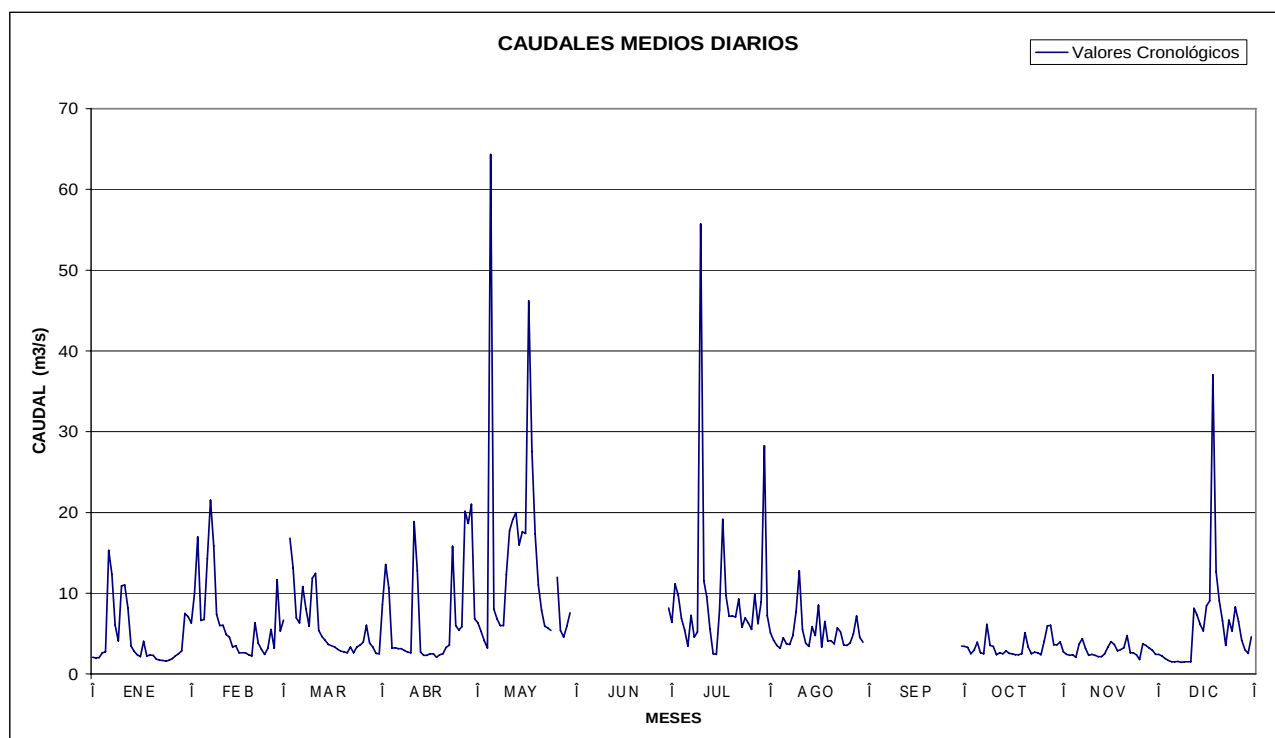


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H787	ALAO EN HDA.ALAO										Area Drenaje:108 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2.085 *	6.294 *	5.352 *	2.534 *	6.819 *		8.195 *	7.227 *		3.465 *	3.983 *	2.456 *
2	2.014 *	9.999 *	6.668 *	8.572 *	6.368 *		6.388 *	5.096 *		3.416 *	2.781 *	2.455 *
3	2.049 *	16.988 *		13.589 *	5.302 *		11.151 *	4.200 *		3.320 *	2.416 *	2.228 *
4	2.615 *	6.614 *	16.832 *	10.633 *	4.143 *		9.763 *	3.566 *		2.494 *	2.305 *	1.947 *
5	2.739 *	6.754 *	13.131 *	3.180 *	3.227 *		6.889 *	3.185 *		2.957 *	2.378 *	1.696 *
6	15.323 *	14.278 *	6.967 *	3.275 *	64.343 *		5.444 *	4.479 *		3.927 *	2.085 *	1.512 *
7	12.338 *	21.533 *	6.294 *	3.133 *	8.019 *		3.470 *	3.719 *		2.657 *	3.691 *	1.512 *
8	6.086 *	15.857 *	10.828 *	3.134 *	6.819 *		7.289 *	3.670 *		2.494 *	4.367 *	1.570 *
9	4.087 *	7.367 *	8.113 *	2.910 *	6.010 *		4.595 *	4.779 *		6.154 *	3.185 *	1.456 *
10	10.942 *	6.010 *	5.942 *	2.697 *	6.010 *		5.211 *	7.686 *		3.566 *	2.305 *	1.512 *
11	11.028 *	6.019 *	11.860 *	2.657 *	12.299 *		55.725 *	12.770 *		3.417 *	2.456 *	1.512 *
12	8.195 *	4.896 *	12.457 *	18.894 *	17.720 *		11.526 *	5.538 *		2.385 *	2.302 *	1.512 *
13	3.465 *	4.595 *	5.403 *	12.775 *	19.129 *		9.560 *	3.819 *		2.618 *	2.155 *	8.130 *
14	2.825 *	3.368 *	4.653 *	2.704 *	19.965 *		5.603 *	3.417 *		2.534 *	2.155 *	7.362 *
15	2.378 *	3.514 *	4.197 *	2.302 *	16.013 *		2.534 *	5.865 *		2.867 *	2.494 *	6.167 *
16	2.155 *	2.657 *	3.670 *	2.305 *	17.590 *		2.456 *	4.779 *		2.574 *	3.324 *	5.314 *
17	4.048 *	2.655 *	3.514 *	2.534 *	17.425 *		7.940 *	8.526 *		2.534 *	4.031 *	8.444 *
18	2.266 *	2.615 *	3.368 *	2.496 *	46.169 *		19.156 *	3.334 *		2.378 *	3.670 *	9.075 *
19	2.349 *	2.377 *	3.090 *	2.085 *	27.541 *		9.740 *	6.508 *		2.377 *	2.867 *	37.026 *
20	2.302 *	2.265 *	2.823 *	2.378 *	17.338 *		7.127 *	4.096 *		2.535 *	3.024 *	12.658 *
21	1.847 *	6.356 *	2.781 *	2.494 *	11.035 *		7.200 *	4.143 *		5.150 *	3.275 *	9.065 *
22	1.720 *	3.819 *	2.615 *	3.320 *	7.888 *		7.060 *	3.715 *		3.324 *	4.779 *	6.596 *
23	1.689 *	3.090 *	3.324 *	3.614 *	5.942 *		9.284 *	5.734 *		2.534 *	2.618 *	3.566 *
24	1.629 *	2.455 *	2.657 *	15.844 *	5.734 *		5.804 *	5.208 *		2.717 *	2.615 *	6.683 *
25	1.720 *	3.180 *	3.324 *	6.010 *	5.401 *		6.967 *	3.614 *		2.615 *	2.378 *	5.339 *
26	1.915 *	5.549 *	3.614 *	5.467 *			6.294 *	3.566 *		2.378 *	1.816 *	8.285 *
27	2.228 *	3.185 *	3.924 *	5.871 *	11.989 *		5.534 *	3.871 *		4.077 *	3.719 *	6.519 *
28	2.535 *	11.659 *	6.019 *	20.136 *	5.407 *		9.852 *	4.965 *		5.961 *	3.566 *	4.200 *
29	2.867 *		3.827 *	18.627 *	4.595 *		6.222 *	7.209 *		6.019 *	3.227 *	3.050 *
30	7.519 *		3.368 *	21.027 *	5.908 *		8.918 *	4.538 *		3.623 *	2.953 *	2.584 *
31	7.120 *		2.574 *		7.606 *		28.254 *	3.924 *		3.623 *		4.642 *
Caudal Max.	15.710 *	34.357 *		26.344 *			57.813 *	18.182 *		6.586 *	5.080 *	57.813 *
Día	6	7		12			11	11		28	22	19
Hora	9	18		18			18	9		9	9	9
Caudal Min.	1.629 *	2.227 *		2.014 *			2.377 *	2.953 *		2.155 *	1.751 *	1.401 *
Día	24	20		19			16	5		12	26	9
Hora	18	9		18			18	9		18	18	9
Caudal Medio	4.325	6.641	5.773	6.906	13.325		9.714	5.056		3.312	2.964	5.680

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

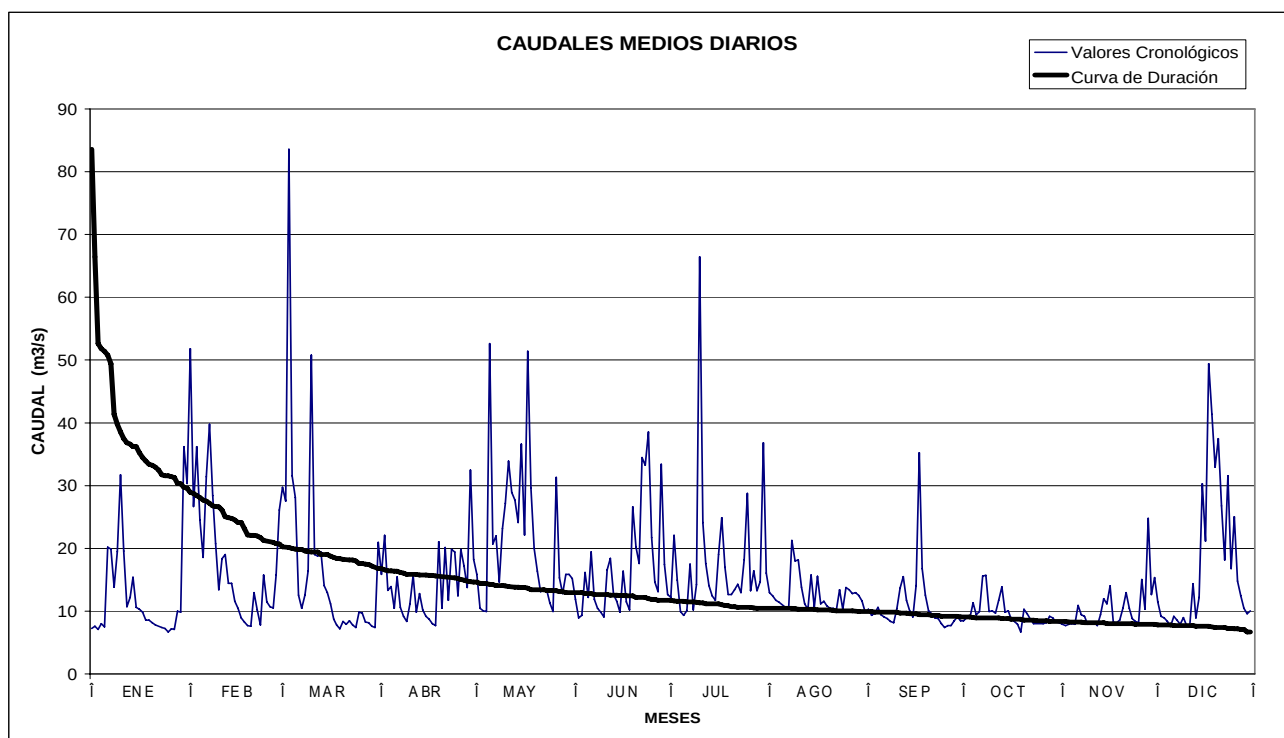


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H788	PUELA AJ CHAMBO											Area Drenaje:197 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	7.299 *	51.849 *	26.126 *	20.975 *	18.256 *	15.246 *	12.655 *	16.078 *	9.827 *	8.495 *	8.154 *	15.386 *
2	7.611 *	26.725 *	29.773 *	15.882 *	15.858 *	11.895 *	12.191 *	12.979 *	10.355 *	8.495 *	7.933 *	11.510 *
3	7.109 *	36.237 *	27.565 *	22.079 *	10.485 *	8.963 *	22.079 *	12.498 *	9.325 *	8.963 *	7.718 *	9.204 *
4	8.045 *	24.528 *	83.585 *	13.304 *	10.091 *	9.330 *	14.965 *	11.746 *	9.699 *	8.963 *	7.933 *	8.961 *
5	7.506 *	18.584 *	31.576 *	13.951 *	9.955 *	16.164 *	9.958 *	11.456 *	10.634 *	11.315 *	8.051 *	8.379 *
6	20.213 *	31.402 *	28.090 *	10.485 *	52.618 *	12.191 *	9.325 *	11.031 *	9.451 *	9.451 *	7.933 *	7.613 *
7	19.908 *	39.799 *	12.565 *	15.444 *	20.713 *	19.425 *	10.137 *	10.618 *	9.081 *	9.955 *	10.905 *	9.204 *
8	13.841 *	28.426 *	10.485 *	10.624 *	22.016 *	11.895 *	17.536 *	10.485 *	8.842 *	15.594 *	9.451 *	8.608 *
9	19.535 *	20.747 *	12.540 *	9.204 *	14.672 *	10.485 *	10.217 *	21.286 *	8.379 *	15.746 *	9.204 *	7.933 *
10	31.756 *	13.443 *	16.432 *	8.379 *	23.163 *	9.827 *	14.268 *	18.011 *	8.154 *	9.958 *	7.933 *	9.020 *
11	19.593 *	18.397 *	50.787 *	11.177 *	27.221 *	9.081 *	66.473 *	18.202 *	10.427 *	10.086 *	8.045 *	7.718 *
12	10.765 *	19.053 *	19.001 *	15.746 *	33.926 *	16.594 *	24.151 *	13.841 *	13.692 *	9.699 *	8.274 *	7.824 *
13	12.216 *	14.438 *	18.789 *	9.857 *	28.914 *	18.417 *	17.638 *	11.172 *	15.538 *	11.733 *	7.718 *	14.396 *
14	15.406 *	14.438 *	19.418 *	12.830 *	27.708 *	12.655 *	14.103 *	10.350 *	11.746 *	13.912 *	9.462 *	8.963 *
15	10.624 *	11.603 *	14.100 *	10.227 *	24.151 *	11.600 *	12.498 *	15.800 *	10.086 *	9.832 *	11.992 *	12.202 *
16	10.350 *	10.485 *	12.967 *	9.204 *	36.606 *	9.832 *	11.746 *	10.618 *	9.081 *	10.101 *	11.177 *	30.308 *
17	9.827 *	8.961 *	11.172 *	8.726 *	22.171 *	16.382 *	19.028 *	15.570 *	14.103 *	8.726 *	14.063 *	21.189 *
18	8.608 *	8.267 *	8.726 *	8.042 *	51.420 *	11.472 *	24.920 *	11.177 *	35.254 *	8.379 *	8.265 *	49.430 *
19	8.613 *	7.718 *	7.827 *	7.718 *	29.578 *	10.217 *	16.987 *	11.603 *	16.799 *	7.933 *	8.158 *	41.376 *
20	8.154 *	7.611 *	7.197 *	21.112 *	19.979 *	26.659 *	12.649 *	10.892 *	12.596 *	6.704 *	8.608 *	32.953 *
21	7.827 *	12.991 *	8.379 *	10.485 *	16.413 *	20.292 *	12.649 *	10.485 *	10.086 *	10.350 *	10.485 *	37.500 *
22	7.611 *	10.227 *	7.933 *	20.162 *	13.119 *	17.591 *	13.443 *	10.485 *	9.574 *	9.574 *	12.979 *	26.759 *
23	7.402 *	7.827 *	8.495 *	11.752 *	13.315 *	34.465 *	14.275 *	10.217 *	8.961 *	8.726 *	10.485 *	18.202 *
24	7.299 *	15.806 *	7.824 *	19.849 *	13.443 *	33.245 *	12.962 *	13.443 *	8.842 *	8.042 *	8.842 *	31.576 *
25	6.704 *	11.510 *	7.410 *	19.435 *	11.323 *	38.574 *	18.214 *	10.355 *	8.045 *	8.042 *	8.379 *	16.799 *
26	7.197 *	10.765 *	9.827 *	12.498 *	9.958 *	21.737 *	28.785 *	13.795 *	7.404 *	8.042 *	8.154 *	25.038 *
27	7.096 *	10.524 *	9.709 *	19.854 *	31.300 *	14.629 *	13.286 *	13.443 *	7.718 *	8.042 *	15.088 *	14.786 *
28	10.018 *	15.800 *	8.274 *	17.198 *	15.331 *	13.131 *	16.432 *	12.807 *	7.718 *	8.154 *	10.350 *	12.506 *
29	9.832 *		8.154 *	13.794 *	12.807 *	33.384 *	13.286 *	12.967 *	8.495 *	9.204 *	24.823 *	10.485 *
30	36.231 *		7.613 *	32.498 *	15.883 *	17.456 *	14.702 *	12.506 *	9.081 *	8.970 *	12.683 *	9.574 *
31	30.365 *		7.402 *		15.858 *		36.828 *	11.624 *		8.265 *		10.101 *
Caudal Max.	42.992 *	60.706 *	89.954 *	32.498 *	55.843 *	51.277 *	89.954 *	31.260 *	39.248 *	18.997 *	25.592 *	77.216 *
Día	30	1	4	30	18	29	11	9	18	8	29	18
Hora	18	7	18	7	18	18	7	18	7	7	7	18
Caudal Min.	6.607 *	7.401 *	6.996 *	7.611 *	9.699 *	8.724 *	8.961 *	9.955 *	7.197 *	6.607 *	7.611 *	7.401 *
Día	3	21	25	19	4	3	7	25	26	20	13	6
Hora	18	7	18	7	18	7	7	18	18	18	18	18
Caudal Medio	12.728	18.149	17.411	14.416	21.557	17.094	17.690	12.824	10.966	9.660	10.108	17.274

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

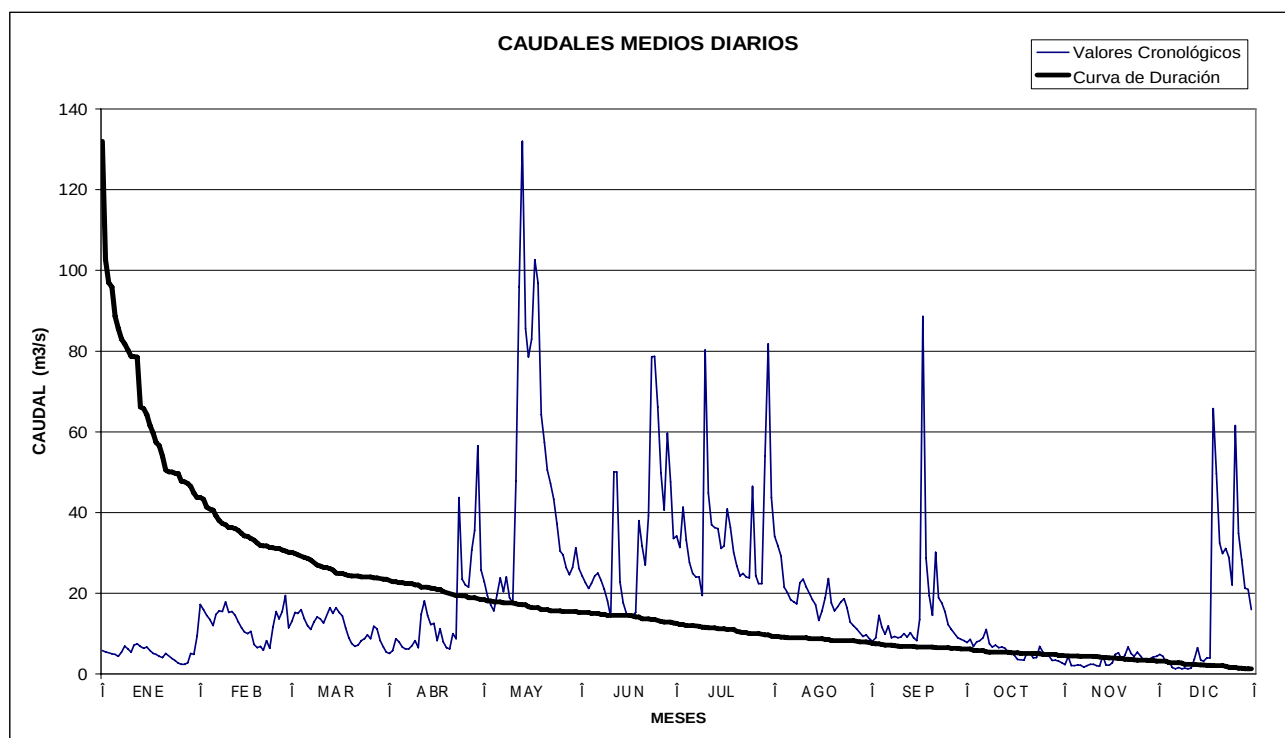


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H790	CEBADAS AJ GUAMOTE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	5.803 *	17.250 *	11.428 *	5.384 *	25.822 *	26.117 *	33.619 *	43.686 *	8.799 *	8.287 *	2.803 *	4.418 *
2	5.524 *	15.956 *	13.057 *	5.115 *	22.924 *	24.347 *	34.231 *	34.157 *	8.116 *	7.785 *	2.332 *	4.852 *
3	5.251 *	14.580 *	15.278 *	5.803 *	19.410 *	22.639 *	31.416 *	31.850 *	8.977 *	8.629 *	4.300 *	4.349 *
4	4.985 *	13.477 *	15.032 *	8.799 *	17.148 *	21.261 *	41.374 *	29.215 *	14.580 *	6.833 *	2.042 *	2.810 *
5	4.852 *	12.023 *	15.956 *	7.952 *	15.720 *	22.503 *	33.148 *	21.535 *	11.620 *	7.952 *	2.072 *	3.229 *
6	4.349 *	14.802 *	13.697 *	6.693 *	19.736 *	24.347 *	27.643 *	20.191 *	9.883 *	8.287 *	2.244 *	1.596 *
7	5.384 *	15.720 *	12.013 *	6.232 *	23.771 *	25.013 *	24.930 *	18.389 *	11.911 *	8.977 *	2.160 *	1.313 *
8	6.990 *	15.518 *	11.014 *	6.239 *	20.469 *	23.201 *	24.055 *	17.888 *	8.977 *	11.021 *	1.673 *	1.596 *
9	6.232 *	17.888 *	12.841 *	7.000 *	24.062 *	20.993 *	24.062 *	17.395 *	9.332 *	7.461 *	2.042 *	1.313 *
10	5.384 *	15.265 *	14.135 *	8.287 *	18.896 *	18.142 *	19.493 *	22.639 *	8.977 *	6.683 *	2.424 *	1.451 *
11	7.143 *	15.491 *	13.697 *	6.536 *	17.638 *	14.135 *	80.256 *	23.503 *	9.151 *	7.185 *	2.424 *	1.313 *
12	7.461 *	14.580 *	12.629 *	14.809 *	47.783 *	50.096 *	44.840 *	21.535 *	10.064 *	6.529 *	2.072 *	1.451 *
13	6.833 *	12.841 *	14.580 *	18.156 *	95.953 *	50.103 *	37.000 *	19.931 *	9.151 *	6.683 *	1.906 *	3.666 *
14	6.383 *	11.407 *	16.429 *	14.580 *	131.963 *	22.924 *	36.268 *	18.389 *	10.255 *	6.383 *	4.571 *	6.536 *
15	6.683 *	10.440 *	15.032 *	12.215 *	85.603 *	17.645 *	36.018 *	17.148 *	8.977 *	5.384 *	2.244 *	3.424 *
16	5.803 *	10.064 *	16.429 *	12.544 *	78.524 *	15.032 *	31.140 *	13.298 *	8.287 *	5.384 *	2.160 *	3.210 *
17	5.115 *	10.561 *	15.258 *	8.287 *	82.973 *	14.580 *	31.799 *	15.720 *	13.498 *	4.604 *	2.803 *	3.992 *
18	4.852 *	7.304 *	14.354 *	11.213 *	102.681 *	14.576 *	40.926 *	18.896 *	88.665 *	3.645 *	4.852 *	3.992 *
19	4.349 *	6.529 *	11.428 *	7.963 *	96.988 *	15.278 *	36.254 *	23.676 *	28.656 *	3.536 *	5.251 *	65.766 *
20	4.107 *	6.833 *	8.977 *	6.536 *	64.289 *	37.993 *	30.169 *	17.645 *	19.410 *	3.424 *	3.666 *	49.694 *
21	5.115 *	5.943 *	7.625 *	6.232 *	57.415 *	31.799 *	26.731 *	15.720 *	14.580 *	5.251 *	4.597 *	32.465 *
22	4.475 *	8.287 *	6.833 *	10.074 *	50.515 *	27.029 *	24.347 *	16.665 *	30.169 *	5.115 *	6.683 *	29.853 *
23	3.873 *	6.383 *	7.143 *	8.799 *	47.231 *	39.182 *	24.930 *	17.888 *	18.906 *	3.992 *	4.985 *	31.140 *
24	3.319 *	11.642 *	8.287 *	43.686 *	43.291 *	78.622 *	24.062 *	18.639 *	17.645 *	4.107 *	4.349 *	28.892 *
25	2.705 *	15.491 *	8.799 *	23.503 *	37.319 *	78.667 *	23.781 *	16.429 *	15.491 *	6.833 *	5.384 *	22.084 *
26	2.424 *	13.697 *	9.695 *	22.094 *	30.488 *	66.187 *	46.480 *	12.841 *	12.222 *	5.384 *	4.475 *	61.626 *
27	2.424 *	15.491 *	8.799 *	21.535 *	29.541 *	49.766 *	24.357 *	12.013 *	11.014 *	4.475 *	3.424 *	34.854 *
28	2.803 *	19.493 *	11.849 *	30.705 *	26.415 *	40.622 *	22.358 *	11.213 *	10.064 *	4.485 *	3.210 *	28.257 *
29	5.115 *		11.213 *	35.551 *	24.635 *	59.685 *	22.365 *	10.255 *	8.977 *	3.319 *	3.880 *	21.268 *
30	4.852 *		8.287 *	56.539 *	26.436 *	47.653 *	53.937 *	9.332 *	8.629 *	3.424 *	4.230 *	20.993 *
31	9.360 *		6.683 *		31.223 *		81.758 *	9.695 *		3.210 *		15.967 *
Caudal Max.	10.436 *	22.080 *	16.905 *	58.305 *	152.145 *	120.643 *	99.705 *	45.626 *	99.705 *	11.606 *	6.986 *	77.625 *
Día	31	1	14	30	14	24	31	1	18	8	22	19
Hora	17	17	7	17	7	17	17	7	7	7	7	7
Caudal Mín.	2.332 *	5.799 *	6.379 *	4.982 *	15.487 *	13.693 *	16.905 *	8.973 *	7.949 *	3.105 *	1.380 *	1.245 *
Día	27	21	31	2	5	11	10	30	2	31	9	9
Hora	7	17	17	17	17	17	17	17	17	17	7	17
Caudal Medio	5.159	12.677	11.886	14.635	45.705	33.338	34.637	19.270	15.166	5.944	3.375	16.044

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



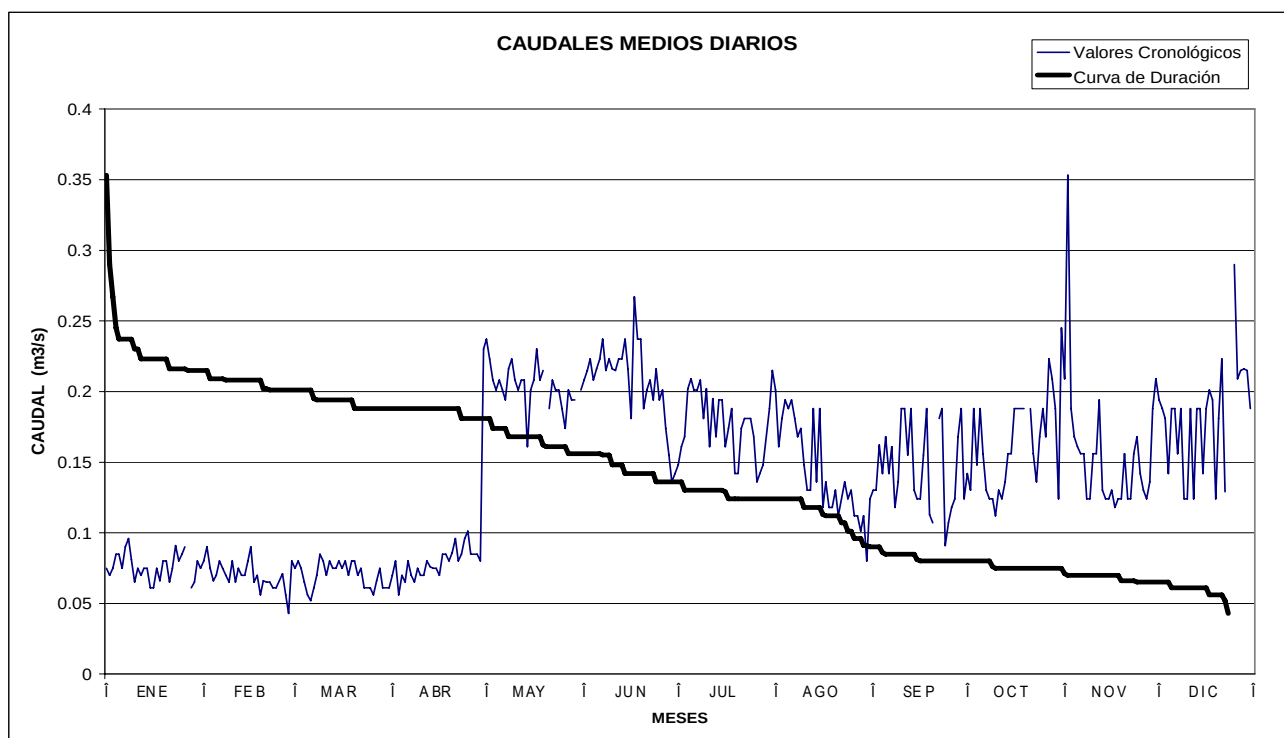
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H791	BALSACON EN SAN ANDRES											Area Drenaje:709 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.075 *	0.080 *	0.080 *	0.061 *	0.230 *	0.201 *	0.142 *	0.215 *	0.124 *	0.124 *	0.245 *	0.209 *
2	0.070 *	0.090 *	0.075 *	0.070 *	0.237 *	0.208 *	0.148 *	0.201 *	0.130 *	0.142 *	0.209 *	0.194 *
3	0.075 *	0.075 *	0.080 *	0.080 *	0.223 *	0.215 *	0.161 *	0.161 *	0.130 *	0.130 *	0.353 *	0.188 *
4	0.085 *	0.066 *	0.075 *	0.056 *	0.208 *	0.223 *	0.168 *	0.181 *	0.162 *	0.188 *	0.188 *	0.181 *
5	0.085 *	0.070 *	0.065 *	0.070 *	0.201 *	0.208 *	0.202 *	0.194 *	0.142 *	0.148 *	0.168 *	0.142 *
6	0.075 *	0.080 *	0.056 *	0.065 *	0.208 *	0.216 *	0.209 *	0.188 *	0.168 *	0.188 *	0.161 *	0.188 *
7	0.090 *	0.075 *	0.052 *	0.080 *	0.201 *	0.223 *	0.201 *	0.194 *	0.142 *	0.156 *	0.156 *	0.188 *
8	0.096 *	0.070 *	0.061 *	0.070 *	0.194 *	0.237 *	0.201 *	0.181 *	0.161 *	0.130 *	0.156 *	0.156 *
9	0.081 *	0.065 *	0.070 *	0.065 *	0.216 *	0.215 *	0.208 *	0.168 *	0.118 *	0.124 *	0.124 *	0.188 *
10	0.065 *	0.080 *	0.085 *	0.075 *	0.223 *	0.223 *	0.181 *	0.174 *	0.136 *	0.124 *	0.124 *	0.124 *
11	0.075 *	0.065 *	0.080 *	0.070 *	0.208 *	0.216 *	0.202 *	0.148 *	0.188 *	0.112 *	0.156 *	0.124 *
12	0.070 *	0.075 *	0.070 *	0.070 *	0.201 *	0.215 *	0.161 *	0.130 *	0.188 *	0.130 *	0.156 *	0.188 *
13	0.075 *	0.070 *	0.080 *	0.080 *	0.208 *	0.223 *	0.195 *	0.130 *	0.155 *	0.124 *	0.194 *	0.124 *
14	0.075 *	0.070 *	0.075 *	0.076 *	0.208 *	0.223 *	0.168 *	0.188 *	0.188 *	0.136 *	0.130 *	0.188 *
15	0.061 *	0.080 *	0.075 *	0.075 *	0.161 *	0.237 *	0.194 *	0.136 *	0.130 *	0.156 *	0.124 *	0.188 *
16	0.061 *	0.090 *	0.080 *	0.075 *	0.201 *	0.216 *	0.194 *	0.188 *	0.124 *	0.156 *	0.124 *	0.142 *
17	0.075 *	0.065 *	0.075 *	0.070 *	0.208 *	0.181 *	0.161 *	0.118 *	0.124 *	0.188 *	0.130 *	0.188 *
18	0.066 *	0.070 *	0.080 *	0.085 *	0.230 *	0.267 *	0.174 *	0.136 *	0.155 *	0.188 *	0.118 *	0.201 *
19	0.080 *	0.056 *	0.070 *	0.085 *	0.208 *	0.237 *	0.188 *	0.118 *	0.188 *	0.188 *	0.124 *	0.194 *
20	0.080 *	0.066 *	0.080 *	0.080 *	0.215 *	0.237 *	0.142 *	0.118 *	0.113 *	0.188 *	0.124 *	0.124 *
21	0.065 *	0.065 *	0.080 *	0.086 *		0.188 *	0.142 *	0.130 *	0.107 *		0.156 *	0.181 *
22	0.075 *	0.065 *	0.070 *	0.096 *	0.188 *	0.201 *	0.174 *	0.112 *		0.188 *	0.124 *	0.223 *
23	0.091 *	0.061 *	0.075 *	0.080 *	0.208 *	0.208 *	0.181 *	0.124 *	0.181 *	0.156 *	0.124 *	0.129 *
24	0.080 *	0.061 *	0.061 *	0.085 *	0.201 *	0.194 *	0.181 *	0.136 *	0.188 *	0.136 *	0.156 *	
25	0.085 *	0.066 *	0.061 *	0.096 *	0.201 *	0.216 *	0.181 *	0.124 *	0.091 *	0.168 *	0.168 *	
26	0.090 *	0.071 *	0.061 *	0.101 *	0.188 *	0.194 *	0.168 *	0.130 *	0.107 *	0.188 *	0.142 *	0.290 *
27		0.056 *	0.056 *	0.085 *	0.174 *	0.201 *	0.136 *	0.112 *	0.118 *	0.168 *	0.130 *	0.209 *
28	0.061 *	0.043 *	0.066 *	0.085 *	0.201 *	0.174 *	0.142 *	0.112 *	0.124 *	0.223 *	0.124 *	0.215 *
29	0.065 *		0.075 *	0.085 *	0.194 *	0.155 *	0.148 *	0.101 *	0.168 *	0.209 *	0.136 *	0.216 *
30	0.080 *		0.061 *	0.080 *	0.194 *	0.136 *	0.168 *	0.112 *	0.188 *	0.188 *	0.188 *	0.215 *
31	0.075 *		0.061 *				0.188 *	0.080 *		0.124 *		0.188 *
Caudal Max.		0.090 *	0.090 *	0.101 *		0.275 *	0.230 *	0.215 *			0.518 *	
Día		vv	10	21		18	11	1			3	
Hora			7	7		17	7	7			17	
Caudal Mín.		0.043 *	0.052 *	0.052 *		0.136 *	0.136 *	0.080 *			0.070 *	
Día		28	28	4		30	27	31			18	
Hora		17	17	17		17	17	17			7	
Caudal Medio	0.076	0.070	0.071	0.078	0.205	0.210	0.174	0.147	0.146	0.159	0.157	0.182

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



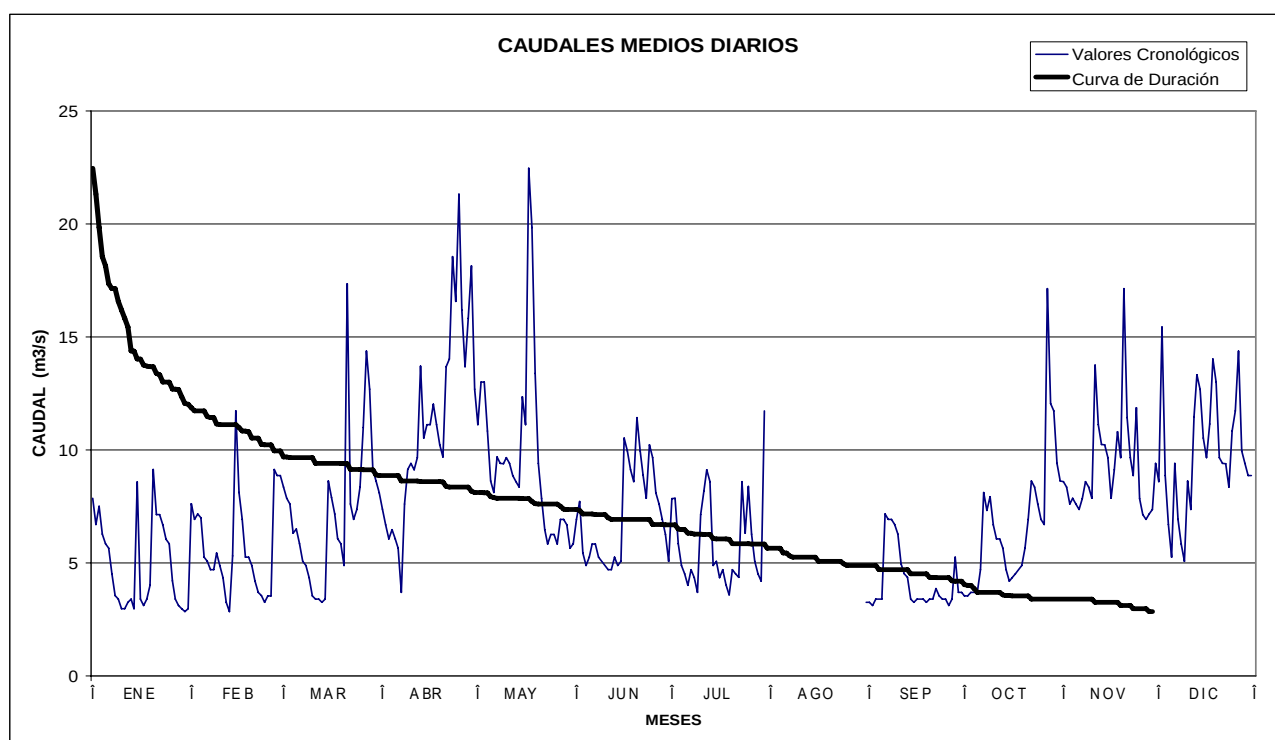
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H792	CUTUCHI AJ YANAYACU											Area Drenaje:2018 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	7.862 *	7.632 *	8.872 *	8.101 *	12.695 *	5.864 *	5.084 *		3.259 *	3.706 *	8.624 *	9.405 *
2	6.713 *	6.925 *	8.358 *	7.385 *	11.119 *	6.925 *	7.853 *		3.259 *	3.552 *	8.606 *	8.606 *
3	7.520 *	7.164 *	7.862 *	6.695 *	13.010 *	7.723 *	7.862 *		3.120 *	3.552 *	8.358 *	15.440 *
4	6.280 *	6.996 *	7.614 *	6.059 *	13.010 *	5.449 *	5.864 *		3.405 *	3.706 *	7.614 *	8.872 *
5	5.864 *	5.262 *	6.315 *	6.483 *	10.834 *	4.889 *	4.889 *		3.405 *	3.706 *	7.862 *	6.713 *
6	5.652 *	5.068 *	6.510 *	6.059 *	8.624 *	5.254 *	4.533 *		3.405 *	3.706 *	7.614 *	5.262 *
7	4.533 *	4.703 *	5.864 *	5.652 *	8.119 *	5.847 *	4.022 *		7.164 *	4.703 *	7.376 *	9.405 *
8	3.560 *	4.703 *	5.068 *	3.706 *	9.691 *	5.847 *	4.703 *		6.925 *	8.119 *	7.853 *	6.925 *
9	3.405 *	5.449 *	4.889 *	7.614 *	9.405 *	5.262 *	4.355 *		6.925 *	7.325 *	8.606 *	5.847 *
10	2.988 *	4.889 *	4.355 *	9.148 *	9.396 *	5.068 *	3.706 *		6.713 *	7.935 *	8.358 *	5.068 *
11	2.988 *	4.355 *	3.552 *	9.405 *	9.672 *	4.889 *	7.138 *		6.280 *	6.695 *	7.862 *	8.624 *
12	3.266 *	3.266 *	3.405 *	9.129 *	9.405 *	4.703 *	8.182 *		4.955 *	6.059 *	13.763 *	7.376 *
13	3.405 *	2.849 *	3.405 *	9.672 *	8.872 *	4.703 *	9.129 *		4.533 *	6.059 *	11.119 *	11.474 *
14	2.988 *	5.317 *	3.266 *	13.712 *	8.606 *	5.262 *	8.606 *		4.371 *	5.652 *	10.253 *	13.335 *
15	8.592 *	11.730 *	3.405 *	10.529 *	8.358 *	4.889 *	4.889 *		3.405 *	4.703 *	10.233 *	12.675 *
16	3.405 *	8.119 *	8.624 *	11.119 *	12.350 *	5.068 *	5.068 *		3.259 *	4.193 *	9.672 *	10.529 *
17	3.120 *	6.925 *	7.890 *	11.119 *	11.119 *	10.529 *	4.355 *		3.405 *	4.355 *	7.862 *	9.672 *
18	3.405 *	5.254 *	7.164 *	12.035 *	22.462 *	9.957 *	4.703 *		3.405 *	4.525 *	9.129 *	11.149 *
19	4.022 *	5.254 *	6.085 *	11.119 *	19.838 *	9.129 *	4.038 *		3.405 *	4.703 *	10.814 *	14.037 *
20	9.148 *	4.889 *	5.864 *	10.233 *	13.397 *	8.606 *	3.583 *		3.266 *	4.889 *	9.672 *	13.000 *
21	7.146 *	4.193 *	4.889 *	9.691 *	9.405 *	11.434 *	4.703 *		3.405 *	5.652 *	17.142 *	9.672 *
22	7.146 *	3.706 *	17.355 *	13.681 *	7.862 *	9.957 *	4.533 *		3.405 *	6.925 *	11.434 *	9.405 *
23	6.695 *	3.560 *	7.614 *	14.037 *	6.483 *	8.900 *	4.371 *		3.868 *	8.624 *	9.672 *	9.396 *
24	6.051 *	3.266 *	6.925 *	18.565 *	5.847 *	7.862 *	8.606 *		3.552 *	8.358 *	8.872 *	8.358 *
25	5.864 *	3.552 *	7.376 *	16.572 *	6.263 *	10.233 *	6.315 *		3.405 *	7.614 *	11.879 *	10.834 *
26	4.216 *	3.552 *	8.358 *	21.325 *	6.263 *	9.672 *	8.386 *		3.405 *	6.925 *	7.853 *	11.730 *
27	3.405 *	9.148 *	10.990 *	16.184 *	5.847 *	8.101 *	6.280 *		3.120 *	6.713 *	7.146 *	14.372 *
28	3.120 *	8.872 *	14.372 *	13.681 *	6.925 *	7.614 *	5.068 *		3.405 *	17.142 *	6.925 *	9.957 *
29	2.981 *		12.695 *	15.817 *	6.925 *	6.925 *	4.533 *		5.262 *	12.055 *	7.164 *	9.405 *
30	2.849 *		9.148 *	18.144 *	6.695 *	6.263 *	4.193 *		3.706 *	11.730 *	7.376 *	8.872 *
31	2.981 *		8.624 *		5.652 *		11.730 *			9.405 *		8.872 *
Caudal Max.	13.000 *	12.350 *	25.314 *	25.314 *	23.382 *	12.350 *	12.350 *		7.853 *	24.336 *	24.336 *	15.807 *
Día	15	15	22	26	18	21	31		7	28	21	3
Hora	7	7	7	7	7	7	7		7	17	7	7
Caudal Mín.	2.718 *	2.718 *	2.981 *	3.552 *	5.254 *	4.525 *	2.981 *		2.981 *	3.552 *	6.475 *	4.881 *
Día	30	13	14	8	31	12	20		27	vv	28	10
Hora	17	17	17	17	17	17	7		17		17	17
Caudal Medio	4.877	5.593	7.313	11.089	9.811	7.094	5.848		4.147	6.548	9.224	9.816

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

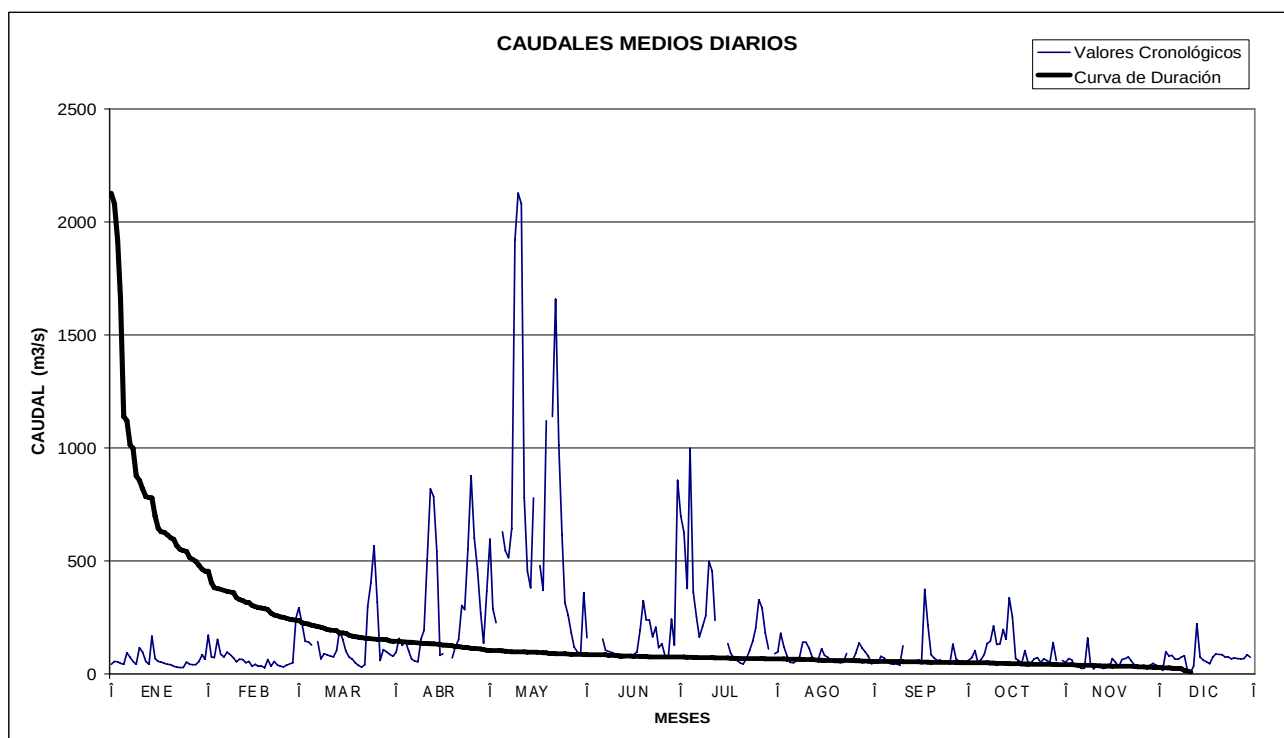


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H881	BOMBOIZA AJ ZAMORA											Area Drenaje:1390 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	43.690 *	172.297 *	247.299 *	78.466 *	366.170 *	359.639 *	856.882 *	89.867 *	46.187 *	56.023 *	59.624 *	38.449 *
2	55.089 *	75.085 *	293.243 *	96.020 *	597.137 *	160.453 *	698.359 *	98.334 *	50.663 *	60.086 *	51.521 *	34.834 *
3	54.658 *	73.163 *	221.476 *	158.138 *	288.934 *		626.704 *	180.681 *	49.389 *	73.163 *	68.164 *	17.055 *
4	46.963 *	153.079 *	144.764 *	125.858 *	228.093 *		378.200 *	120.501 *	78.977 *	103.392 *	63.076 *	98.106 *
5	42.522 *	86.473 *	142.410 *	144.536 *			998.588 *	80.135 *	70.924 *	50.645 *	35.182 *	80.989 *
6	94.463 *	75.334 *	128.745 *	102.844 *	630.075 *		362.300 *	51.353 *	55.990 *	64.596 *	36.099 *	82.513 *
7	74.775 *	95.970 *		66.932 *	546.122 *	154.676 *	253.319 *	49.812 *	46.148 *	87.308 *	24.714 *	65.835 *
8	56.496 *	86.153 *	143.486 *	57.941 *	515.443 *	105.328 *	163.887 *	57.371 *	43.299 *	135.086 *	26.068 *	65.548 *
9	44.085 *	71.765 *	67.396 *	54.608 *	642.582 *	100.242 *	209.956 *	75.178 *	45.379 *	145.238 *	159.193 *	76.446 *
10	116.925 *	54.695 *	90.474 *	156.424 *	1918.818 *	95.300 *	258.702 *	139.853 *	38.800 *	213.451 *	40.953 *	81.768 *
11	96.615 *	66.003 *	85.673 *	193.579 *	2127.684 *	90.554 *	499.335 *	139.853 *	125.518 *	130.883 *	23.061 *	14.006 *
12	56.496 *	63.527 *	79.532 *	507.488 *	2081.460 *	73.060 *	455.170 *	113.950 *		133.090 *	36.448 *	9.891 *
13	43.299 *	51.094 *	74.960 *	818.604 *	780.181 *	69.940 *	236.405 *	77.444 *		198.338 *	32.575 *	36.231 *
14	167.822 *	55.524 *	103.397 *	785.084 *	455.090 *	72.531 *		57.724 *		154.018 *	24.767 *	222.151 *
15	68.877 *	34.834 *	191.901 *	543.410 *	380.774 *	76.257 *		67.938 *	51.032 *	338.325 *	27.086 *	75.228 *
16	56.064 *	43.299 *	153.260 *	82.110 *	779.567 *	77.340 *		112.965 *	51.090 *	251.025 *	30.688 *	62.330 *
17	52.389 *	34.838 *	101.210 *	89.986 *		86.385 *	134.773 *	83.502 *	53.807 *	68.918 *	69.414 *	54.229 *
18	46.963 *	35.880 *	75.247 *		480.709 *	96.726 *	92.324 *	74.775 *	374.270 *	59.632 *	51.423 *	46.490 *
19	43.299 *	28.008 *	65.785 *		369.338 *	194.211 *	71.539 *	59.159 *	215.071 *	47.390 *	32.272 *	74.934 *
20	40.990 *	64.881 *	49.262 *	71.539 *	1121.453 *	325.329 *	60.692 *	51.521 *	85.271 *	104.156 *	63.527 *	88.754 *
21	35.182 *	34.838 *	39.124 *	120.501 *		240.032 *	50.671 *	51.953 *	69.810 *	54.695 *	69.433 *	87.165 *
22	29.556 *	55.591 *	31.014 *	151.807 *	1139.794 *	238.695 *	44.903 *	50.235 *	59.926 *	51.094 *	75.247 *	86.125 *
23	29.243 *	42.139 *	42.331 *	302.851 *	1659.126 *	165.133 *	69.510 *	51.546 *	61.218 *	66.295 *	59.067 *	76.529 *
24	28.935 *	34.838 *	298.350 *	285.360 *	1013.322 *	207.286 *	103.420 *	91.934 *	51.892 *	73.670 *	39.961 *	75.169 *
25	53.370 *	31.967 *	404.268 *	550.558 *	615.418 *	117.558 *	146.187 *		54.634 *	51.892 *	38.485 *	66.865 *
26	42.522 *	38.969 *	567.620 *	877.915 *	315.953 *	133.849 *	203.533 *	60.093 *	43.233 *	67.394 *	28.317 *	71.809 *
27	41.752 *	44.927 *	318.062 *	602.677 *	260.873 *	80.707 *	328.485 *	93.423 *	132.268 *	59.574 *	35.904 *	68.770 *
28	42.139 *	50.663 *	59.306 *	462.963 *	181.506 *	73.060 *	292.828 *	138.447 *	67.781 *	51.587 *	34.491 *	66.791 *
29	55.122 *		107.736 *	269.534 *	120.106 *	242.436 *	182.015 *	113.625 *	55.554 *	139.640 *	38.832 *	68.791 *
30	85.791 *		98.495 *	136.863 *	97.722 *	128.131 *	111.417 *	99.345 *	58.644 *	59.495 *	46.963 *	85.923 *
31	65.487 *		86.354 *		85.232 *			78.427 *				74.220 *
Caudal Max.	216.202 *	236.223 *									304.787 *	375.388 *
Día	14	4									9	14
Hora	6	6									17	17
Caudal Mín.	28.313 *	9.229 *									9.891 *	9.891 *
Día	25	24									11	12
Hora	6	6									6	6
Caudal Medio	58.438	62.708	150.406	281.950	707.096	144.802	292.226	87.031	79.140	105.003	47.418	69.482

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

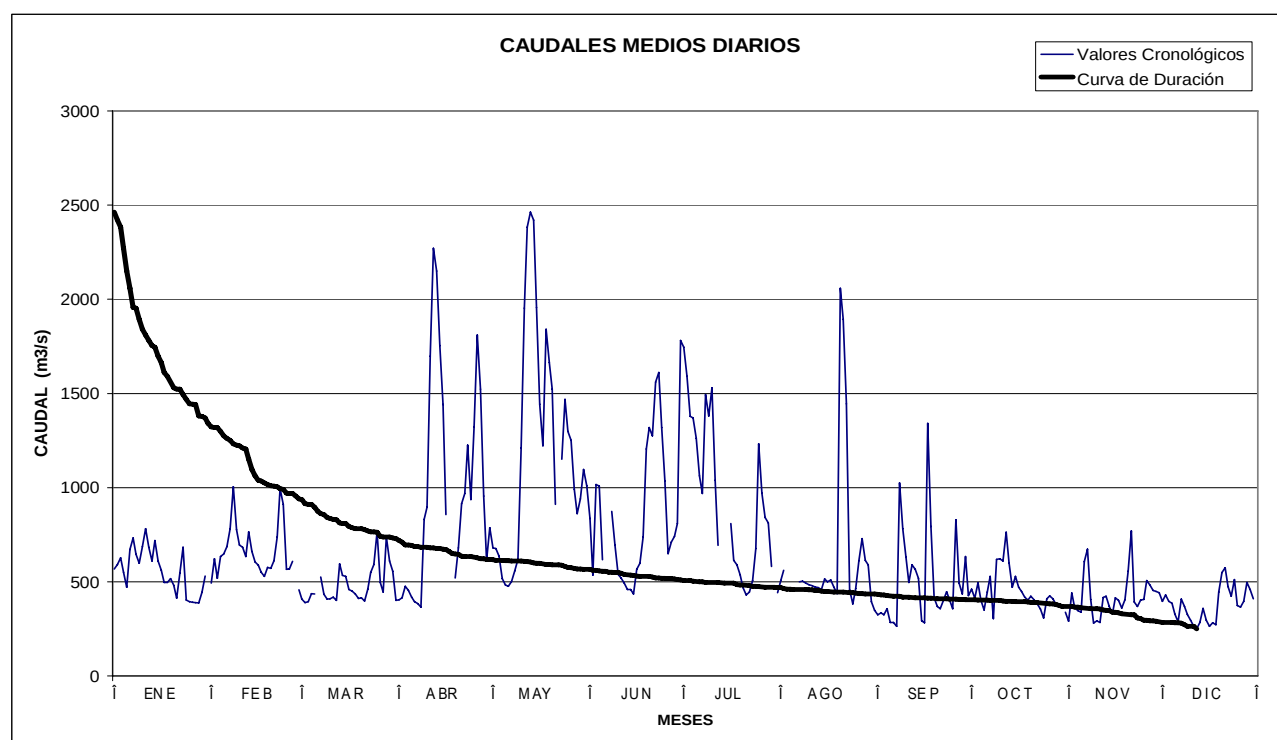


CAUDALES MEDIOS DIARIOS (m³/s)

2003

ZAMORA AJ BOMBOIZA													Area Drenaje:8459 km2		
H884	DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC		
	1	567.292 *	493.919 *	457.314 *	402.259 *	788.857 *	1009.852 *	1781.616 *	442.608 *	349.449 *	427.964 *	339.717 *	442.529 *		
	2	593.299 *	623.067 *	408.904 *	404.463 *	680.273 *	836.639 *	1746.028 *	506.617 *	325.686 *	461.947 *	291.669 *	397.252 *		
	3	627.854 *	519.298 *	390.020 *	416.743 *	677.441 *	535.685 *	1591.124 *	561.434 *	336.679 *	414.488 *	440.637 *	429.813 *		
	4	551.156 *	635.079 *	394.450 *	476.719 *	636.255 *	1017.387 *	1379.382 *		325.686 *	495.082 *	362.552 *	396.217 *		
	5	471.000 *	647.121 *	438.185 *	453.916 *	517.051 *	1007.784 *	1369.876 *		357.100 *	403.365 *	347.278 *	386.645 *		
	6	673.130 *	687.156 *	434.691 *	418.967 *	483.592 *	618.293 *	1261.734 *		285.324 *	349.855 *	339.935 *	327.788 *		
	7	733.480 *	781.923 *		394.450 *	476.700 *		1062.592 *		285.326 *	446.206 *	607.531 *	287.498 *		
	8	645.938 *	1005.119 *	526.461 *	384.498 *	502.019 *		970.262 *	500.848 *	264.451 *	528.240 *	673.864 *	409.073 *		
	9	598.030 *	777.944 *	433.699 *	366.955 *	558.025 *	874.470 *	1494.334 *	503.130 *	1025.943 *	304.332 *	407.311 *	368.946 *		
	10	687.875 *	695.579 *	407.809 *	832.885 *	620.706 *	696.135 *	1380.762 *	493.919 *	783.205 *	620.674 *	281.128 *	326.682 *		
	11	782.919 *	684.575 *	411.139 *	896.645 *	1211.442 *	540.447 *	1529.618 *	484.716 *	631.468 *	623.066 *	292.718 *	296.941 *		
	12	684.589 *	635.079 *	419.143 *	1698.499 *	1954.094 *	521.705 *	1039.838 *	480.131 *	495.685 *	611.131 *	283.355 *	263.414 *		
	13	611.131 *	766.495 *	401.116 *	2272.053 *	2382.679 *	492.761 *	693.273 *	473.285 *	589.738 *	763.087 *	417.103 *	251.055 *		
	14	719.007 *	661.820 *	596.238 *	2149.573 *	2463.379 *	460.725 *		469.863 *	566.111 *	600.484 *	424.581 *	284.767 *		
	15	611.131 *	606.357 *	535.559 *	1754.579 *	2421.221 *	459.589 *		459.589 *	519.352 *	472.157 *	369.011 *	359.379 *		
	16	562.749 *	588.537 *	530.073 *	1441.647 *	1955.933 *	435.813 *		514.722 *	292.718 *	529.968 *	330.103 *	296.647 *		
	17	496.093 *	551.996 *	460.859 *	858.067 *	1443.955 *	566.111 *	810.392 *	500.822 *	283.226 *	472.157 *	416.723 *	264.940 *		
	18	496.093 *	528.634 *	450.545 *		1222.865 *	599.219 *	614.704 *	511.235 *	1342.845 *	449.396 *	401.141 *	283.225 *		
	19	518.344 *	575.542 *	435.909 *		1840.467 *	737.496 *	590.927 *	472.138 *	793.572 *	419.033 *	361.465 *	273.108 *		
	20	482.733 *	572.038 *	412.264 *	521.718 *	1665.289 *	1206.016 *	536.912 *	437.010 *	415.966 *	403.521 *	404.456 *	445.761 *		
	21	413.368 *	612.315 *	416.725 *	679.915 *	1522.951 *	1319.522 *	469.915 *	2058.547 *	369.094 *	423.474 *	555.598 *	549.375 *		
	22	546.347 *	738.758 *	398.900 *	915.455 *	911.302 *	1276.246 *	431.343 *	1893.593 *	358.197 *	405.591 *	770.394 *	575.022 *		
	23	683.500 *	994.711 *	461.930 *	969.096 *		1560.205 *	446.005 *	1445.305 *	401.326 *	383.556 *	392.716 *	473.649 *		
	24	403.365 *	912.578 *	549.687 *	1226.043 *	1152.171 *	1611.880 *	507.777 *	458.544 *	447.352 *	356.227 *	368.454 *	423.758 *		
	25	394.450 *	566.099 *	592.098 *	937.246 *	1468.147 *	1319.537 *	676.467 *	383.422 *	404.484 *	308.706 *	403.949 *	512.397 *		
	26	392.234 *	568.484 *	765.884 *	1323.366 *	1299.205 *	1035.548 *	1232.758 *	464.494 *	358.197 *	411.060 *	406.620 *	374.986 *		
	27	390.020 *	608.771 *	496.249 *	1810.283 *	1252.222 *	650.788 *	971.547 *	613.085 *	830.353 *	425.730 *	506.683 *	365.577 *		
	28	388.913 *		445.978 *	1523.695 *	990.890 *	711.755 *	841.672 *	731.008 *	492.959 *	410.262 *	483.679 *	396.217 *		
	29	444.868 *		738.802 *	956.749 *	862.035 *	740.843 *	812.817 *	613.523 *	435.593 *	380.100 *	455.128 *	496.778 *		
	30	530.963 *		611.131 *	613.523 *	940.064 *	809.084 *	582.742 *	590.910 *	634.152 *		449.381 *	460.891 *		
	31			556.780 *		1097.842 *			395.558 *				410.711 *		
Caudal Max.										1561.553 *			873.201 *	944.540 *	
Día										18			22	22	
Hora										7			17	7	
Caudal Mín.										262.377 *			262.377 *	177.986 *	
Día										8			12	27	
Hora										17			18	17	
Caudal Medio		556.729	668.111	485.951	967.857	1199.969	844.698	993.571	646.669	500.041	458.650	419.496	381.646		

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

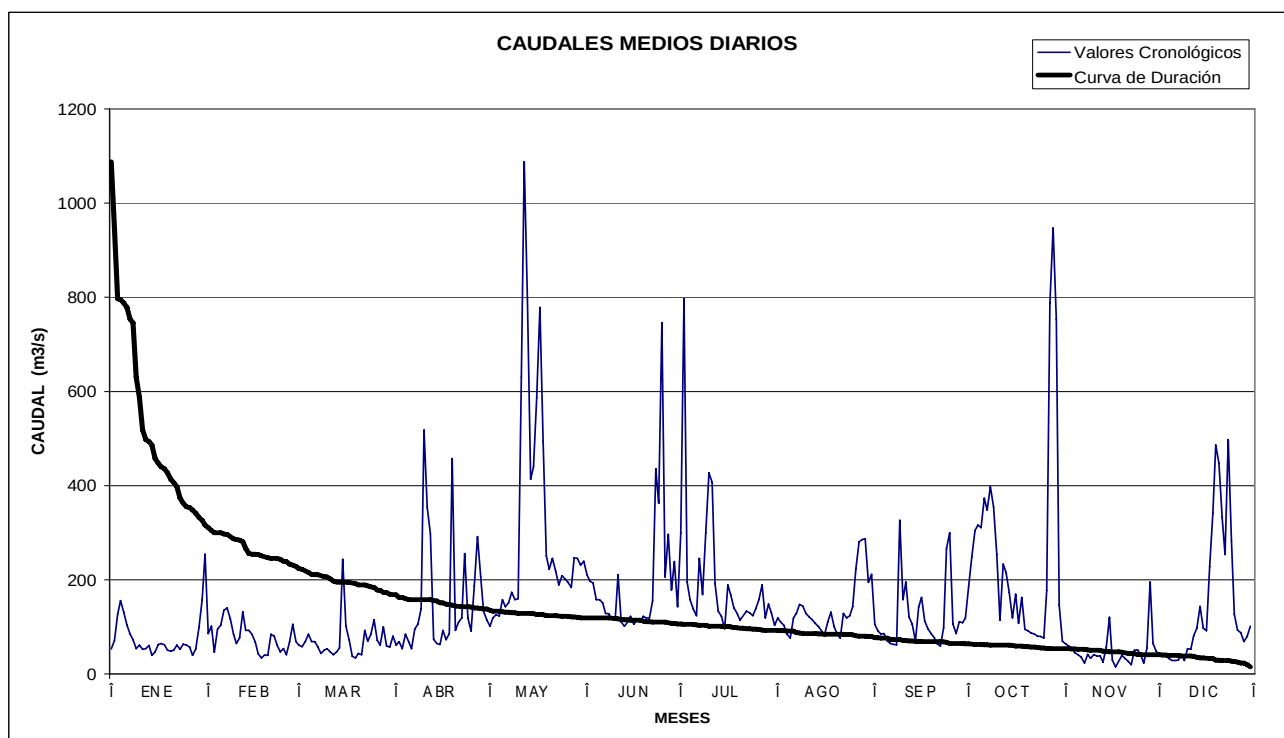


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H887	YACUAMBI AJ ZAMORA											Area Drenaje:1700 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	53.430 *	86.325 *	68.857 *	80.740 *	115.029 *	239.574 *	143.173 *	103.332 *	211.844 *	118.577 *	69.594 *	48.641 *
2	71.134 *	101.605 *	61.355 *	61.355 *	101.605 *	211.127 *	300.043 *	119.505 *	105.616 *	184.864 *	64.287 *	41.297 *
3	127.098 *	46.139 *	57.827 *	68.857 *	119.505 *	197.110 *	796.811 *	110.434 *	91.484 *	249.109 *	59.130 *	38.718 *
4	156.059 *	95.623 *	68.857 *	54.148 *	126.040 *	193.529 *	194.758 *	103.332 *	85.496 *	304.874 *	55.529 *	38.718 *
5	131.625 *	103.381 *	84.967 *	84.967 *	123.265 *	158.089 *	158.089 *	84.702 *	86.325 *	316.451 *	45.205 *	32.587 *
6	104.276 *	135.801 *	68.857 *	68.857 *	158.089 *	158.089 *	138.348 *	76.643 *	70.370 *	311.074 *	41.277 *	28.546 *
7	84.702 *	140.577 *	68.857 *	54.148 *	143.284 *	151.057 *	124.100 *	119.505 *	65.179 *	373.324 *	35.620 *	28.546 *
8	72.681 *	116.734 *	57.827 *	95.546 *	151.123 *	128.811 *	245.877 *	128.811 *	63.043 *	348.060 *	23.044 *	29.963 *
9	54.148 *	84.702 *	44.041 *	106.449 *	173.539 *	127.883 *	168.495 *	148.109 *	62.343 *	398.091 *	41.918 *	40.669 *
10	61.355 *	65.179 *	50.776 *	138.572 *	158.089 *	117.700 *	299.806 *	144.284 *	326.841 *	354.971 *	33.808 *	28.546 *
11	52.718 *	77.425 *	54.148 *	518.138 *	160.094 *	114.910 *	427.400 *	128.811 *	158.089 *	254.746 *	40.642 *	54.148 *
12	54.148 *	132.571 *	47.248 *	353.974 *	630.483 *	211.133 *	406.886 *	121.319 *	195.059 *	114.915 *	38.725 *	52.718 *
13	60.608 *	93.026 *	40.669 *	297.068 *	1088.218 *	110.434 *	192.157 *	115.819 *	121.066 *	233.733 *	38.725 *	81.143 *
14	39.366 *	93.026 *	47.248 *	73.936 *	795.244 *	101.605 *	133.636 *	107.734 *	105.983 *	215.641 *	25.697 *	97.379 *
15	47.248 *	83.872 *	55.541 *	65.034 *	413.294 *	110.434 *	122.248 *	100.725 *	70.370 *	172.856 *	56.640 *	143.617 *
16	62.868 *	67.334 *	244.074 *	63.130 *	439.972 *	122.248 *	96.397 *	91.340 *	141.981 *	119.505 *	120.596 *	97.379 *
17	65.179 *	43.354 *	101.605 *	93.026 *	587.511 *	105.958 *	189.301 *	83.048 *	162.845 *	169.643 *	29.828 *	92.196 *
18	62.079 *	34.429 *	73.238 *	72.820 *	778.587 *	114.910 *	168.284 *	110.434 *	112.863 *	107.734 *	15.052 *	228.630 *
19	50.776 *	40.320 *	37.636 *	86.325 *	493.542 *	111.344 *	140.264 *	131.693 *	96.079 *	162.689 *	27.383 *	341.296 *
20	48.641 *	39.366 *	34.429 *	457.414 *	251.161 *	122.248 *	128.811 *	100.725 *	86.293 *	94.701 *	39.393 *	486.147 *
21	50.626 *	84.702 *	44.041 *	93.026 *	222.334 *	119.505 *	114.910 *	83.872 *	77.464 *	92.155 *	32.587 *	447.372 *
22	61.355 *	80.605 *	40.669 *	110.434 *	245.877 *	119.505 *	124.100 *	76.643 *	63.749 *	87.144 *	26.875 *	332.796 *
23	52.718 *	61.355 *	93.026 *	119.505 *	218.932 *	155.050 *	133.523 *	128.811 *	59.220 *	85.495 *	19.886 *	253.578 *
24	63.545 *	47.248 *	69.709 *	255.681 *	189.301 *	435.812 *	129.767 *	119.505 *	97.758 *	80.605 *	50.626 *	498.014 *
25	61.355 *	54.148 *	84.702 *	119.505 *	209.050 *	362.922 *	124.100 *	124.216 *	267.046 *	79.802 *	51.325 *	284.671 *
26	57.731 *	40.669 *	115.029 *	91.371 *	202.286 *	745.692 *	138.348 *	143.173 *	300.332 *	76.610 *	40.422 *	126.959 *
27	39.987 *	67.985 *	71.808 *	187.309 *	194.658 *	205.965 *	158.089 *	223.880 *	106.449 *	177.533 *	23.044 *	93.845 *
28	53.264 *	105.958 *	61.355 *	291.965 *	183.945 *	296.783 *	189.301 *	281.183 *	86.325 *	788.431 *	54.841 *	87.969 *
29	98.667 *		100.298 *	207.147 *	246.703 *	178.690 *	119.505 *	286.066 *	111.044 *	947.125 *	195.560 *	68.857 *
30	158.089 *		59.220 *	133.636 *	245.506 *	238.817 *	148.328 *	287.384 *	109.040 *	753.649 *	65.179 *	79.910 *
31	254.435 *		57.773 *		231.423 *		129.767 *	194.758 *		146.250 *		101.605 *
Caudal Max.	393.960 *	157.055 *	325.014 *	883.231 *	1164.962 *	760.920 *	883.231 *	299.696 *	490.548 *	1296.921 *	227.986 *	514.282 *
Día	31	7	16	11	13	26	3	30	10	28	29	24
Hora	17	7	7	17	7	7	17	17	7	17	7	17
Caudal Min.	37.462 *	31.395 *	31.395 *	37.462 *	97.252 *	72.681 *	95.541 *	72.681 *	50.619 *	72.681 *	14.591 *	22.465 *
Día	14	18	20	16	2	30	16	6	17	27	18	8
Hora	17	17	17	7	17	17	7	17	17	6	17	17
Caudal Medio	77.804	79.409	69.861	150.136	303.151	192.231	196.278	134.832	123.253	255.495	48.748	142.144

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

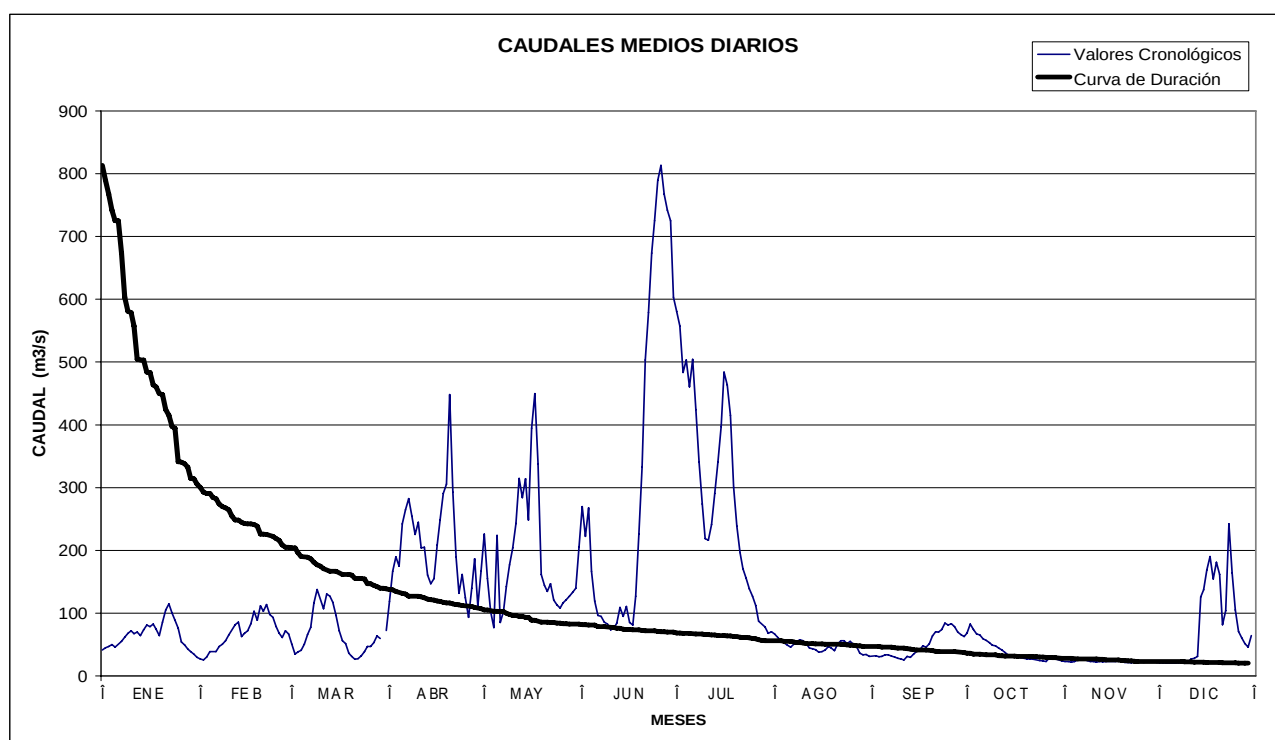


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H889	ZAMORA DJ SABANILLA(EN ZAMORA)											Area Drenaje:1390 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	41.508 *	27.322 *	66.822 *	72.713 *	167.106 *	205.259 *	603.572 *	70.759 *	31.526 *	63.167 *	24.327 *	21.836 *
2	45.212 *	25.797 *	50.545 *	118.965 *	226.040 *	270.002 *	580.890 *	66.803 *	31.862 *	68.751 *	23.192 *	21.022 *
3	46.924 *	30.227 *	34.687 *	166.779 *	155.049 *	222.250 *	557.169 *	61.060 *	32.575 *	83.091 *	22.912 *	21.285 *
4	50.023 *	39.190 *	38.421 *	189.726 *	102.930 *	267.578 *	483.877 *	56.582 *	30.868 *	74.082 *	22.090 *	20.759 *
5	46.498 *	39.143 *	41.116 *	174.954 *	77.114 *	167.203 *	503.393 *	52.763 *	31.526 *	66.803 *	23.192 *	20.759 *
6	50.469 *	38.822 *	50.545 *	242.600 *	223.797 *	119.596 *	460.250 *	49.127 *	33.947 *	65.525 *	25.505 *	20.759 *
7	55.604 *	47.365 *	66.170 *	264.792 *	85.399 *	96.459 *	504.652 *	46.489 *	33.956 *	59.538 *	28.578 *	20.500 *
8	62.147 *	50.469 *	77.558 *	282.858 *	102.722 *	95.217 *	424.422 *	50.469 *	31.862 *	57.063 *	27.322 *	21.022 *
9	68.094 *	56.572 *	116.693 *	254.757 *	142.473 *	85.976 *	340.585 *	55.614 *	30.191 *	53.249 *	24.619 *	21.285 *
10	72.037 *	65.222 *	137.909 *	225.738 *	177.088 *	83.091 *	273.955 *	57.581 *	27.937 *	49.117 *	23.471 *	21.819 *
11	67.455 *	73.376 *	122.676 *	244.855 *	203.984 *	73.468 *	218.840 *	56.572 *	27.009 *	47.795 *	22.912 *	22.637 *
12	70.059 *	81.685 *	107.556 *	203.966 *	242.672 *	76.085 *	216.427 *	51.380 *	25.792 *	44.796 *	22.362 *	27.009 *
13	64.439 *	85.995 *	130.655 *	205.151 *	314.823 *	84.528 *	241.210 *	44.796 *	31.213 *	41.508 *	23.192 *	27.937 *
14	73.376 *	63.167 *	127.064 *	160.775 *	284.254 *	109.188 *	291.107 *	43.577 *	29.869 *	37.232 *	22.637 *	31.276 *
15	80.991 *	68.094 *	117.527 *	147.250 *	313.957 *	94.974 *	341.378 *	41.919 *	34.660 *	33.597 *	22.912 *	126.152 *
16	78.854 *	72.037 *	96.550 *	155.445 *	248.555 *	110.959 *	397.428 *	37.987 *	39.539 *	31.862 *	23.471 *	137.306 *
17	83.091 *	83.109 *	72.251 *	208.664 *	394.834 *	85.246 *	483.949 *	38.822 *	41.508 *	31.862 *	23.192 *	168.914 *
18	74.746 *	103.508 *	56.582 *	248.555 *	449.679 *	80.954 *	463.635 *	41.508 *	48.261 *	30.850 *	23.476 *	190.380 *
19	64.439 *	88.959 *	51.846 *	290.770 *	337.895 *	127.064 *	415.368 *	46.924 *	46.078 *	29.210 *	23.755 *	154.718 *
20	85.976 *	111.817 *	36.123 *	305.630 *	161.906 *	226.040 *	300.637 *	44.370 *	51.396 *	27.937 *	22.912 *	181.199 *
21	105.109 *	103.545 *	31.213 *	448.115 *	144.347 *	332.762 *	239.081 *	40.308 *	64.064 *	27.314 *	21.823 *	161.977 *
22	114.983 *	114.155 *	26.708 *	292.828 *	135.116 *	503.393 *	196.564 *	50.980 *	70.711 *	27.009 *	21.289 *	81.885 *
23	100.355 *	98.005 *	27.628 *	189.127 *	147.252 *	578.907 *	170.866 *	56.168 *	70.047 *	26.699 *	21.022 *	103.999 *
24	88.911 *	93.616 *	32.244 *	131.774 *	120.948 *	673.913 *	155.865 *	56.572 *	74.046 *	25.792 *	22.090 *	242.384 *
25	76.305 *	78.854 *	39.143 *	161.906 *	113.309 *	725.350 *	138.761 *	51.846 *	84.576 *	24.907 *	22.912 *	164.374 *
26	54.191 *	68.775 *	47.385 *	124.490 *	108.348 *	789.349 *	127.064 *	55.128 *	80.991 *	24.039 *	23.192 *	104.917 *
27	49.568 *	61.060 *	46.924 *	93.312 *	116.669 *	813.527 *	112.469 *	50.469 *	83.109 *	23.192 *	21.552 *	70.885 *
28	43.132 *	72.086 *	53.275 *	139.935 *	121.788 *	767.667 *	87.456 *	46.924 *	78.873 *	27.937 *	22.637 *	60.976 *
29	39.162 *		63.926 *	186.648 *	127.028 *	742.084 *	83.091 *	36.486 *	70.047 *	29.210 *	22.090 *	51.813 *
30	35.023 *		60.061 *	111.415 *	133.284 *	725.350 *	78.167 *	33.597 *	66.158 *	27.314 *	22.912 *	46.377 *
31	29.869 *				139.680 *		68.112 *	34.301 *		25.505 *		64.693 *
Caudal Max.	117.503 *	120.923 *		494.171 *	494.171 *	831.226 *	630.286 *	74.721 *	88.904 *	84.522 *	29.533 *	347.810 *
Día	22	20		21	18	27	1	1	25	3	7	24
Hora	7	7		7	18	7	7	7	18	7	18	14
Caudal Min.	28.887 *	25.199 *		70.704 *	66.797 *	68.087 *	65.519 *	32.893 *	25.792 *	22.912 *	20.759 *	20.241 *
Día	31	2		1	5	11	31	30	12	27	22	7
Hora	18	7		18	7	18	18	18	7	7	7	18
Caudal Medio	65.114	69.356	67.593	201.483	187.743	311.115	308.395	49.286	47.807	41.482	23.252	78.479

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



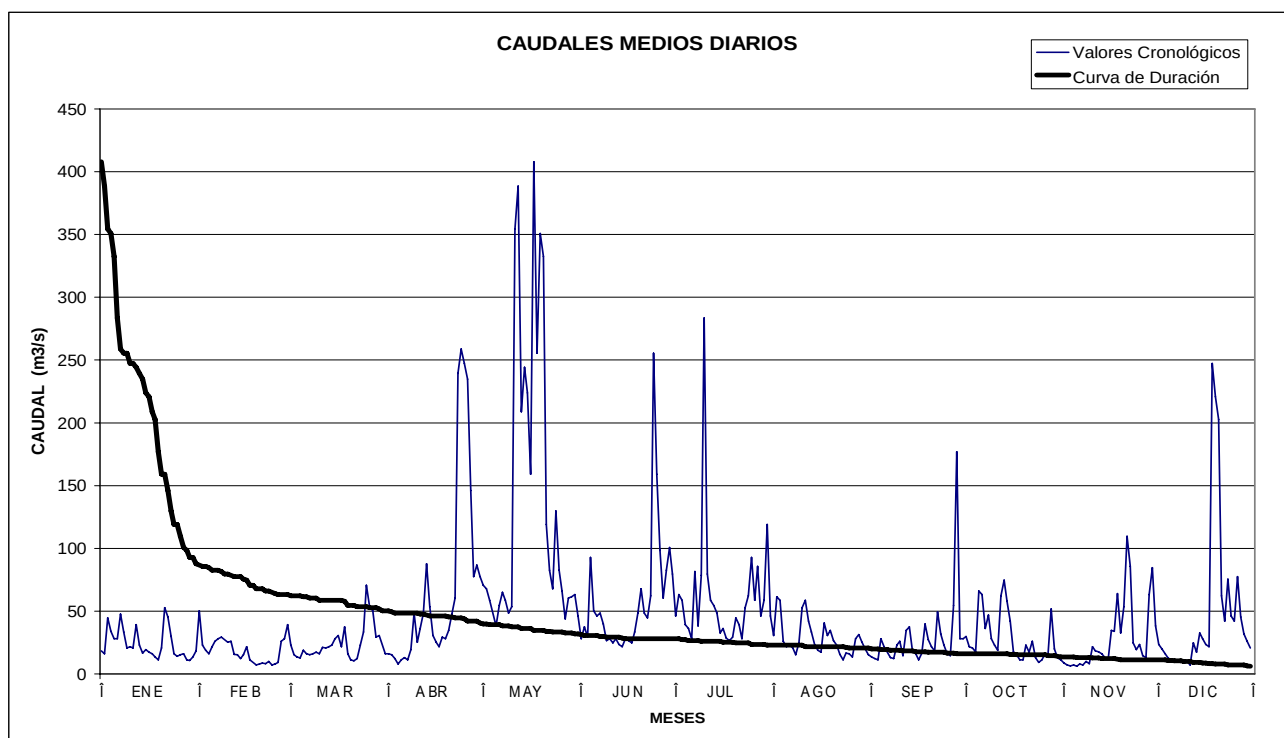
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H894	PAUTE EN PAUTE(DJ GUALACEO)											Area Drenaje:3680 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	18.383 *	50.263 *	39.210 *	16.244 *	77.620 *	46.186 *	79.615 *	46.186 *	15.216 *	27.995 *	11.385 *	38.464 *
2	16.244 *	22.982 *	22.982 *	16.244 *	70.804 *	27.995 *	46.186 *	30.652 *	13.726 *	29.979 *	8.818 *	23.586 *
3	44.595 *	18.935 *	15.216 *	15.216 *	67.962 *	37.723 *	63.333 *	61.519 *	12.300 *	21.793 *	7.259 *	20.058 *
4	34.112 *	16.244 *	13.726 *	12.300 *	58.839 *	29.311 *	58.839 *	58.839 *	11.385 *	20.630 *	6.527 *	16.244 *
5	27.995 *	21.793 *	12.768 *	8.023 *	48.615 *	93.084 *	39.210 *	26.067 *	27.995 *	17.838 *	7.259 *	12.768 *
6	27.995 *	26.067 *	18.935 *	11.385 *	38.464 *	50.263 *	36.261 *	21.793 *	21.793 *	66.094 *	6.174 *	11.385 *
7	47.800 *	27.995 *	16.244 *	13.243 *	54.481 *	46.186 *	27.995 *	22.982 *	17.300 *	63.333 *	8.023 *	10.499 *
8	33.408 *	29.311 *	15.216 *	11.385 *	65.168 *	48.615 *	81.631 *	20.630 *	13.243 *	36.261 *	7.259 *	11.385 *
9	20.630 *	27.346 *	16.244 *	19.493 *	58.839 *	39.961 *	38.464 *	15.216 *	12.300 *	46.990 *	10.068 *	10.938 *
10	21.793 *	25.437 *	17.300 *	48.615 *	48.615 *	26.703 *	78.615 *	24.814 *	22.982 *	27.995 *	8.417 *	10.499 *
11	20.630 *	26.067 *	16.244 *	25.437 *	53.627 *	27.995 *	283.573 *	52.777 *	26.067 *	22.982 *	21.793 *	10.068 *
12	39.210 *	15.727 *	21.208 *	36.261 *	354.511 *	24.814 *	79.615 *	58.839 *	14.712 *	18.935 *	18.383 *	7.259 *
13	22.982 *	15.216 *	20.630 *	48.615 *	388.533 *	27.995 *	58.839 *	42.252 *	34.823 *	62.423 *	17.838 *	24.814 *
14	16.769 *	12.300 *	21.793 *	87.801 *	208.742 *	23.586 *	54.481 *	33.408 *	37.723 *	74.668 *	16.244 *	17.300 *
15	19.493 *	15.216 *	22.982 *	53.627 *	244.184 *	21.793 *	48.615 *	23.586 *	17.838 *	57.956 *	13.243 *	32.710 *
16	17.300 *	21.793 *	27.995 *	30.652 *	223.870 *	27.995 *	32.710 *	18.935 *	16.244 *	42.252 *	11.839 *	27.995 *
17	16.244 *	11.385 *	30.652 *	25.437 *	159.284 *	26.703 *	36.261 *	17.300 *	11.385 *	17.838 *	34.823 *	23.586 *
18	13.726 *	9.227 *	21.793 *	21.793 *	407.986 *	24.814 *	28.650 *	40.719 *	16.769 *	15.216 *	34.112 *	21.793 *
19	11.385 *	7.259 *	37.723 *	29.311 *	255.421 *	33.408 *	26.703 *	30.652 *	39.961 *	11.385 *	64.248 *	247.373 *
20	20.630 *	8.023 *	16.244 *	27.995 *	350.810 *	48.615 *	29.311 *	34.823 *	27.346 *	11.385 *	32.710 *	220.809 *
21	52.777 *	8.818 *	11.385 *	34.823 *	332.547 *	67.962 *	44.595 *	26.703 *	21.793 *	22.982 *	53.627 *	202.813 *
22	45.388 *	8.417 *	10.499 *	47.800 *	118.993 *	48.615 *	39.210 *	22.982 *	18.383 *	17.300 *	109.685 *	62.423 *
23	29.979 *	10.068 *	12.300 *	60.620 *	82.646 *	44.595 *	27.995 *	15.727 *	49.437 *	26.067 *	85.724 *	42.252 *
24	16.244 *	7.259 *	22.982 *	239.432 *	67.962 *	62.423 *	52.777 *	11.385 *	32.018 *	13.243 *	24.814 *	75.647 *
25	14.216 *	8.023 *	33.408 *	258.670 *	129.835 *	255.421 *	62.423 *	16.769 *	22.982 *	9.227 *	19.493 *	46.186 *
26	15.216 *	9.227 *	70.804 *	247.373 *	82.646 *	159.284 *	93.084 *	16.244 *	16.244 *	11.385 *	23.586 *	42.252 *
27	16.244 *	26.067 *	53.627 *	234.718 *	66.094 *	98.493 *	58.839 *	13.726 *	14.712 *	16.244 *	14.712 *	77.620 *
28	11.385 *	27.995 *	50.263 *	146.176 *	43.809 *	60.620 *	85.724 *	27.995 *	54.481 *	15.216 *	13.243 *	45.388 *
29	10.938 *		29.311 *	77.620 *	60.620 *	82.646 *	46.186 *	31.332 *	177.011 *	51.934 *	63.333 *	32.018 *
30	13.726 *		30.652 *	86.760 *	61.519 *	100.691 *	58.839 *	25.437 *	27.995 *	20.058 *	84.693 *	26.067 *
31	18.383 *		22.982 *		63.333 *		118.993 *	20.058 *		12.768 *		20.630 *
Caudal Max.	52.777 *	50.263 *	70.804 *	258.670 *	407.986 *	255.421 *	283.573 *	61.519 *	177.011 *	74.667 *	109.685 *	247.373 *
Día	21	1	26	25	18	25	11	3	29	14	22	19
Hora	17	17	17	17	17	17	17	17	15	13	17	17
Caudal Mín.	10.938 *	7.259 *	10.499 *	8.023 *	38.463 *	21.792 *	26.703 *	11.385 *	11.385 *	9.227 *	6.174 *	7.259 *
Día	29	vv	22	5	6	15	19	24	vv	25	6	17
Hora	16		15	17	17	18	17	15		16	17	17
Caudal Medio	23.736	18.374	24.946	66.436	140.206	57.150	61.857	29.366	28.205	29.367	27.978	47.511

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

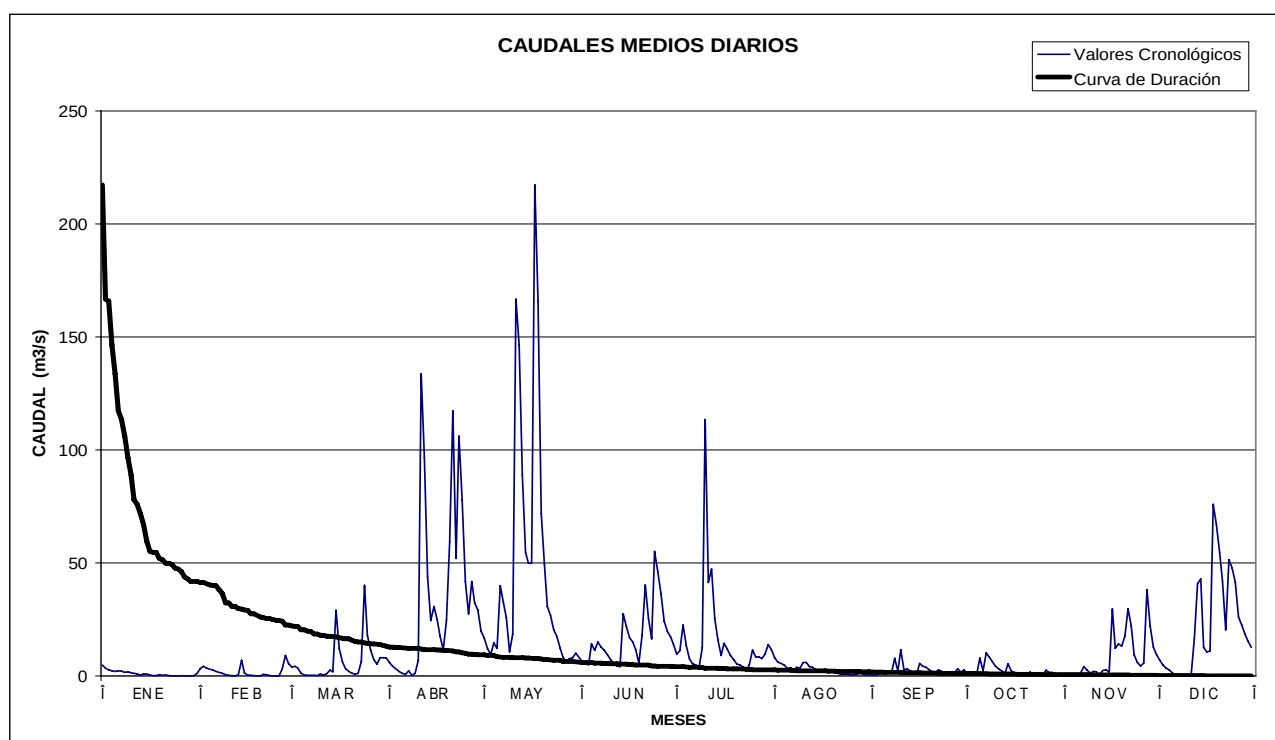


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H895	TOMBAMBA EN MONAY											Area Drenaje:1260 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	4.799 *	3.287 *	5.438 *	7.963 *	19.844 *	8.329 *	13.994 *	11.669 *	0.617 *	2.823 *	0.221 *	9.380 *
2	3.539 *	4.354 *	4.072 *	5.940 *	16.752 *	6.435 *	9.606 *	8.134 *	0.389 *	1.234 *	0.079 *	6.982 *
3	2.705 *	3.539 *	4.354 *	4.364 *	12.180 *	5.259 *	11.204 *	6.256 *	0.472 *	0.775 *	0.133 *	4.799 *
4	2.379 *	3.046 *	3.539 *	3.169 *	9.590 *	4.957 *	22.621 *	5.581 *	0.837 *	1.234 *	0.083 *	3.539 *
5	1.983 *	2.591 *	1.186 *	2.096 *	14.680 *	14.225 *	13.467 *	4.799 *	1.158 *	0.722 *	0.064 *	2.823 *
6	2.280 *	1.983 *	0.564 *	1.158 *	12.180 *	11.421 *	7.540 *	3.287 *	0.894 *	8.007 *	0.233 *	1.469 *
7	2.176 *	1.545 *	0.314 *	0.775 *	40.004 *	15.038 *	5.423 *	3.672 *	1.305 *	2.320 *	1.499 *	0.722 *
8	1.625 *	1.158 *	0.354 *	2.294 *	32.421 *	12.907 *	4.947 *	2.591 *	1.314 *	10.287 *	4.231 *	0.948 *
9	1.799 *	0.722 *	0.314 *	0.314 *	25.802 *	11.421 *	3.939 *	3.811 *	7.886 *	8.329 *	2.601 *	0.481 *
10	1.460 *	0.389 *	0.190 *	1.202 *	10.711 *	9.380 *	12.530 *	3.435 *	2.154 *	6.450 *	1.385 *	0.472 *
11	1.158 *	0.248 *	0.960 *	6.982 *	18.608 *	7.161 *	113.445 *	5.913 *	11.722 *	4.364 *	2.060 *	0.283 *
12	0.894 *	0.121 *	0.564 *	133.729 *	166.732 *	5.750 *	41.385 *	5.924 *	2.705 *	3.169 *	1.827 *	0.555 *
13	0.564 *	0.665 *	1.092 *	96.702 *	146.477 *	4.502 *	47.297 *	4.216 *	3.169 *	2.186 *	0.722 *	16.427 *
14	0.894 *	6.982 *	2.591 *	43.822 *	88.842 *	4.231 *	25.410 *	3.939 *	2.280 *	1.385 *	2.437 *	40.889 *
15	0.960 *	1.360 *	1.827 *	24.551 *	54.687 *	27.590 *	15.911 *	3.046 *	1.460 *	5.423 *	2.705 *	42.993 *
16	0.398 *	0.521 *	29.120 *	30.746 *	49.804 *	21.822 *	9.202 *	2.379 *	1.092 *	2.280 *	1.714 *	12.659 *
17	0.140 *	0.314 *	12.163 *	24.968 *	49.863 *	16.944 *	14.489 *	2.280 *	5.612 *	1.469 *	29.634 *	10.711 *
18	0.179 *	0.140 *	6.266 *	17.674 *	217.313 *	15.038 *	11.906 *	2.814 *	4.256 *	0.722 *	12.180 *	11.094 *
19	0.722 *	0.064 *	3.208 *	11.669 *	165.815 *	11.722 *	9.159 *	2.379 *	3.939 *	0.433 *	14.247 *	75.950 *
20	0.389 *	0.121 *	1.983 *	24.734 *	71.896 *	5.750 *	7.356 *	2.280 *	2.705 *	0.190 *	13.192 *	66.910 *
21	0.433 *	0.789 *	1.385 *	59.498 *	49.361 *	18.031 *	5.269 *	1.625 *	1.893 *	0.722 *	17.609 *	54.658 *
22	0.248 *	0.674 *	0.775 *	117.402 *	30.746 *	40.299 *	4.799 *	1.234 *	1.714 *	1.728 *	29.803 *	41.886 *
23	0.098 *	0.148 *	1.251 *	52.033 *	26.813 *	25.371 *	4.132 *	0.775 *	2.705 *	0.674 *	22.073 *	20.492 *
24	0.049 *	0.083 *	6.435 *	106.150 *	20.475 *	16.488 *	1.983 *	0.832 *	1.983 *	0.314 *	9.380 *	51.473 *
25	0.098 *	0.053 *	40.168 *	77.968 *	17.389 *	55.224 *	5.121 *	0.837 *	1.460 *	0.140 *	5.924 *	47.764 *
26	0.190 *	0.121 *	18.081 *	41.805 *	12.417 *	46.212 *	11.437 *	0.722 *	1.021 *	0.719 *	4.502 *	41.437 *
27	0.098 *	3.193 *	11.437 *	27.590 *	8.344 *	36.566 *	8.407 *	0.722 *	0.617 *	2.601 *	5.796 *	26.064 *
28	0.019 *	9.165 *	7.356 *	41.840 *	6.435 *	24.270 *	8.528 *	0.775 *	1.582 *	1.634 *	38.213 *	22.487 *
29	0.064 *		5.259 *	32.421 *	7.740 *	19.827 *	7.729 *	1.158 *	3.208 *	1.554 *	22.174 *	18.564 *
30	0.190 *		8.186 *	29.214 *	8.134 *	17.345 *	9.606 *	0.832 *	1.728 *	0.960 *	12.907 *	15.324 *
31	1.113 *		8.134 *		10.032 *		13.951 *	0.665 *		0.433 *		12.659 *
Caudal Max.	5.101 *	11.900 *	55.743 *	260.671 *	228.815 *	57.996 *	123.202 *	12.395 *	13.418 *	13.418 *	46.188 *	83.171 *
Día	1	28	25	12	18	25	11	1	11	8	22	19
Hora	7	7	7	18	7	7	7	7	7	18	18	18
Caudal Min.	0.011 *	0.027 *	0.163 *	0.279 *	6.082 *	3.667 *	1.888 *	0.613 *	0.349 *	0.117 *	0.049 *	0.217 *
Día	28	25	10	9	28	14	24	27	2	28	4	11
Hora	17	17	17	18	18	7	17	17	17	18	18	18
Caudal Medio	1.085	1.692	6.083	34.359	45.874	17.317	15.542	3.180	2.463	2.428	8.654	21.384

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



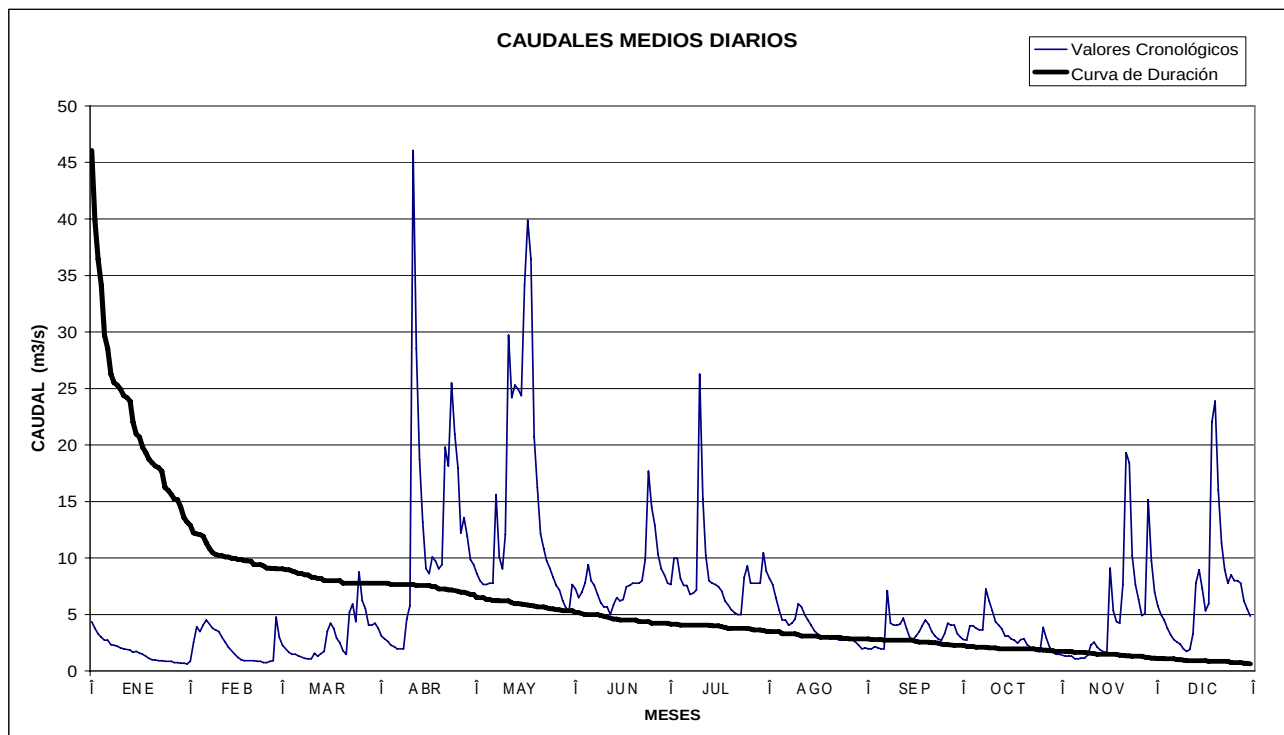
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H896	MATADERO EN SAYAUSI											Area Drenaje:312 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	4.371 *	0.867 *	2.975 *	3.781 *	9.406 *	7.674 *	7.777 *	8.843 *	2.057 *	2.975 *	1.483 *	6.997 *
2	3.781 *	2.499 *	2.270 *	3.100 *	8.630 *	7.279 *	7.674 *	8.195 *	1.954 *	2.789 *	1.398 *	5.767 *
3	3.299 *	3.925 *	1.954 *	2.849 *	7.986 *	6.499 *	9.992 *	7.674 *	1.954 *	2.728 *	1.313 *	5.000 *
4	2.975 *	3.497 *	1.663 *	2.611 *	7.674 *	6.997 *	9.993 *	6.499 *	2.162 *	3.995 *	1.355 *	4.520 *
5	2.728 *	4.065 *	1.483 *	2.270 *	7.674 *	7.777 *	8.195 *	5.428 *	2.057 *	3.995 *	1.313 *	3.781 *
6	2.728 *	4.520 *	1.483 *	2.162 *	7.777 *	9.406 *	7.572 *	4.520 *	1.954 *	3.776 *	1.078 *	3.230 *
7	2.325 *	4.140 *	1.355 *	1.954 *	7.777 *	7.986 *	7.572 *	4.520 *	1.954 *	3.637 *	1.078 *	2.789 *
8	2.270 *	3.776 *	1.233 *	1.954 *	15.629 *	7.572 *	6.781 *	4.065 *	7.132 *	3.635 *	1.154 *	2.554 *
9	2.216 *	3.635 *	1.116 *	1.954 *	10.101 *	6.781 *	6.878 *	4.214 *	4.214 *	7.279 *	1.154 *	2.380 *
10	2.058 *	3.497 *	1.078 *	4.607 *	9.065 *	6.037 *	7.171 *	4.607 *	4.065 *	6.217 *	1.409 *	1.954 *
11	1.954 *	2.975 *	1.078 *	5.776 *	12.086 *	5.679 *	26.281 *	5.948 *	4.065 *	5.340 *	2.304 *	1.758 *
12	1.905 *	2.560 *	1.573 *	46.059 *	29.710 *	5.679 *	15.227 *	5.679 *	4.140 *	4.367 *	2.560 *	1.905 *
13	1.855 *	2.112 *	1.313 *	28.527 *	24.187 *	5.000 *	10.252 *	5.000 *	4.679 *	4.067 *	2.112 *	3.313 *
14	1.663 *	1.809 *	1.535 *	18.721 *	25.305 *	5.891 *	7.986 *	4.520 *	3.781 *	3.708 *	1.856 *	7.777 *
15	1.758 *	1.488 *	1.758 *	13.196 *	24.928 *	6.499 *	7.777 *	4.065 *	2.975 *	3.100 *	1.711 *	8.955 *
16	1.620 *	1.196 *	3.532 *	9.078 *	24.370 *	6.217 *	7.674 *	3.566 *	2.789 *	3.100 *	1.663 *	7.279 *
17	1.483 *	1.006 *	4.214 *	8.625 *	34.121 *	6.318 *	7.471 *	3.299 *	3.100 *	2.849 *	9.116 *	5.340 *
18	1.313 *	0.935 *	3.781 *	10.101 *	39.897 *	7.471 *	7.076 *	3.100 *	3.497 *	2.728 *	5.340 *	5.948 *
19	1.116 *	0.935 *	2.914 *	9.747 *	36.445 *	7.572 *	6.217 *	2.975 *	3.995 *	2.493 *	4.367 *	22.017 *
20	1.005 *	0.935 *	2.499 *	9.065 *	20.704 *	7.777 *	5.856 *	2.975 *	4.520 *	2.789 *	4.214 *	23.895 *
21	0.970 *	0.935 *	1.809 *	9.406 *	16.245 *	7.777 *	5.422 *	2.849 *	4.140 *	2.849 *	7.674 *	15.999 *
22	0.935 *	0.867 *	1.488 *	19.809 *	12.137 *	7.777 *	5.166 *	2.849 *	3.497 *	2.325 *	19.338 *	11.331 *
23	0.935 *	0.867 *	5.189 *	18.146 *	10.836 *	7.990 *	5.000 *	2.849 *	3.100 *	2.112 *	18.411 *	8.954 *
24	0.867 *	0.739 *	5.921 *	25.514 *	9.760 *	9.881 *	5.000 *	2.728 *	2.849 *	1.954 *	10.217 *	7.777 *
25	0.867 *	0.739 *	4.367 *	20.967 *	9.087 *	17.672 *	8.276 *	2.728 *	2.728 *	1.758 *	7.674 *	8.519 *
26	0.867 *	0.867 *	8.762 *	17.987 *	8.318 *	14.525 *	9.295 *	2.728 *	3.299 *	1.711 *	6.318 *	7.986 *
27	0.739 *	0.935 *	6.230 *	12.206 *	7.572 *	12.895 *	7.777 *	2.728 *	4.214 *	3.856 *	4.919 *	7.986 *
28	0.739 *	4.760 *	5.506 *	13.579 *	7.177 *	10.338 *	7.777 *	2.728 *	4.065 *	2.914 *	5.083 *	7.777 *
29	0.680 *		4.065 *	11.949 *	6.230 *	9.065 *	7.777 *	2.554 *	4.065 *	2.112 *	15.178 *	6.223 *
30	0.680 *		4.065 *	9.864 *	5.609 *	8.519 *	7.777 *	2.270 *	3.299 *	1.663 *	9.760 *	5.505 *
31	0.622 *		4.214 *		5.340 *		10.468 *	1.954 *		1.483 *		4.850 *
Caudal Max.	4.677 *	5.000 *	9.747 *	84.341 *	47.962 *	17.987 *	27.634 *	8.843 *	12.206 *	7.777 *	27.238 *	28.837 *
Día	1	28	26	12	19	25	11	1	8	9	22	20
Hora	7	7	7	18	7	7	6	7	17	7	18	7
Caudal Min.	0.622 *	0.739 *	1.078 *	1.954 *	5.000 *	5.000 *	5.000 *	1.954 *	1.954 *	1.483 *	1.078 *	1.758 *
Día	31	vv	vv	vv	31	13	vv	31	vv	31	vv	11
Hora	18				18	7		18		18		
Caudal Medio	1.720	2.181	2.981	11.519	14.896	8.152	8.424	4.150	3.410	3.236	5.085	7.099

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



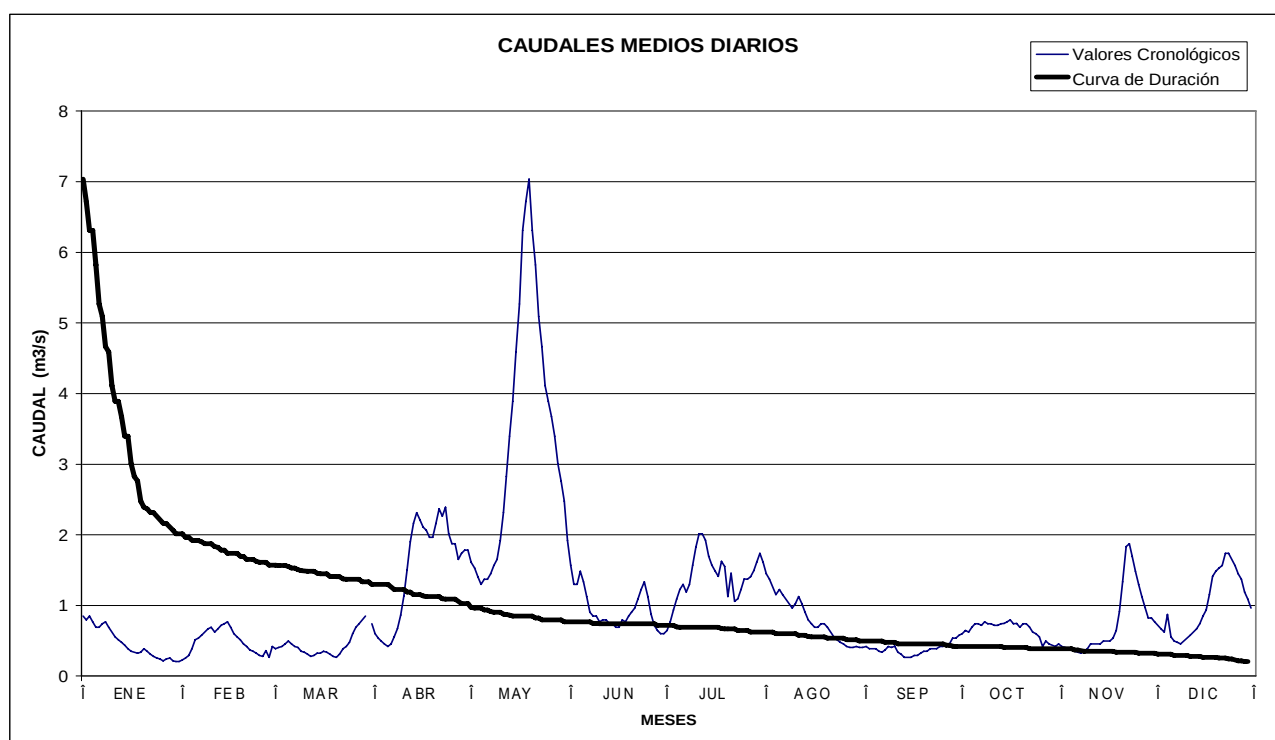
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H897	SURUCUCHO AJ LLULLUCCHAS											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.849 *	0.229 *	0.420 *	0.743 *	1.782 *	1.920 *	0.600 *	1.609 *	0.403 *	0.578 *	0.457 *	0.768 *
2	0.795 *	0.254 *	0.386 *	0.600 *	1.609 *	1.569 *	0.645 *	1.447 *	0.420 *	0.600 *	0.420 *	0.717 *
3	0.849 *	0.294 *	0.403 *	0.535 *	1.527 *	1.297 *	0.769 *	1.371 *	0.386 *	0.645 *	0.403 *	0.668 *
4	0.768 *	0.387 *	0.420 *	0.495 *	1.408 *	1.297 *	0.936 *	1.260 *	0.386 *	0.622 *	0.386 *	0.622 *
5	0.693 *	0.515 *	0.457 *	0.457 *	1.297 *	1.486 *	1.090 *	1.156 *	0.386 *	0.693 *	0.386 *	0.872 *
6	0.693 *	0.535 *	0.495 *	0.420 *	1.371 *	1.334 *	1.225 *	1.225 *	0.353 *	0.743 *	0.353 *	0.556 *
7	0.743 *	0.578 *	0.457 *	0.458 *	1.371 *	1.124 *	1.297 *	1.156 *	0.338 *	0.743 *	0.338 *	0.495 *
8	0.768 *	0.622 *	0.420 *	0.558 *	1.447 *	0.906 *	1.190 *	1.090 *	0.371 *	0.717 *	0.323 *	0.476 *
9	0.693 *	0.668 *	0.403 *	0.673 *	1.567 *	0.849 *	1.297 *	1.026 *	0.420 *	0.768 *	0.354 *	0.457 *
10	0.622 *	0.693 *	0.353 *	0.863 *	1.651 *	0.849 *	1.569 *	0.965 *	0.403 *	0.743 *	0.386 *	0.495 *
11	0.556 *	0.622 *	0.338 *	1.134 *	1.920 *	0.769 *	1.826 *	1.026 *	0.424 *	0.743 *	0.457 *	0.535 *
12	0.515 *	0.668 *	0.308 *	1.508 *	2.318 *	0.795 *	2.015 *	1.124 *	0.338 *	0.718 *	0.457 *	0.578 *
13	0.476 *	0.717 *	0.280 *	1.901 *	2.826 *	0.795 *	2.013 *	1.026 *	0.308 *	0.717 *	0.457 *	0.622 *
14	0.438 *	0.743 *	0.294 *	2.165 *	3.396 *	0.743 *	1.924 *	0.906 *	0.266 *	0.743 *	0.457 *	0.668 *
15	0.386 *	0.768 *	0.323 *	2.316 *	3.891 *	0.743 *	1.697 *	0.795 *	0.266 *	0.745 *	0.495 *	0.743 *
16	0.353 *	0.693 *	0.323 *	2.212 *	4.587 *	0.693 *	1.569 *	0.743 *	0.266 *	0.768 *	0.495 *	0.849 *
17	0.338 *	0.600 *	0.353 *	2.111 *	5.270 *	0.693 *	1.488 *	0.693 *	0.294 *	0.795 *	0.495 *	0.936 *
18	0.323 *	0.556 *	0.338 *	2.062 *	6.310 *	0.795 *	1.410 *	0.693 *	0.294 *	0.743 *	0.535 *	1.156 *
19	0.338 *	0.515 *	0.308 *	1.966 *	6.719 *	0.768 *	1.626 *	0.743 *	0.323 *	0.745 *	0.645 *	1.410 *
20	0.386 *	0.457 *	0.280 *	1.966 *	7.036 *	0.849 *	1.554 *	0.743 *	0.353 *	0.693 *	0.913 *	1.486 *
21	0.353 *	0.420 *	0.266 *	2.162 *	6.310 *	0.906 *	1.124 *	0.693 *	0.353 *	0.743 *	1.334 *	1.527 *
22	0.308 *	0.370 *	0.308 *	2.370 *	5.823 *	0.965 *	1.457 *	0.622 *	0.386 *	0.743 *	1.832 *	1.567 *
23	0.280 *	0.353 *	0.387 *	2.264 *	5.094 *	1.090 *	1.057 *	0.556 *	0.386 *	0.695 *	1.872 *	1.737 *
24	0.254 *	0.323 *	0.421 *	2.388 *	4.668 *	1.225 *	1.092 *	0.515 *	0.386 *	0.622 *	1.694 *	1.737 *
25	0.241 *	0.294 *	0.476 *	2.013 *	4.113 *	1.334 *	1.228 *	0.476 *	0.420 *	0.600 *	1.486 *	1.651 *
26	0.217 *	0.280 *	0.600 *	1.872 *	3.888 *	1.124 *	1.373 *	0.457 *	0.420 *	0.556 *	1.297 *	1.567 *
27	0.241 *	0.361 *	0.693 *	1.872 *	3.671 *	0.878 *	1.371 *	0.420 *	0.457 *	0.421 *	1.123 *	1.447 *
28	0.254 *	0.266 *	0.743 *	1.652 *	3.396 *	0.718 *	1.408 *	0.403 *	0.457 *	0.496 *	0.972 *	1.371 *
29	0.217 *		0.795 *	1.737 *	3.007 *	0.645 *	1.492 *	0.403 *	0.535 *	0.457 *	0.821 *	1.190 *
30	0.206 *		0.849 *	1.782 *	2.765 *	0.600 *	1.612 *	0.420 *	0.535 *	0.438 *	0.821 *	1.090 *
31	0.206 *				2.478 *		1.737 *	0.403 *		0.420 *		0.965 *
Caudal Max.	0.877 *	0.768 *		2.763 *	7.036 *	2.013 *	2.111 *	1.651 *	0.535 *	0.821 *	2.013 *	1.737 *
Día	1	15		24	20	1	14	1	vv	15	22	vv
Hora	6	6		6	6	6	6	6		6	18	
Caudal Min.	0.194 *	0.154 *		0.420 *	1.260 *	0.578 *	0.578 *	0.386 *	0.266 *	0.386 *	0.323 *	0.457 *
Día	31	1		6	5	30	1	28	vv	27	9	8
Hora	6	6		18	18	18	18	18		6	6	18
Caudal Medio	0.463	0.492	0.430	1.508	3.371	0.992	1.377	0.844	0.378	0.660	0.749	0.999

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

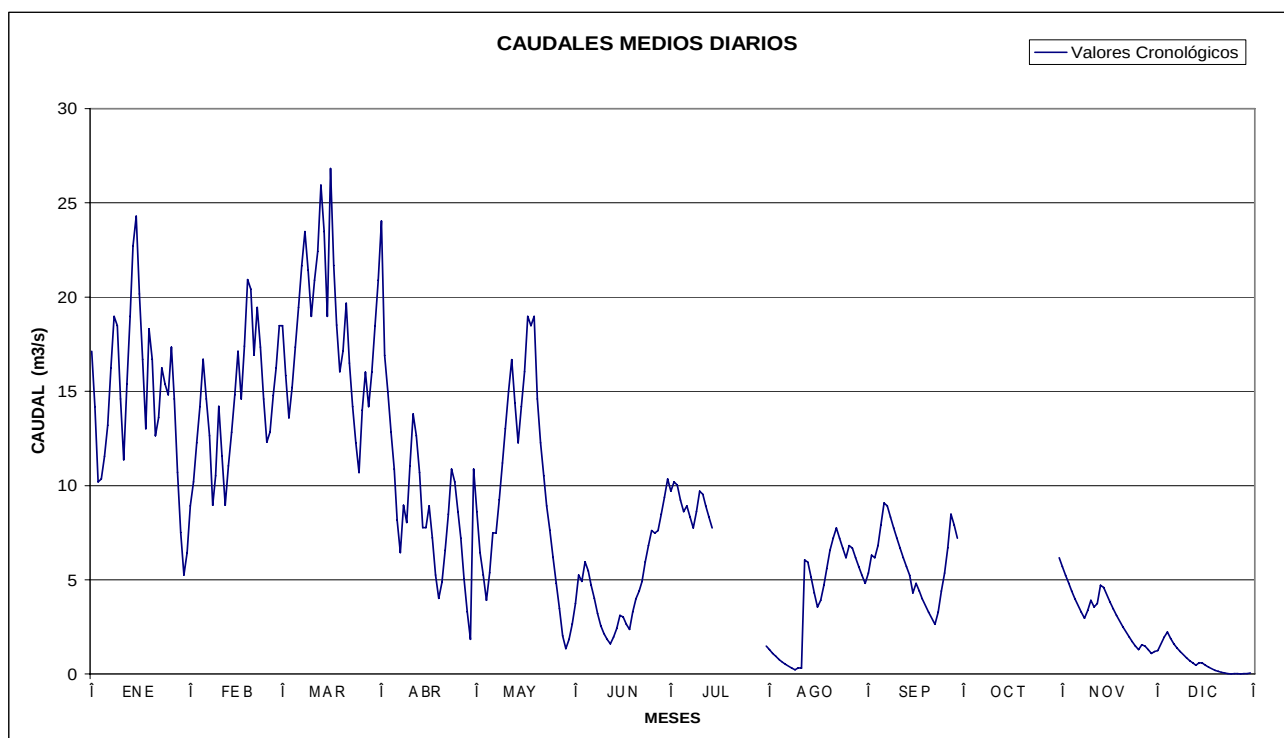


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H899	SAN FRANCISCO EN GUALACEO										Area Drenaje:92 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	17.125 *	8.927 *	18.488 *	20.896 *	10.871 *	2.653 *	10.351 *	1.496 *	4.810 *		6.180 *	1.195 *
2	14.179 *	10.203 *	18.488 *	24.030 *	8.626 *	3.736 *	9.701 *	1.291 *	5.358 *		5.701 *	1.244 *
3	10.203 *	12.271 *	15.836 *	16.910 *	6.445 *	5.261 *	10.190 *	1.103 *	6.305 *		5.244 *	1.610 *
4	10.351 *	14.179 *	13.595 *	14.988 *	5.261 *	4.918 *	10.023 *	0.932 *	6.180 *		4.810 *	1.961 *
5	11.552 *	16.698 *	15.200 *	12.832 *	3.921 *	5.943 *	9.227 *	0.778 *	6.813 *		4.397 *	2.222 *
6	13.201 *	14.593 *	17.354 *	10.871 *	5.381 *	5.475 *	8.620 *	0.639 *	7.897 *		4.006 *	1.901 *
7	16.251 *	12.652 *	19.445 *	8.183 *	7.495 *	4.707 *	8.921 *	0.516 *	9.076 *		3.636 *	1.606 *
8	18.970 *	8.957 *	21.659 *	6.445 *	7.483 *	4.011 *	8.325 *	0.409 *	8.921 *		3.286 *	1.391 *
9	18.488 *	10.521 *	23.478 *	8.957 *	9.246 *	3.212 *	7.754 *	0.315 *	8.325 *		2.957 *	1.195 *
10	14.593 *	14.212 *	21.413 *	8.043 *	11.202 *	2.576 *	8.626 *	0.236 *	7.754 *		3.374 *	1.015 *
11	11.373 *	11.552 *	18.970 *	11.051 *	13.015 *	2.157 *	9.701 *	0.339 *	7.206 *		3.913 *	0.853 *
12	15.402 *	8.957 *	20.896 *	13.798 *	14.988 *	1.838 *	9.540 *	0.315 *	6.681 *		3.548 *	0.706 *
13	18.970 *	11.051 *	22.424 *	12.652 *	16.685 *	1.606 *	8.921 *	0.606 *	6.180 *		3.736 *	0.576 *
14	22.709 *	12.832 *	25.949 *	10.695 *	14.385 *	1.966 *	8.325 *	5.938 *	5.701 *		4.707 *	0.461 *
15	24.293 *	14.806 *	23.478 *	7.772 *	12.271 *	2.431 *	7.754 *	5.136 *	5.244 *		4.601 *	0.609 *
16	20.162 *	17.125 *	18.970 *	7.772 *	14.179 *	3.124 *		4.299 *	4.299 *		4.199 *	0.576 *
17	16.698 *	14.593 *	26.825 *	8.927 *	16.042 *	3.039 *		3.548 *	4.810 *		3.818 *	0.461 *
18	13.015 *	17.395 *	21.676 *	7.224 *	18.970 *	2.648 *		3.913 *	4.397 *		3.458 *	0.360 *
19	18.304 *	20.931 *	18.522 *	5.261 *	18.488 *	2.359 *		4.707 *	4.006 *		3.119 *	0.274 *
20	16.698 *	20.415 *	16.042 *	4.011 *	18.970 *	3.301 *		5.587 *	3.636 *		2.800 *	0.201 *
21	12.652 *	16.927 *	17.139 *	4.864 *	14.593 *	4.006 *		6.556 *	3.286 *		2.501 *	0.141 *
22	13.612 *	19.445 *	19.677 *	6.565 *	12.271 *	4.397 *		7.206 *	2.957 *		2.222 *	0.093 *
23	16.251 *	17.354 *	16.489 *	8.483 *	10.521 *	4.918 *		7.754 *	2.648 *		1.961 *	0.056 *
24	15.402 *	14.593 *	14.179 *	10.871 *	8.927 *	5.943 *		7.206 *	3.291 *		1.720 *	0.030 *
25	14.806 *	12.303 *	12.271 *	10.203 *	7.626 *	6.813 *		6.681 *	4.402 *		1.496 *	0.012 *
26	17.344 *	12.848 *	10.695 *	8.626 *	6.185 *	7.617 *		6.180 *	5.358 *		1.291 *	0.036 *
27	14.593 *	14.789 *	14.003 *	7.212 *	4.815 *	7.477 *		6.813 *	6.687 *		1.552 *	0.030 *
28	10.710 *	16.251 *	16.032 *	5.057 *	3.463 *	7.617 *		6.681 *	8.483 *		1.496 *	0.012 *
29	7.512 *		14.179 *	3.301 *	2.026 *	8.474 *		6.180 *	7.897 *		1.291 *	0.036 *
30	5.261 *		16.032 *	1.852 *	1.349 *	9.385 *		5.701 *	7.206 *		1.103 *	0.030 *
31	6.445 *		18.488 *		1.852 *			5.244 *				0.065 *
Caudal Max.	25.382 *	22.677 *	28.267 *	25.382 *	20.148 *	9.698 *		7.894 *	9.382 *		6.302 *	2.289 *
Día	15	19	17	2	20	30		23	7		1	5
Hora	18	18	18	18	6	18		18	18		6	18
Caudal Mín.	4.704 *	7.894 *	10.020 *	1.550 *	1.148 *	1.550 *		0.217 *	2.573 *		1.058 *	0.009 *
Día	30	11	26	30	30	13		10	23		30	28
Hora	18	18	18	18	18	18		18	18		18	18
Caudal Medio	14.746	14.192	18.319	9.612	9.921	4.454		3.863	5.860		3.271	0.676

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



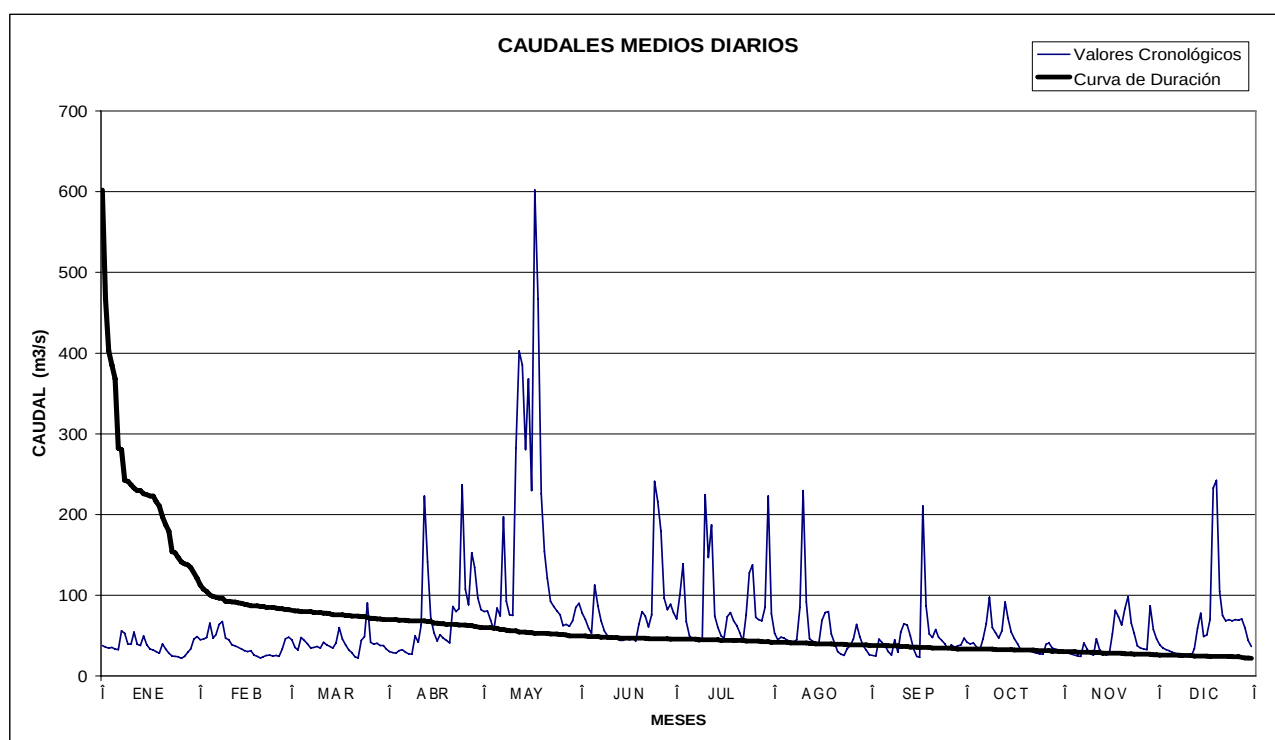
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H900	PAUTE AJ DUDAS											Area Drenaje:4110 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	37.851 *	44.781 *	48.421 *	33.284 *	82.448 *	89.918 *	78.812 *	77.019 *	26.595 *	46.952 *	30.781 *	46.224 *
2	35.864 *	45.500 *	44.781 *	30.168 *	79.715 *	77.913 *	70.875 *	52.940 *	25.445 *	41.953 *	29.560 *	38.522 *
3	34.564 *	47.684 *	35.212 *	28.957 *	80.621 *	70.015 *	100.613 *	44.781 *	24.878 *	39.880 *	28.359 *	34.564 *
4	35.212 *	65.775 *	32.023 *	28.359 *	69.158 *	59.217 *	138.930 *	48.421 *	45.500 *	41.257 *	27.178 *	32.651 *
5	33.284 *	46.952 *	47.684 *	31.399 *	56.830 *	52.940 *	67.458 *	46.952 *	41.953 *	35.864 *	26.017 *	31.399 *
6	32.651 *	51.416 *	44.067 *	32.651 *	84.291 *	112.828 *	49.910 *	44.067 *	37.184 *	32.023 *	24.878 *	29.560 *
7	56.043 *	64.110 *	39.880 *	29.560 *	74.361 *	87.086 *	45.500 *	43.358 *	30.168 *	46.224 *	24.315 *	28.359 *
8	52.940 *	67.458 *	34.564 *	27.766 *	197.523 *	68.306 *	43.358 *	42.653 *	26.017 *	64.940 *	41.257 *	27.178 *
9	39.199 *	46.952 *	35.212 *	27.178 *	92.786 *	56.043 *	42.653 *	44.781 *	44.781 *	97.648 *	33.284 *	26.595 *
10	39.880 *	44.781 *	36.522 *	49.910 *	76.128 *	49.910 *	45.500 *	85.218 *	29.560 *	60.021 *	27.766 *	26.017 *
11	54.483 *	38.522 *	34.564 *	41.953 *	75.242 *	46.952 *	224.346 *	229.876 *	54.483 *	53.709 *	26.017 *	24.878 *
12	39.199 *	37.184 *	41.953 *	63.283 *	282.059 *	45.500 *	146.952 *	91.826 *	64.940 *	46.952 *	46.224 *	24.315 *
13	37.851 *	35.212 *	38.522 *	222.972 *	402.471 *	45.500 *	187.184 *	46.224 *	63.283 *	56.043 *	32.651 *	33.921 *
14	49.910 *	33.284 *	36.522 *	141.203 *	385.198 *	44.067 *	74.361 *	43.358 *	49.910 *	91.826 *	28.359 *	59.217 *
15	38.522 *	31.399 *	34.564 *	71.740 *	280.551 *	44.067 *	60.021 *	41.953 *	33.284 *	71.740 *	26.017 *	77.913 *
16	33.284 *	30.168 *	41.257 *	53.709 *	368.232 *	46.224 *	49.910 *	40.566 *	24.315 *	54.483 *	27.178 *	49.163 *
17	32.023 *	31.399 *	60.021 *	43.358 *	229.876 *	44.781 *	46.952 *	69.158 *	23.207 *	46.224 *	52.176 *	50.661 *
18	30.168 *	26.017 *	45.500 *	51.416 *	601.839 *	46.952 *	73.483 *	78.812 *	210.762 *	39.880 *	81.533 *	70.015 *
19	28.359 *	24.315 *	38.522 *	46.952 *	467.167 *	43.358 *	78.812 *	79.715 *	87.086 *	32.023 *	73.483 *	232.661 *
20	39.880 *	22.660 *	32.023 *	44.067 *	225.723 *	64.110 *	68.306 *	52.176 *	52.176 *	30.781 *	63.283 *	242.515 *
21	33.284 *	23.758 *	28.957 *	41.257 *	153.973 *	79.715 *	62.461 *	41.257 *	47.684 *	31.399 *	83.367 *	104.621 *
22	28.359 *	25.445 *	23.758 *	86.150 *	121.284 *	74.361 *	52.940 *	30.168 *	57.621 *	30.781 *	98.632 *	75.242 *
23	24.878 *	26.017 *	22.660 *	79.715 *	92.786 *	60.830 *	42.653 *	27.178 *	48.421 *	29.560 *	65.775 *	68.306 *
24	24.315 *	24.878 *	44.067 *	83.367 *	86.150 *	76.128 *	76.128 *	25.445 *	44.067 *	28.359 *	52.940 *	70.015 *
25	23.758 *	25.445 *	49.163 *	236.864 *	80.621 *	241.097 *	127.787 *	33.284 *	39.880 *	27.766 *	37.184 *	68.306 *
26	22.119 *	24.315 *	90.870 *	107.670 *	76.128 *	216.154 *	137.798 *	37.851 *	32.651 *	27.178 *	34.564 *	70.015 *
27	24.315 *	33.284 *	41.953 *	88.026 *	62.461 *	179.578 *	72.609 *	45.500 *	38.522 *	39.199 *	33.284 *	69.158 *
28	29.560 *	46.224 *	39.199 *	152.793 *	64.110 *	96.667 *	70.015 *	64.110 *	35.864 *	41.257 *	32.651 *	70.875 *
29	33.284 *		40.566 *	134.427 *	61.644 *	82.448 *	68.306 *	49.163 *	37.184 *	34.564 *	87.086 *	60.021 *
30	45.500 *		37.851 *	96.667 *	68.306 *	88.970 *	85.218 *	37.851 *	38.522 *	33.284 *	57.621 *	44.067 *
31	49.163 *		37.851 *	85.218 *			222.972 *	32.023 *		32.023 *		36.522 *
Caudal Max.	56.043 *	67.458 *	90.870 *	236.864 *	601.839 *	241.097 *	224.346 *	229.876 *	210.762 *	97.648 *	98.632 *	242.515 *
Día	7	8	26	25	18	25	11	11	18	9	22	20
Hora	7	7	7	7	7	7	7	7	7	7	7	7
Caudal Min.	22.119 *	22.660 *	22.660 *	27.178 *	56.830 *	43.357 *	42.653 *	25.445 *	23.207 *	27.178 *	24.315 *	24.315 *
Día	26	20	23	9	5	19	vv	24	17	26	7	12
Hora	7	7	7	7	7	7		7	7	7	7	7
Caudal Medio	36.119	38.033	40.603	73.561	166.610	79.721	87.510	55.732	47.198	44.703	44.447	62.048

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



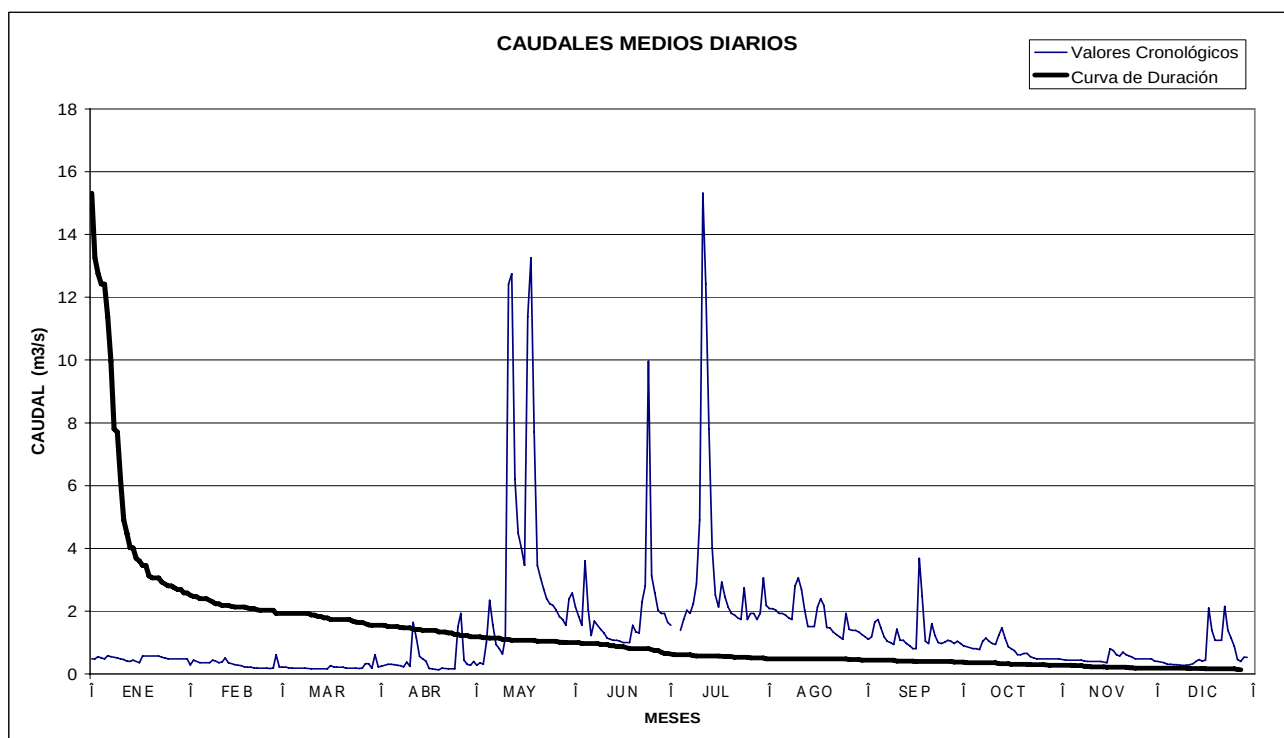
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H902	DUDAS EN PINDILIG											Area Drenaje:144 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.485 *	0.293 *	0.234 *	0.234 *	0.397 *	2.579 *	1.646 *	2.186 *	1.187 *	0.971 *	0.485 *	0.418 *
2	0.485 *	0.441 *	0.218 *	0.249 *	0.284 *	2.133 *	1.555 *	2.081 *	1.113 *	0.905 *	0.463 *	0.397 *
3	0.558 *	0.397 *	0.218 *	0.284 *	0.358 *	1.833 *		2.081 *	1.187 *	0.872 *	0.440 *	0.377 *
4	0.509 *	0.357 *	0.203 *	0.318 *	0.318 *	1.555 *		2.030 *	1.657 *	0.841 *	0.440 *	0.358 *
5	0.485 *	0.357 *	0.189 *	0.318 *	1.007 *	3.599 *	1.385 *	1.929 *	1.737 *	0.809 *	0.440 *	0.318 *
6	0.584 *	0.357 *	0.189 *	0.300 *	2.353 *	2.042 *	1.737 *	1.929 *	1.470 *	0.809 *	0.440 *	0.318 *
7	0.558 *	0.357 *	0.189 *	0.283 *	1.561 *	1.225 *	2.031 *	1.880 *	1.187 *	0.779 *	0.440 *	0.300 *
8	0.533 *	0.441 *	0.189 *	0.266 *	0.937 *	1.691 *	1.929 *	1.784 *	1.041 *	1.041 *	0.440 *	0.300 *
9	0.509 *	0.418 *	0.189 *	0.234 *	0.809 *	1.555 *	2.240 *	1.737 *	1.005 *	1.151 *	0.418 *	0.283 *
10	0.485 *	0.357 *	0.176 *	0.384 *	0.637 *	1.427 *	2.872 *	2.811 *	0.937 *	1.041 *	0.397 *	0.283 *
11	0.463 *	0.377 *	0.162 *	0.249 *	1.160 *	1.305 *	4.912 *	3.066 *	1.430 *	0.971 *	0.397 *	0.283 *
12	0.418 *	0.512 *	0.162 *	1.648 *	12.417 *	1.149 *	15.322 *	2.692 *	1.076 *	0.937 *	0.397 *	0.300 *
13	0.397 *	0.567 *	0.162 *	1.152 *	12.750 *	1.113 *	12.417 *	2.031 *	1.076 *	1.230 *	0.397 *	0.337 *
14	0.441 *	0.337 *	0.162 *	0.561 *	6.207 *	1.076 *	7.806 *	1.512 *	0.971 *	1.470 *	0.397 *	0.402 *
15	0.398 *	0.300 *	0.162 *	0.486 *	4.486 *	1.076 *	4.025 *	1.512 *	0.905 *	1.151 *	0.377 *	0.463 *
16	0.358 *	0.283 *	0.162 *	0.418 *	4.025 *	1.041 *	2.516 *	1.512 *	0.809 *	0.873 *	0.357 *	0.418 *
17	0.583 *	0.266 *	0.266 *	0.176 *	3.457 *	1.005 *	2.133 *	2.133 *	0.809 *	0.809 *	0.809 *	0.441 *
18	0.583 *	0.234 *	0.234 *	0.162 *	11.387 *	1.005 *	2.935 *	2.403 *	3.687 *	0.750 *	0.750 *	2.098 *
19	0.583 *	0.218 *	0.218 *	0.150 *	13.258 *	1.005 *	2.461 *	2.186 *	2.472 *	0.610 *	0.610 *	1.390 *
20	0.583 *	0.218 *	0.218 *	0.138 *	7.716 *	1.555 *	2.133 *	1.481 *	1.041 *	0.610 *	0.583 *	1.076 *
21	0.583 *	0.203 *	0.218 *	0.189 *	3.457 *	1.344 *	1.929 *	1.470 *	0.971 *	0.664 *	0.691 *	1.076 *
22	0.583 *	0.189 *	0.189 *	0.176 *	3.060 *	1.304 *	1.880 *	1.344 *	1.604 *	0.664 *	0.610 *	1.076 *
23	0.533 *	0.189 *	0.189 *	0.162 *	2.692 *	2.293 *	1.784 *	1.264 *	1.230 *	0.558 *	0.583 *	2.155 *
24	0.509 *	0.189 *	0.189 *	0.162 *	2.403 *	2.811 *	1.737 *	1.187 *	1.005 *	0.509 *	0.533 *	1.390 *
25	0.485 *	0.189 *	0.189 *	0.162 *	2.239 *	9.965 *	2.751 *	1.113 *	0.971 *	0.485 *	0.485 *	1.151 *
26	0.485 *	0.176 *	0.176 *	1.514 *	2.186 *	3.127 *	1.737 *	1.935 *	1.007 *	0.485 *	0.485 *	0.884 *
27	0.485 *	0.189 *	0.189 *	1.935 *	2.031 *	2.579 *	1.929 *	1.427 *	1.076 *	0.485 *	0.485 *	0.463 *
28	0.485 *	0.617 *	0.337 *	0.441 *	1.832 *	2.031 *	1.929 *	1.385 *	1.041 *	0.485 *	0.485 *	0.397 *
29	0.485 *		0.337 *	0.318 *	1.737 *	1.935 *	1.737 *	1.385 *	0.971 *	0.485 *	0.485 *	0.534 *
30	0.485 *		0.189 *	0.283 *	1.555 *	1.929 *	1.929 *	1.344 *	1.041 *	0.485 *	0.485 *	0.534 *
31	0.485 *		0.617 *		2.403 *		3.066 *	1.264 *		0.485 *		
Caudal Max.	0.636 *	0.749 *	0.749 *	3.060 *	14.413 *	10.329 *		3.320 *	4.800 *	1.555 *	0.809 *	
Día	6	28	31	27	13	25		11	18	14	17	
Hora	17	7	7	17	7	7		17	17	7	7	
Caudal Min.	0.318 *	0.162 *	0.162 *	0.138 *	0.249 *	1.005 *		1.076 *	0.809 *	0.485 *	0.356 *	
Día	16	26	vv	20	2	vv		25	vv	vv	16	
Hora	17	17		7	17			17			17	
Caudal Medio	0.503	0.315	0.217	0.445	3.584	2.010	3.257	1.809	1.257	0.788	0.493	0.674

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

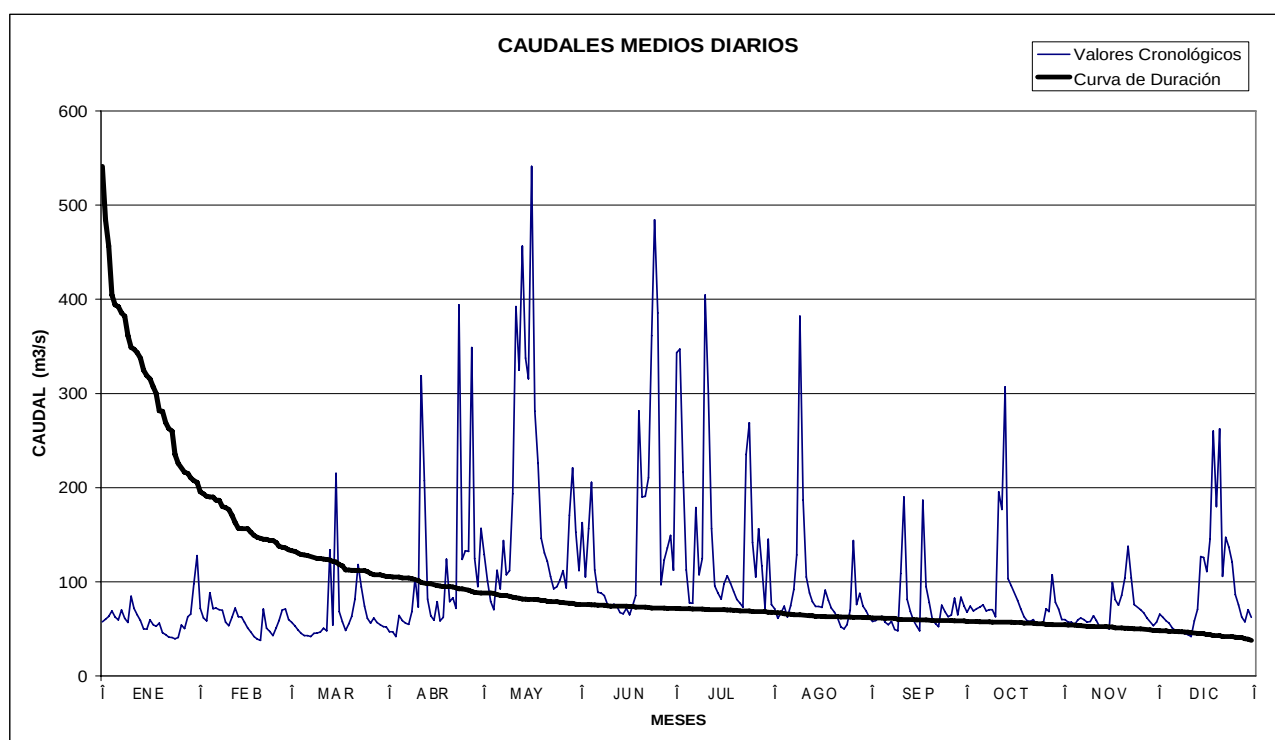


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H912	YACUAMBI EN LA PAZ											Area Drenaje:960 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	57.667 *	71.945 *	60.137 *	52.084 *	156.770 *	112.034 *	112.245 *	76.111 *	61.921 *	74.243 *	60.146 *	57.247 *
2	60.369 *	61.819 *	56.843 *	47.150 *	129.123 *	162.995 *	343.443 *	71.494 *	58.065 *	67.933 *	60.137 *	65.686 *
3	63.525 *	58.479 *	53.251 *	47.179 *	101.422 *	105.248 *	347.277 *	61.412 *	58.889 *	74.266 *	57.247 *	62.247 *
4	69.259 *	88.515 *	49.013 *	42.110 *	79.554 *	156.441 *	216.369 *	67.005 *	61.959 *	69.230 *	57.253 *	58.479 *
5	62.678 *	71.411 *	45.324 *	64.409 *	70.586 *	205.610 *	112.672 *	74.243 *	63.548 *	71.587 *	54.433 *	56.034 *
6	59.724 *	72.399 *	42.811 *	58.889 *	112.245 *	112.593 *	77.524 *	62.669 *	57.247 *	73.327 *	59.776 *	51.310 *
7	70.182 *	70.586 *	42.817 *	56.034 *	92.459 *	88.813 *	77.097 *	74.711 *	54.442 *	75.639 *	61.843 *	48.635 *
8	61.395 *	69.719 *	41.763 *	54.835 *	143.830 *	88.307 *	178.947 *	91.897 *	58.071 *	69.259 *	60.137 *	47.514 *
9	56.843 *	57.247 *	45.315 *	68.418 *	107.725 *	85.296 *	107.586 *	128.728 *	49.389 *	70.601 *	57.247 *	47.517 *
10	84.687 *	53.665 *	45.764 *	104.303 *	111.982 *	76.111 *	124.831 *	382.297 *	47.886 *	70.586 *	58.065 *	44.952 *
11	71.997 *	62.247 *	46.777 *	73.327 *	193.698 *	72.399 *	404.430 *	186.680 *	108.862 *	63.100 *	63.952 *	44.232 *
12	65.276 *	72.399 *	50.920 *	318.887 *	392.273 *	76.250 *	300.331 *	105.243 *	190.266 *	195.475 *	58.947 *	42.110 *
13	58.889 *	63.100 *	47.892 *	207.481 *	324.802 *	74.243 *	156.441 *	88.341 *	81.381 *	177.099 *	52.463 *	58.479 *
14	50.148 *	62.666 *	133.913 *	81.876 *	456.612 *	67.450 *	95.551 *	78.979 *	68.349 *	307.151 *	52.468 *	70.760 *
15	49.770 *	57.265 *	54.052 *	63.970 *	337.633 *	66.135 *	88.341 *	73.778 *	58.924 *	103.637 *	52.463 *	126.766 *
16	59.724 *	51.310 *	215.195 *	59.305 *	315.551 *	71.939 *	81.853 *	73.783 *	52.864 *	96.063 *	50.154 *	125.933 *
17	54.433 *	46.786 *	68.418 *	78.737 *	541.445 *	65.253 *	98.165 *	72.855 *	47.886 *	88.341 *	99.299 *	110.961 *
18	52.855 *	41.763 *	57.681 *	58.479 *	280.981 *	75.183 *	106.513 *	91.272 *	186.640 *	80.401 *	80.890 *	145.374 *
19	56.382 *	39.366 *	48.635 *	62.247 *	225.843 *	85.459 *	98.752 *	80.413 *	95.019 *	71.046 *	75.174 *	260.120 *
20	46.043 *	38.020 *	55.629 *	124.208 *	146.423 *	281.412 *	89.857 *	72.399 *	78.071 *	63.100 *	85.797 *	180.032 *
21	43.886 *	71.237 *	63.525 *	79.057 *	130.573 *	190.243 *	81.381 *	67.889 *	59.718 *	58.889 *	104.349 *	262.299 *
22	41.414 *	50.920 *	81.364 *	83.324 *	122.015 *	190.885 *	77.062 *	61.429 *	55.629 *	58.065 *	137.892 *	105.807 *
23	40.723 *	47.517 *	118.436 *	71.974 *	105.807 *	210.634 *	73.318 *	52.075 *	52.463 *	60.181 *	104.262 *	147.303 *
24	39.701 *	42.811 *	94.571 *	394.059 *	92.419 *	361.656 *	235.161 *	50.148 *	75.183 *	54.829 *	76.111 *	136.713 *
25	41.067 *	51.310 *	74.252 *	123.750 *	95.019 *	484.539 *	269.011 *	54.503 *	68.349 *	55.629 *	73.318 *	121.401 *
26	54.237 *	58.895 *	61.429 *	133.125 *	102.501 *	385.642 *	141.991 *	69.789 *	63.100 *	54.034 *	70.577 *	86.329 *
27	50.509 *	69.963 *	56.436 *	132.398 *	112.034 *	97.130 *	105.248 *	143.830 *	64.822 *	71.587 *	67.013 *	75.761 *
28	63.100 *	71.028 *	61.828 *	348.993 *	93.648 *	123.250 *	156.325 *	76.022 *	82.839 *	68.337 *	61.828 *	62.678 *
29	65.745 *		56.843 *	124.951 *	171.013 *	136.036 *	117.175 *	87.873 *	65.253 *	107.568 *	57.658 *	57.658 *
30	98.255 *		54.433 *	95.019 *	220.922 *	149.437 *	72.074 *	74.243 *	83.822 *	78.510 *	53.641 *	70.679 *
31	127.863 *		52.463 *		152.803 *		145.170 *	69.230 *		71.046 *		62.247 *
Caudal Max.	203.653 *	109.144 *	298.819 *	556.348 *	563.995 *	518.894 *	461.683 *	425.398 *	323.512 *	341.182 *	144.214 *	384.238 *
Día	31	4	16	28	17	25	11	10	18	12	22	21
Hora	17	7	7	7	17	7	7	17	7	17	7	17
Caudal Min.	38.353 *	37.688 *	41.067 *	41.760 *	68.776 *	64.383 *	38.353 *	38.353 *	47.514 *	49.767 *	49.010 *	41.760 *
Día	27	20	8	4	5	15	30	28	10	12	16	12
Hora	7	7	7	17	17	7	7	17	17	7	17	17
Caudal Medio	60.592	59.799	65.733	110.352	184.507	148.621	151.359	91.011	73.695	87.121	68.818	93.331

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

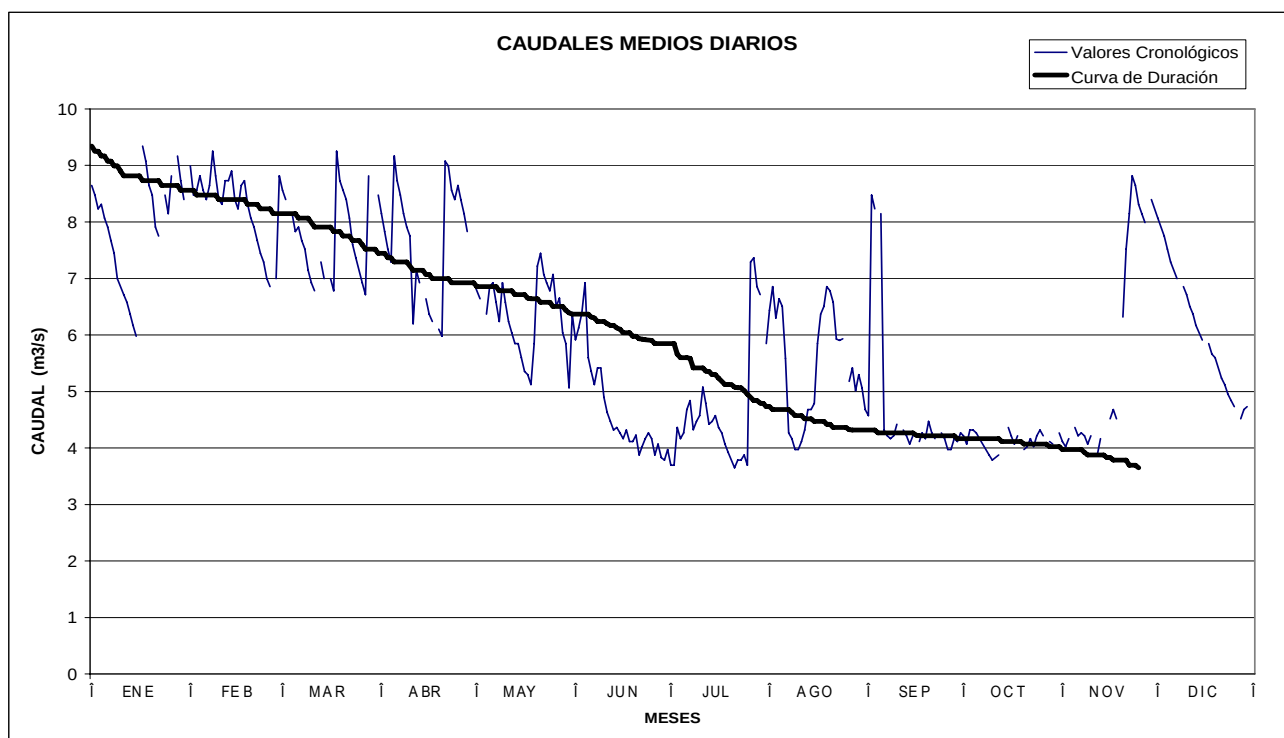


CAUDALES MEDIOS DIARIOS (m³/s)

2003

H929	COLLAY AJ PAUTE											Area Drenaje:253 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	8.646 *	8.990 *	8.817 *	8.478 *	6.928 *	6.371 *	3.973 *	5.848 *	4.681 *	4.266 *	4.266 *	8.230 *
2	8.478 *	8.478 *	8.561 *	8.149 *	6.785 *	5.915 *	3.696 *	6.438 *	4.574 *	4.216 *	4.118 *	8.068 *
3	8.230 *	8.561 *	8.395 *	7.830 *	6.645 *	6.126 *	3.696 *	6.856 *	8.478 *	4.069 *	4.021 *	7.908 *
4	8.312 *	8.817 *		7.520 *		6.392 *	4.367 *	6.303 *	8.230 *	4.316 *	4.167 *	7.751 *
5	8.068 *	8.561 *	8.149 *	7.293 *	6.371 *	6.928 *	4.167 *	6.645 *		4.316 *		7.520 *
6	7.908 *	8.395 *	7.830 *	9.165 *	6.857 *	5.599 *	4.266 *	6.507 *	8.149 *	4.266 *	4.367 *	7.293 *
7	7.674 *	8.646 *	7.908 *	8.732 *	6.928 *	5.360 *	4.681 *	5.586 *	4.316 *	4.167 *	4.216 *	7.145 *
8	7.445 *	9.254 *	7.674 *	8.478 *	6.575 *	5.124 *	4.843 *	4.266 *	4.217 *	4.069 *	4.266 *	6.999 *
9	6.999 *	8.817 *	7.520 *	8.149 *	6.237 *	5.418 *	4.324 *	4.167 *	4.167 *	3.973 *	4.216 *	
10	6.856 *	8.395 *	7.146 *	7.908 *	6.928 *	5.421 *	4.470 *	3.973 *	4.216 *	3.879 *	4.069 *	6.856 *
11	6.714 *	8.312 *	6.928 *	7.751 *	6.576 *	4.899 *	4.574 *	3.973 *	4.418 *	3.787 *	4.216 *	6.714 *
12	6.575 *	8.731 *	6.785 *	6.199 *	6.237 *	4.627 *	5.082 *	4.118 *		3.834 *		6.507 *
13	6.371 *	8.732 *		7.146 *	6.040 *	4.470 *	4.794 *	4.316 *	4.316 *	3.879 *	3.879 *	6.371 *
14	6.171 *	8.903 *	7.293 *	6.928 *	5.848 *	4.317 *	4.418 *	4.681 *	4.216 *		4.167 *	6.171 *
15	5.976 *	8.395 *	6.999 *		5.848 *	4.367 *	4.470 *	4.681 *	4.069 *			6.040 *
16		8.230 *		6.645 *	5.599 *	4.266 *	4.574 *	4.789 *	4.216 *	4.367 *		5.911 *
17	9.343 *	8.646 *	6.999 *	6.371 *	5.358 *	4.167 *	4.367 *	5.848 *		4.216 *	4.521 *	
18	9.078 *	8.732 *	6.785 *	6.237 *	5.298 *	4.316 *	4.266 *	6.371 *	4.118 *	4.069 *	4.681 *	5.848 *
19	8.646 *	8.312 *	9.254 *		5.124 *	4.118 *	4.069 *	6.507 *	4.266 *	4.216 *	4.521 *	5.660 *
20	8.478 *	8.068 *	8.732 *	6.105 *	5.848 *	4.118 *	3.926 *	6.857 *	4.167 *			5.599 *
21	7.908 *	7.908 *	8.561 *	5.976 *	7.219 *	4.224 *	3.787 *	6.785 *	4.470 *	3.973 *	6.320 *	5.417 *
22	7.751 *	7.674 *	8.395 *	9.078 *	7.444 *	3.879 *	3.651 *	6.575 *	4.266 *	4.022 *	7.520 *	5.240 *
23		7.444 *	8.068 *	8.990 *	7.072 *	4.021 *	3.787 *	5.928 *	4.167 *	4.167 *	8.151 *	5.124 *
24	8.478 *	7.293 *	7.596 *	8.561 *	6.928 *	4.167 *	3.789 *	5.905 *		4.022 *	8.817 *	4.954 *
25	8.149 *	6.999 *	7.368 *	8.395 *	6.785 *	4.266 *	3.879 *	5.937 *	4.266 *	4.216 *	8.646 *	4.843 *
26	8.817 *	6.856 *	7.146 *	8.646 *	7.072 *	4.167 *	3.696 *		4.167 *	4.316 *	8.312 *	4.734 *
27			6.928 *	8.395 *	6.507 *	3.879 *	7.294 *	5.182 *	3.973 *	4.216 *	8.149 *	
28	9.165 *	6.999 *	6.714 *	8.149 *	6.651 *	4.071 *	7.368 *	5.418 *	3.973 *		7.988 *	4.521 *
29	8.732 *		8.817 *	7.830 *	6.040 *	3.833 *	6.856 *	5.016 *	4.167 *	4.118 *		4.681 *
30	8.395 *				5.848 *	3.787 *	6.714 *	5.298 *	4.118 *	4.069 *	8.395 *	4.734 *
31					5.067 *			5.067 *				
Caudal Max.						6.999 *						
Día						5						
Hora						7						
Caudal Mín.						3.741 *						
Día						30						
Hora						7						
Caudal Medio	7.902	8.265	7.745	7.745	6.355	4.754	4.595	5.528	4.707	4.116	5.666	6.179

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



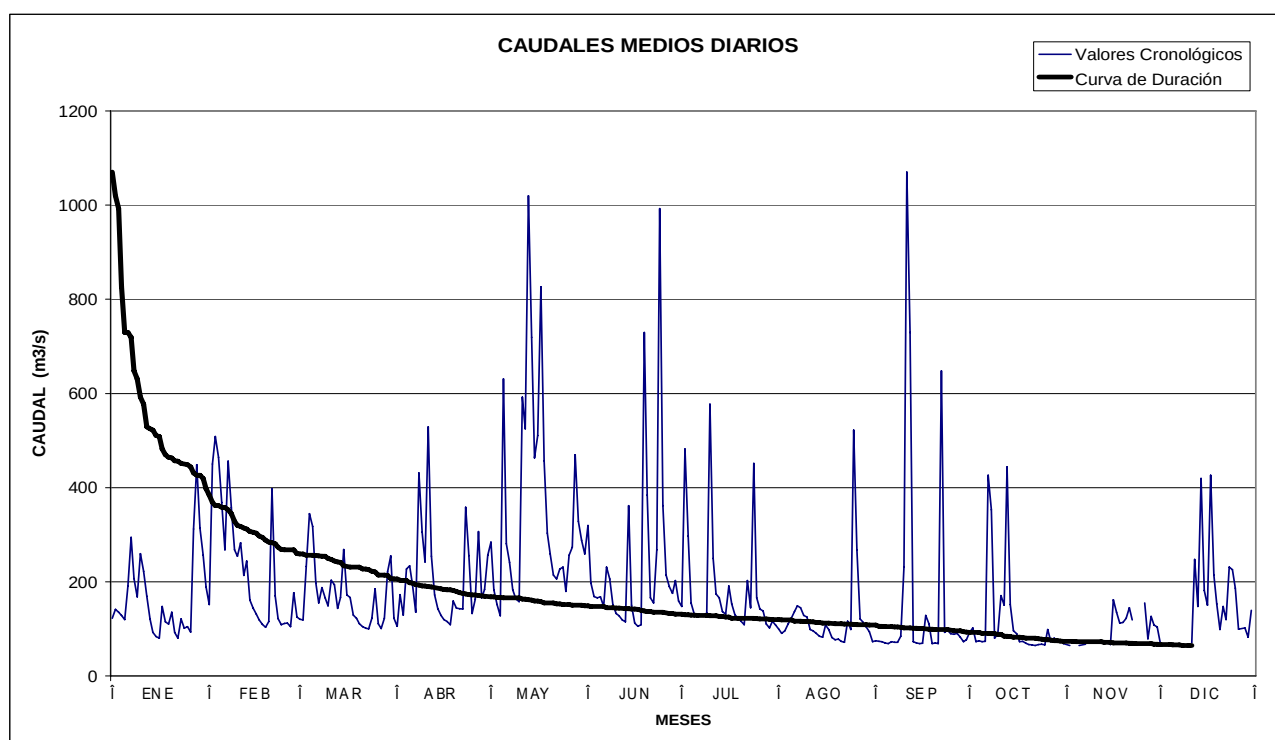
CAUDALES MEDIOS DIARIOS (m³/s)

2003

H966	MAYO AJ QDA.ZUMBAYACU											Area Drenaje:2585 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	122.640 *	151.815 *	125.373 *	122.777 *	256.316 *	259.323 *	159.277 *	107.920 *	72.559 *	77.446 *	68.770 *	104.401 *
2	141.626 *	450.403 *	120.720 *	105.570 *	284.034 *	319.666 *	147.888 *	99.804 *	75.471 *	93.112 *	66.915 *	68.770 *
3	135.635 *	508.734 *	119.489 *	173.044 *	182.863 *	197.828 *	482.262 *	90.936 *	73.523 *	102.089 *	65.088 *	
4	129.076 *	464.805 *	232.751 *	129.679 *	152.138 *	168.866 *	297.860 *	96.428 *	72.559 *	72.559 *		
5	120.435 *	368.576 *	344.607 *	227.471 *	128.393 *	166.708 *	154.954 *	110.300 *	70.651 *	75.471 *		
6	191.475 *	267.804 *	317.344 *	234.074 *	630.978 *	168.111 *	131.633 *	122.609 *	68.770 *	72.559 *	65.088 *	
7	294.279 *	456.757 *	197.568 *	193.311 *	280.990 *	147.888 *	130.323 *	136.941 *	72.559 *	73.523 *	65.998 *	
8	206.974 *	357.939 *	155.176 *	135.824 *	241.186 *	231.667 *	127.725 *	149.287 *	71.602 *	426.915 *	67.839 *	
9	168.236 *	267.942 *	187.843 *	430.978 *	183.447 *	205.958 *	126.435 *	145.110 *	71.602 *	352.705 *		
10	260.426 *	254.862 *	166.339 *	305.111 *	162.936 *	150.694 *	134.273 *	129.021 *	84.568 *	80.458 *		
11	222.523 *	283.141 *	148.733 *	242.399 *	157.833 *	132.950 *	577.641 *	125.153 *	231.667 *	88.786 *		
12	169.611 *	214.068 *	203.475 *	528.846 *	592.376 *	127.725 *	249.690 *	98.672 *	1070.212 *	171.111 *	65.088 *	70.651 *
13	121.351 *	244.271 *	193.895 *	254.954 *	524.540 *	118.844 *	174.139 *	96.428 *	729.648 *	150.694 *		247.856 *
14	93.126 *	161.533 *	143.735 *	171.908 *	1019.599 *	115.141 *	166.621 *	90.936 *	72.559 *	444.141 *		147.888 *
15	83.531 *	144.420 *	166.903 *	143.087 *	719.594 *	361.575 *	136.941 *	84.568 *	70.651 *	152.107 *	70.651 *	419.642 *
16	80.471 *	131.020 *	268.779 *	129.034 *	463.019 *	150.694 *	131.633 *	82.500 *	68.770 *	96.428 *	66.915 *	181.832 *
17	147.974 *	118.858 *	172.117 *	120.096 *	510.853 *	112.707 *	191.293 *	107.920 *	69.707 *	89.858 *	162.194 *	150.694 *
18	115.172 *	109.710 *	167.042 *	115.755 *	826.518 *	105.567 *	153.527 *	98.672 *	129.021 *	72.559 *	135.604 *	426.915 *
19	110.303 *	103.245 *	129.679 *	109.110 *	457.031 *	109.106 *	130.323 *	81.476 *	111.500 *	73.523 *	112.707 *	214.352 *
20	135.618 *	115.823 *	122.640 *	159.305 *	303.124 *	729.648 *	122.609 *	77.446 *	68.770 *	69.707 *	113.921 *	153.527 *
21	92.756 *	398.198 *	111.513 *	144.462 *	259.057 *	384.258 *	116.369 *	78.443 *	70.651 *	66.915 *	122.609 *	98.672 *
22	80.864 *	170.391 *	104.984 *	142.856 *	214.440 *	166.621 *	109.106 *	73.523 *	68.770 *	65.998 *	145.110 *	147.888 *
23	121.566 *	122.019 *	101.516 *	142.132 *	206.046 *	154.954 *	202.650 *	71.602 *	648.281 *	65.088 *	118.844 *	120.092 *
24	101.516 *	109.110 *	100.373 *	358.751 *	227.294 *	268.423 *	145.110 *	116.369 *	93.112 *	66.915 *		231.667 *
25	105.086 *	111.718 *	122.513 *	255.431 *	231.756 *	992.830 *	451.634 *	98.672 *	97.546 *	67.839 *		226.398 *
26	93.143 *	112.171 *	184.976 *	132.981 *	179.548 *	361.575 *	166.621 *	522.033 *	89.858 *	65.998 *		186.531 *
27	311.913 *	104.984 *	111.554 *	163.471 *	256.994 *	214.352 *	142.359 *	268.423 *	88.786 *	98.672 *	154.954 *	99.804 *
28	449.261 *	177.195 *	100.946 *	306.812 *	273.418 *	189.699 *	138.285 *	121.347 *	90.936 *	72.559 *	79.447 *	100.943 *
29	314.577 *		122.513 *	166.263 *	470.075 *	175.664 *	110.300 *	113.921 *	82.500 *	80.458 *	126.435 *	102.089 *
30	256.273 *		221.292 *	184.157 *	328.998 *	202.650 *	102.089 *	104.401 *	72.559 *	76.455 *	107.920 *	82.500 *
31	189.010 *		255.395 *		288.673 *		116.369 *	94.211 *		74.494 *		139.636 *
Caudal Max.	464.267 *	633.211 *	405.292 *	535.658 *	1192.015 *	992.830 *	577.641 *	522.033 *	1070.212 *	444.141 *		
Día	28	3	5	12	14	25	11	26	12	14		
Hora	8	8	17	17	8	17	8	17	17	8		
Caudal Min.	69.707 *	102.089 *	99.804 *	104.401 *	125.153 *	105.567 *	102.089 *	71.602 *	68.770 *	65.087 *		
Día	22	25	24	2	5	18	30	23	vv	23		
Hora	17	8	8	17	17	17	8	8		8		
Caudal Medio	166.660	231.483	168.445	200.988	355.292	239.723	184.772	122.421	158.646	117.327	99.105	169.216

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

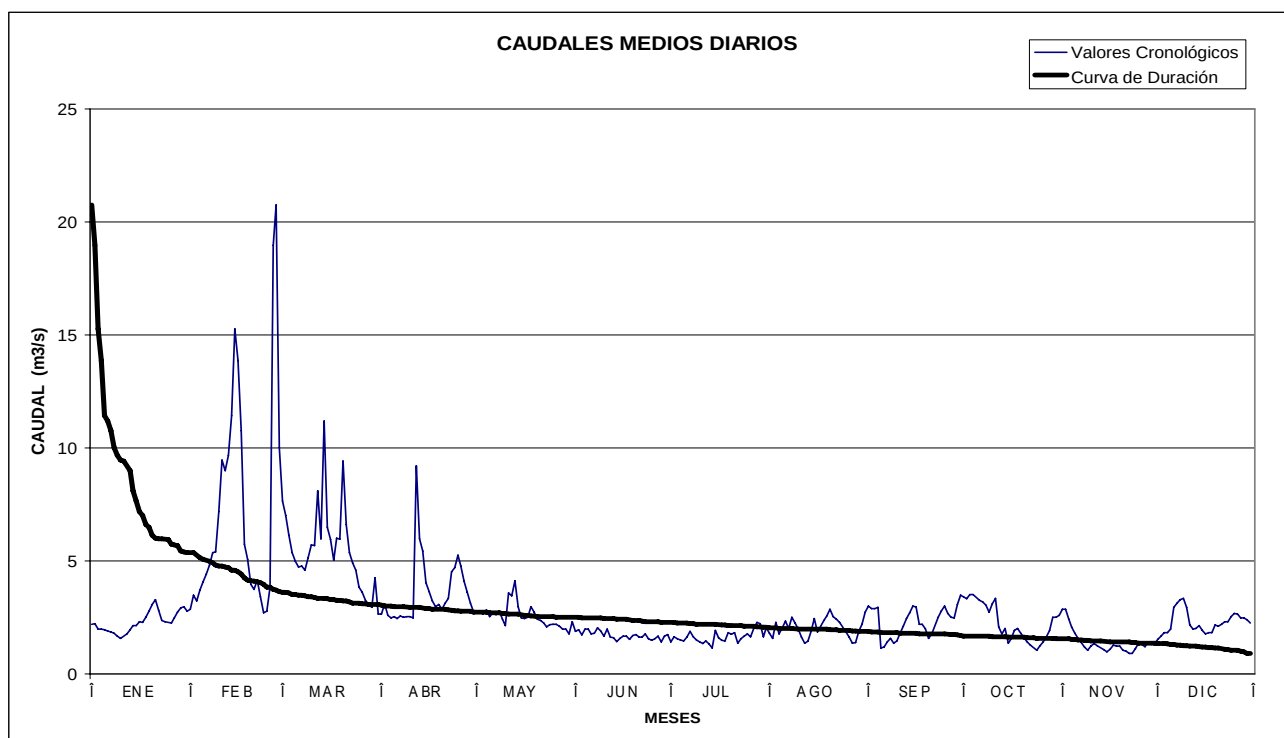


CAUDALES MEDIOS DIARIOS (m³/s)

2003

HA2D		PORTOVIEJO EN PICOAZA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	2.203 *	2.863 *	10.008 *	2.656 *	2.744 *	2.314 *	1.756 *	2.041 *	2.745 *	3.484 *	2.598 *	1.346 *	
2	2.231 *	3.484 *	7.647 *	2.656 *	2.776 *	1.895 *	1.416 *	1.808 *	3.014 *	3.422 *	2.863 *	1.534 *	
3	1.988 *	3.231 *	7.017 *	3.108 *	2.715 *	1.962 *	1.657 *	1.583 *	2.893 *	3.325 *	2.865 *	1.681 *	
4	1.989 *	3.712 *	6.133 *	2.598 *	2.656 *	1.733 *	1.559 *	2.286 *	2.893 *	3.517 *	2.426 *	1.833 *	
5	1.962 *	4.080 *	5.366 *	2.483 *	2.836 *	1.988 *	1.511 *	1.782 *	2.953 *	3.517 *	2.068 *	1.833 *	
6	1.910 *	4.424 *	4.996 *	2.540 *	2.540 *	1.989 *	1.463 *	2.041 *	1.145 *	3.388 *	1.807 *	1.988 *	
7	1.858 *	4.815 *	4.743 *	2.455 *	2.715 *	1.782 *	1.632 *	2.342 *	1.189 *	3.262 *	1.583 *	2.953 *	
8	1.807 *	5.366 *	4.779 *	2.569 *	2.627 *	1.808 *	1.885 *	2.015 *	1.416 *	3.199 *	1.393 *	3.137 *	
9	1.681 *	5.406 *	4.600 *	2.512 *	2.803 *	2.041 *	1.657 *	2.511 *	1.583 *	3.045 *	1.189 *	3.294 *	
10	1.583 *	7.185 *	5.146 *	2.540 *	2.426 *	1.910 *	1.511 *	2.259 *	1.370 *	2.745 *	1.060 *	3.357 *	
11	1.681 *	9.467 *	5.712 *	2.541 *	2.149 *	1.683 *	1.417 *	1.988 *	1.464 *	3.106 *	1.243 *	2.950 *	
12	1.782 *	9.000 *	5.683 *	2.483 *	3.584 *	1.989 *	1.347 *	1.632 *	1.807 *	3.357 *	1.346 *	2.176 *	
13	1.962 *	9.682 *	8.102 *	9.208 *	3.471 *	1.632 *	1.464 *	1.370 *	2.123 *	2.092 *	1.256 *	1.989 *	
14	2.149 *	11.441 *	5.983 *	5.983 *	4.122 *	1.608 *	1.331 *	1.443 *	2.454 *	1.782 *	1.167 *	2.015 *	
15	2.149 *	15.264 *	11.196 *	5.445 *	2.985 *	1.439 *	1.152 *	1.887 *	2.715 *	2.015 *	1.081 *	2.149 *	
16	2.314 *	13.874 *	6.493 *	4.047 *	2.483 *	1.588 *	1.936 *	2.455 *	3.015 *	1.370 *	0.977 *	1.936 *	
17	2.286 *	10.766 *	5.951 *	3.646 *	2.454 *	1.681 *	1.607 *	1.858 *	2.958 *	1.559 *	1.102 *	1.782 *	
18	2.511 *	5.745 *	5.033 *	3.231 *	2.511 *	1.682 *	1.487 *	2.123 *	2.205 *	1.939 *	1.278 *	1.833 *	
19	2.773 *	5.074 *	6.016 *	2.984 *	2.989 *	1.538 *	1.465 *	2.369 *	2.206 *	2.015 *	1.233 *	1.833 *	
20	3.076 *	3.980 *	5.977 *	3.075 *	2.746 *	1.706 *	1.834 *	2.569 *	1.993 *	1.807 *	1.234 *	2.176 *	
21	3.294 *	3.746 *	9.425 *	2.863 *	2.426 *	1.756 *	1.757 *	2.863 *	1.583 *	1.607 *	1.060 *	2.122 *	
22	2.833 *	4.148 *	6.616 *	3.138 *	2.369 *	1.632 *	1.833 *	2.540 *	1.782 *	1.416 *	1.018 *	2.204 *	
23	2.376 *	3.421 *	5.367 *	3.358 *	2.258 *	1.632 *	1.370 *	2.426 *	2.149 *	1.278 *	0.916 *	2.314 *	
24	2.314 *	2.715 *	4.924 *	4.530 *	2.095 *	1.782 *	1.559 *	2.287 *	2.512 *	1.167 *	0.917 *	2.314 *	
25	2.286 *	2.778 *	4.601 *	4.707 *	2.178 *	1.559 *	1.683 *	2.068 *	2.803 *	1.060 *	1.124 *	2.540 *	
26	2.259 *	3.845 *	3.845 *	5.254 *	2.203 *	1.487 *	1.782 *	1.858 *	3.014 *	1.256 *	1.370 *	2.685 *	
27	2.483 *	18.963 *	3.614 *	4.780 *	2.204 *	1.559 *	1.659 *	1.632 *	2.685 *	1.416 *	1.301 *	2.656 *	
28	2.744 *	20.748 *	3.262 *	4.114 *	2.122 *	1.683 *	2.015 *	1.370 *	2.511 *	1.657 *	1.211 *	2.483 *	
29	2.923 *		3.076 *	3.614 *	1.988 *	1.416 *	2.286 *	1.396 *	2.484 *	1.937 *	1.416 *	2.483 *	
30	2.984 *		2.955 *	3.138 *	1.989 *	1.684 *	2.233 *	1.885 *	3.077 *	2.512 *	1.301 *	2.398 *	
31	2.773 *		4.251 *		1.782 *		1.657 *	2.205 *		2.511 *		2.258 *	
Caudal Max.	3.357 *	33.147 *	11.833 *	14.931 *	4.565 *	2.341 *	2.397 *	2.923 *	3.230 *	3.614 *	3.045 *	3.614 *	
Día	21	27	21	13	14	1	30	21	17	2	3	11	
Hora	7	17	17	17	17	7	17	7	7	7	7	7	
Caudal Mín.	1.558 *	2.511 *	2.803 *	2.341 *	1.756 *	1.369 *	0.856 *	1.233 *	1.102 *	1.018 *	0.817 *	1.323 *	
Día	10	25	30	7	31	29	14	29	6	25	24	1	
Hora	7	7	17	17	7	7	7	7	7	17	7	7	
Caudal Medio	2.296	7.115	5.759	3.608	2.579	1.739	1.643	2.029	2.291	2.315	1.447	2.266	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



REGISTRO DE AFOROS DE SEDIMENTOS EN SUSPENSIÓN
AÑO 2003

CUENCA	CÓDIGO ESTAC.	E S T A C I Ó N	FECHA	LECTURA LIMNIMET. (m)	CAUDAL (m3/s)	SEDIMENTOS	
						CONC.M. (Kg/m3)	GAS.SOL. (Kg/s)
MIRA	H-015	Chota en Pte. Carretera	03-07-10	0.63	9.431	0.0304	0.2867
			03-10-21	1.78	27.761	0.9142	25.3791
	H-011	Mira en Lita	03-10-27	1.90	139.464	2.0596	287.2401
ESMERALDAS	H-138	Blanco D.J. Toachi	03-06-07	1.30	214.280	0.1866	39.9846
			03-11-08	0.44	55.159	0.3663	20.2047
	H-168	Esmeraldas D.J. Sade	03-06-10	5.90	850.455	0.1564	133.011
	H-148	Guayllabamba D.J. Pisque	03-05-20	1.26	36.635	0.4297	15.742
			03-12-25	0.78	3.7620	0.0246	0.0925
	H-167	Toachi En Sto. Domingo	03-06-28	0.53	66.487	0.0398	2.6462
			03-10-31	0.21	26.637	0.0494	1.3159
GUAYAS	H-340	Chimbo En Bucay	03-01-06	0.93	34.328	0.0563	1.9327
			03-11-09	0.48	10.597	0.0229	0.2427
	H-338	Chimbo D.J. Pangor	03-06-03	0.78	17.328	0.1279	2.2163
	H-365	Daule en La Capilla	03-05-29	2.90	110.665	0.1530	16.9317
			03-10-29	2.56	95.319	0.0419	3.9939
	H-347	Quevedo en Quevedo	03-06-16	1.40	108.730	0.0477	5.1864
			03-10-22	0.85	35.532	0.0166	0.5898
CAÑAR	H-471	Cañar D.J. Raura	03-05-27	0.65	7.692	0.0723	0.5561
			03-11-04	0.30	2.823	0.0560	0.1581
JUBONES	H-528	Jubones D.J. Minas	03-06-01	1.30	51.988	0.3939	20.4781
			3/12/2008	0.48	8.427	0.0571	0.4812
	H-530	Jubones en Uhcurrumi	03-06-02	3.44	61.068	0.6772	41.3552
			03-12-09	2.59	6.189	0.0648	0.4010
ARENILLAS	H-547	Rircay En Pte. Alto Saltana	03-12-08	0.74	0.169	0.1019	0.0172
ARENILLAS	H-574	Arenillas en Arenillas	03-06-20	0.34	1.489	0.068	0.1013
			03-10-31	0.31	2.384	1.1933	2.8448
PUYANGO - TUMBEZ	H-591	Puyango En Pte. Carrtera	03-06-03	0.86	45.560	0.9593	43.7057
			03-12-10	0.20	11.348	0.0298	0.3382
CATAMAYO - CHIRA	H-616	Alamor en Saucillo	03-06-04	0.92	2.901	0.0735	0.2132
			03-12-13	0.72	0.332	0.0149	0.0049
NAPO	H-727	Jatunyacu D.J. Iloculín	03-06-24	0.69	376.799	0.4581	172.6116
			03-10-15	0.61	143.103	0.1299	18.5891
	H-719	Quijos D.J. Oyacachi	03-04-11	0.60	92.652	0.0276	2.5572
			03-04-21	0.70	99.377	0.0358	3.5577
			03-05-01	1.72	298.638	0.5879	175.5693
	H-719	Quijos D.J. Oyacachi	03-05-11	1.16	190.985	0.0945	18.0481
			03-05-21	1.52	269.526	0.0804	21.6699
			03-06-01	1.05	154.547	0.0337	5.2082
			03-06-11	0.68	103.125	0.0431	4.4447
			03-06-21	1.38	207.863	0.0183	3.8039
			03-07-01	1.28	203.496	0.0754	15.3436
			03-07-21	1.05	163.108	0.1384	22.5741
			03-08-03	1.29	207.927	0.0615	12.7875
			03-08-11	1.36	231.807	0.2390	55.4019
			03-08-23	0.62	93.921	0.0147	1.3806
			03-09-01	0.64	91.680	0.0178	1.6319
			03-09-11	1.50	262.432	0.4857	127.4632
			03-09-21	0.68	101.176	0.2300	23.2705
			03-10-01	1.17	174.956	0.0845	14.7838
			03-10-22	1.10	167.426	0.2466	41.2873
			03-11-01	0.56	90.701	0.0461	4.1813
			03-11-11	0.58	87.683	0.0184	1.6134
			03-11-21	0.45	66.785	0.0158	1.0552
			03-12-01	1.72	405.193	0.7718	312.7280
			03-12-11	0.30	54.270	0.0435	2.3607
			03-12-21	1.52	283.363	0.0526	14.9049
	H-718	Quijos En Baeza	03-10-02	0.78	31.002	0.4700	14.5709
			03-10-11	0.67	20.713	0.0221	0.4578
			03-10-22	1.75	117.463	0.2086	24.5028
			03-11-02	0.64	22.287	0.3555	7.9230
			03-11-12	0.63	23.880	0.0539	1.2871
			03-11-22	0.82	33.049	0.0585	1.9334
			03-12-01	0.96	42.538	0.0640	2.7224
			03-12-12	0.50	15.391	0.0386	0.5941
			03-12-21	1.52	140.310	0.1638	22.9828
PASTAZA	H-792	Cutuchi A.J. Yanayacu	03-06-06	0.44	4.543	0.4219	1.9167
SANTIAGO	H-908	Upano D.J. Tutanangoza	03-12-24	1.80	475.375	5.3356	2536.4109
	H-889	Zamora D.J. Sabanilla	03-12-18	1.18	127.637	1.4420	184.0526
	H-884	Zamora A.J. Bomboiza	03-12-21	3.05	914.256	3.0208	2761.7845

REGISTRO DE ANÁLISIS FÍSICO - QUÍMICO
INFORMACIÓN RED HIDROQUÍMICA SUPERFICIAL DEL AÑO 2003

ESTACIÓN			CÓDIGO	CLASE	FECHA	PARÁMETROS DE CAMPO		P A R Á M E T R O S D E L A B O R A T O R I O														I N D I C E S																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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REGISTRO DE ANÁLISIS FÍSICO - QUÍMICO
INFORMACIÓN RED HIDROQUÍMICA SUPERFICIAL DEL AÑO 2003

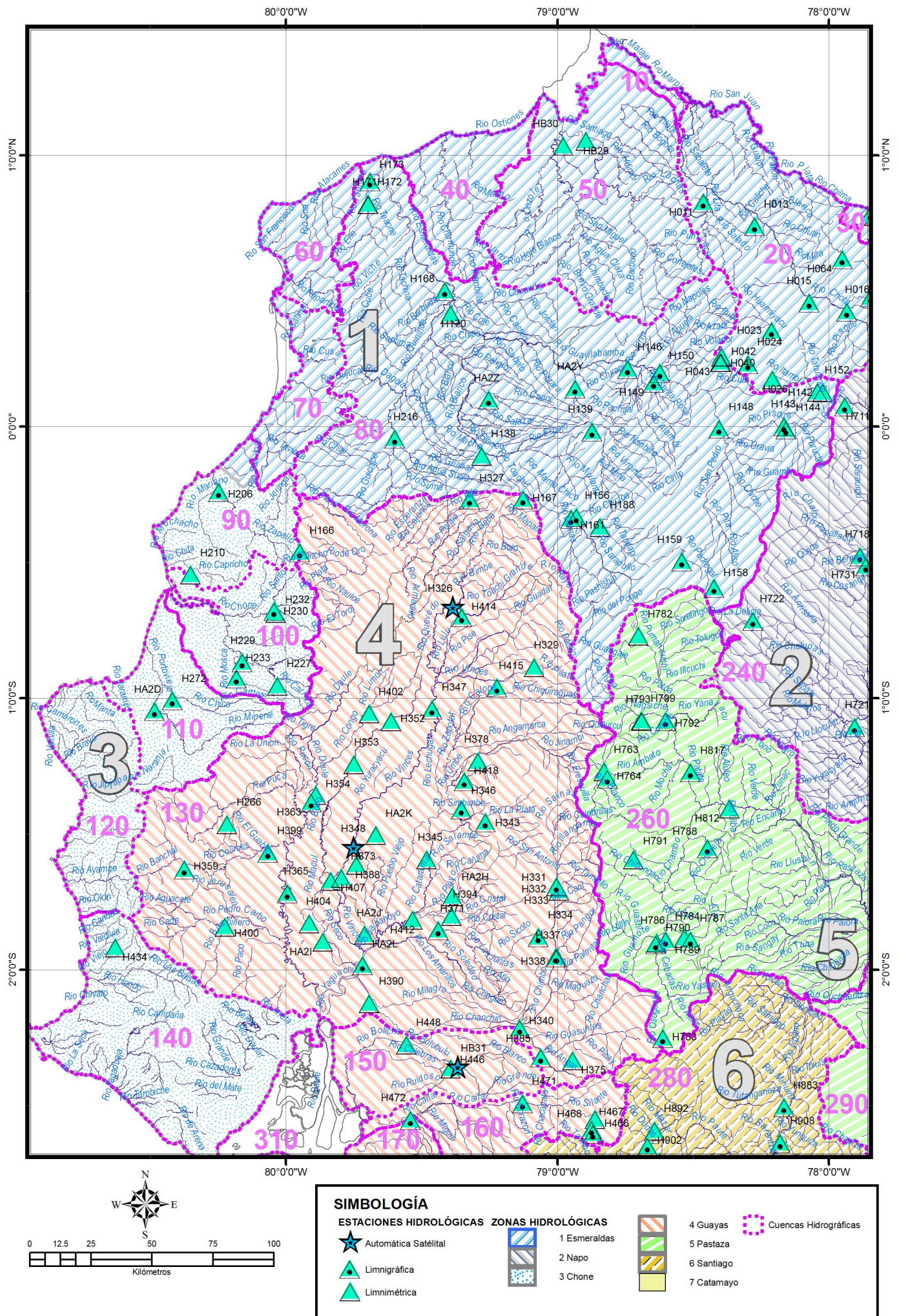
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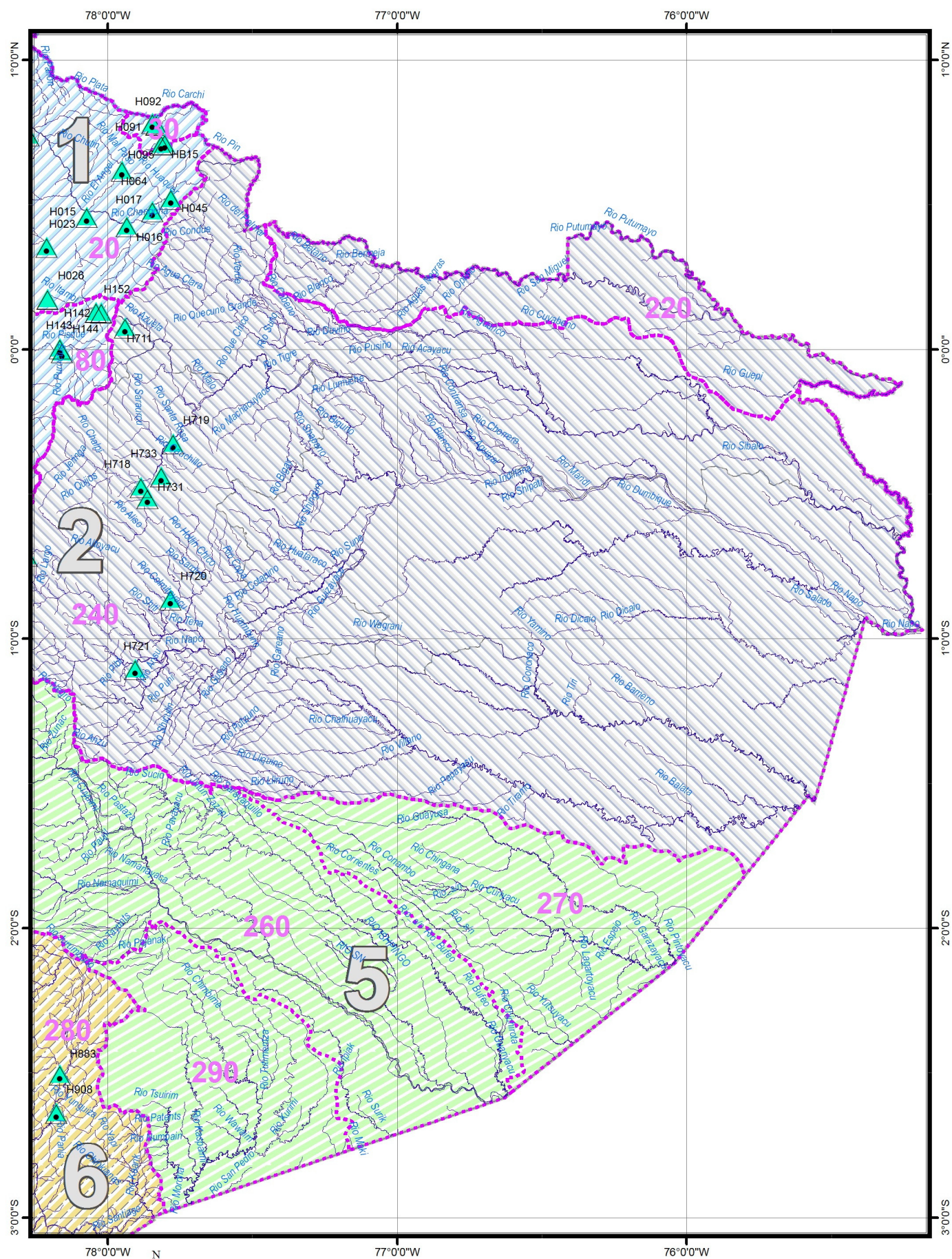
REGISTRO DE ANÁLISIS FÍSICO - QUÍMICO
INFORMACIÓN RED HIDROQUÍMICA SUPERFICIAL DEL AÑO 2003

ESTACIÓN	CÓDIGO ESTAC.	CÓDIGO PROV.	CLASE	FECHA	PARÁMETROS DE CAMPO	PARÁMETROS DE LABORATORIO																								INDICES			
						A N I O N E S								C A T I O N E S																			
						TAg	CE	pH	Turb.	SS.	A.T.	D.T.	NaCl	CO3H-	CO3=	SO4=	Cl-	NO3-	NO2-	PO4=	F-	Na+	K+	Ca++	Mg++	Mn++	NH4+	Fe(T)	Cr+6	SAR	CSR		
CUENCA DEL RIO ARENILLAS																																	
Arenillas en Arenillas	H-574	24	RIO	18/12/2003		140	6.80	4 PTU	25.0	52.0	40.0	70.0	52.0	0.0	11.0	0.80	5.20	0.016	0.85	0.26	5.34	2.80	8.00	4.80	0.10	0.04	0.23	0.000	0.37	0.05			
CUENCA DEL RIO PUYANGO																																	
Puyango en Camp. Militar	H-591	24	RIO	3/6/2003		70	7.30	33 NTU	75.0	48.0	56.0	35.0	48.0	0.0	15.0	3.00	5.20	0.020	0.36	0.18	0.77	1.18	6.40	9.60	0.10	0.06	0.46	0.000	0.04	-0.33			
Puyango en Camp. Militar	H-591	24	RIO	10/12/2003		130	6.90	5 PTU	5.0	32.0	60.0	65.0	32.0	0.0	26.0	3.50	5.40	0.048	0.10	0.00	1.49	1.15	16.80	4.32	0.10	0.06	0.02	0.010	0.08	-0.68			
CUENCA DEL RIO CATAMAYO																																	
Amor en Saucillo	H-616	19	RIO	13/10/2003		260	8.00	1 NTU	2	76.0	80.0	130.0	76.0	0.0	28.0	25.00	4.60	0.027	0.73	0.31	20.86	1.04	18.40	8.16	0.00	0.00	0.00	0.000	1.01	-0.35			
CUENCA DEL RIO NAPO																																	
Coangra AJ Quijose	H-731	30	RIO	15/1/2003		91	7.32	2 PTU	12.0	39.0	48.0	46.0	39.0	0.0	11.0	0.50	2.20	0.009	0.02	0.30	2.59	1.38	14.40	2.88	0.10		0.22	0.000	0.16	-0.32			
Coangra AJ Quijose	H-731	30	RIO	17/2/2003		97	7.34		102.0	38.0	44.0	48.0	38.0	0.0	16.0	0.50	5.60	0.041	0.07	0.27	1.26	1.38	16.00	0.96	0.10		0.20	0.000	0.08	-0.26			
Jatunpachi DJ Illeculin	H-721	30	RIO	24/7/2003		60	7.60	5 PTU	62.0	40.0	40.0	30.0	40.0	0.0	2.0	0.50	2.90	0.02	0.02	0.26	2.93	1.52	11.20	2.88	0.10	0.04	0.15	0.000	0.20	-0.14			
Jatunpachi DJ Illeculin	H-721	30	RIO	15/10/2003		90	7.50		32.0	38.0	40.0	45.0	38.0	0.0	5.0	4.50	4.70	0.023	0.21	0.60	0.27	1.64	13.60	1.44	0.10	0.08	0.11	0.010	0.02	-0.18			
Quijose AJ Borja	H-733	30	RIO	21/1/2003		114	7.27	17 FTU	87.0	38.0	56.0	57.0	38.0	0.0	15.0	5.00	2.40	0.005	0.14	0.36	1.83	1.40	15.20	4.32	0.20		0.42	0.000	0.11	-0.5			
Quijose AJ Borja	H-733	30	RIO	13/2/2003		151	7.70	18 FTU	102.0	40.0	54.0	76.0	40.0	0.0	24.0	5.00	2.70	0.034	0.10	0.37	4.16	1.40	15.20	3.84	0.15		0.40	0.000	0.25	-0.42			
Quijose DJ Oyacachi	H-719	30	RIO	23/1/2003		87	6.00	8 PTU	77.0	30.0	38.0	44.0	30.0	0.0	11.0	3.00	1.90	0.014	0.05	0.30	0.23	1.38	10.40	2.88	0.40		0.78	0.000	0.02	-0.27			
Quijose DJ Oyacachi	H-719	30	RIO	18/2/2003		98	6.75	7 PTU	185.0	36.0	42.0	49.0	36.0	0.0	10.0	1.50	2.50	0.006	0.07	0.15	0.80	1.39	12.80	2.40	0.40		0.14	0.000	0.05	-0.25			
Quijose en Basea	H-718	30	RIO	15/1/2003		128	7.70	2 PTU	26.0	40.0	50.0	64.0	40.0	0.0	27.0	7.50	3.40	0.005	0.08	0.41	9.09	1.34	16.00	2.40	0.10		0.52	0.000	0.86	-0.34			
CUENCA DEL RIO PASTAZA																																	
Ortuchi AJ Yanapachi	H-792	13	RIO	6/6/2003		940	7.90		45.0	700.0	560.0	470.0	700.0	0.0	80.0	90.00	8.70	0.018	1.23	1.50	97.52	9.25	88.00	81.60	0.01	0.11	0.17	0.000	1.79	0.28			
Ortuchi AJ Yanapachi	H-792	13	RIO	17/9/2003		990	7.60	3 NTU	37.0	580.0	600.0	495.0	580.0	0.0	75.0	70.00	8.10	0.593	1.40	0.94	20.68	5.60	72.00	100.80	0.40	0.30	0.08	0.000	0.37	-2.49			
CUENCA DEL RIO SANTIAGO																																	
Zamora AJ Bombiza	H-884	33	RIO	11/6/2003		50	7.20	41 NTU	75.0	40.0	42.0	25.0	40.0	0.0	5.0	1.00	3.50	0.006	0.22	0.00	2.37	2.00	9.60	4.32	0.20	0.27	1.27	0.000	0.16	-0.16			
Zamora AJ Bombiza	H-884	33	RIO	21/12/2003		20	6.30	26 FTU	19.0	20.0	16.0	10.0	20.0	0.0	0.0	0.50	5.50	0.009	0.08	0.54	1.71	1.71	4.00	1.44	0.00	0.22	0.26	0.000	0.19	0.01			
Zamora en Zamora	H-889	33	RIO	18/12/2003		20	6.00	47 FTU	88.0	10.0	10.0	10.0	10.0	0.0	0.0	0.50	5.40	0.005	0.21	0.16	0.75	0.42	2.40	0.96	0.70	0.43	0.50	0.010	0.10	-0.04			

ANEXOS

Mapas e Inventarios





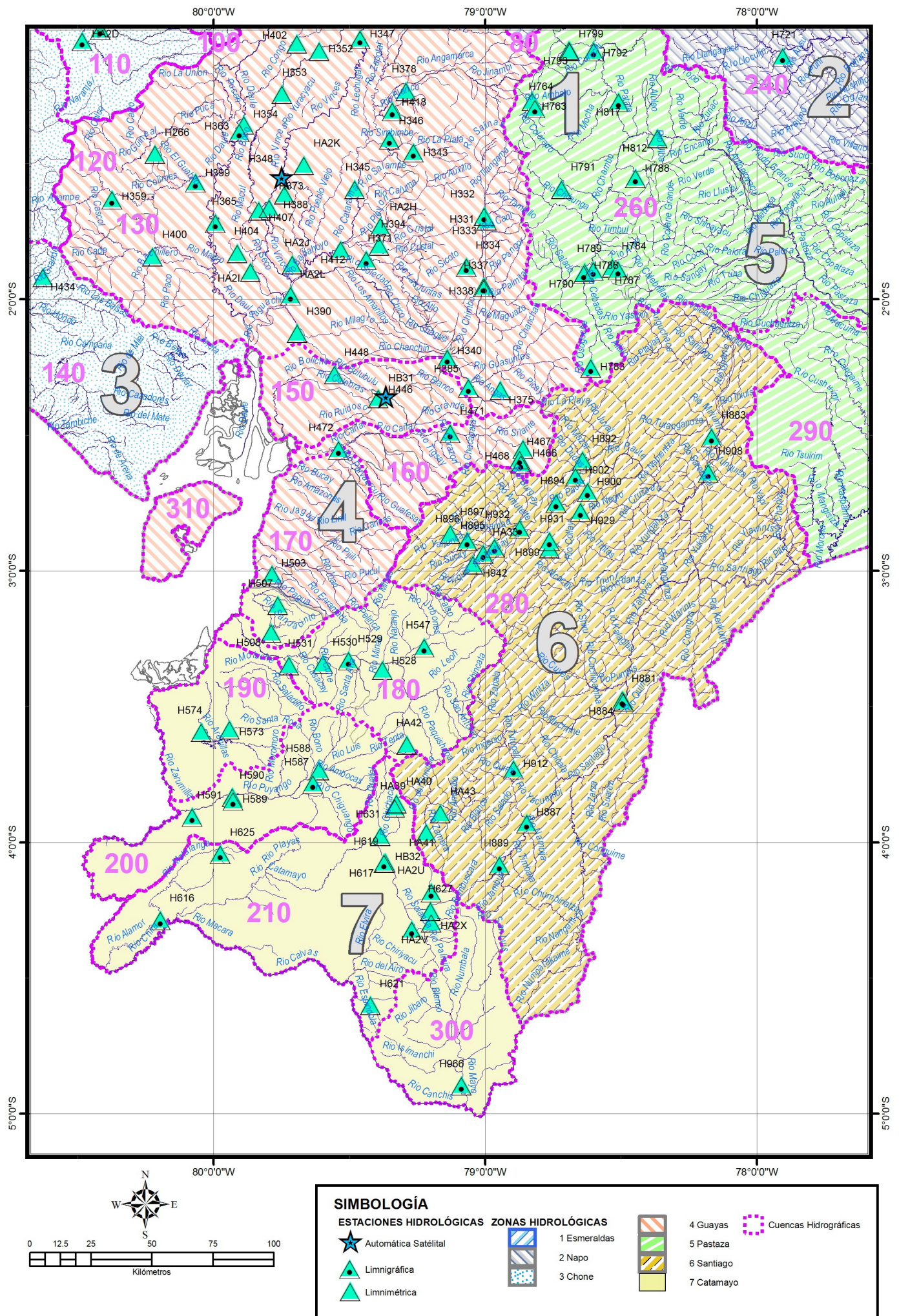
SIMBOLOGÍA

ESTACIONES HIDROLÓGICAS ZONAS HIDROLÓGICAS

- Automática Satelital
- Limnigráfica
- Limnimétrica

- 1 Esmeraldas
- 2 Napo
- 3 Chone

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



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		
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		8/1/1963
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	
H016	APAQUI AJ CHOTA	LG	20	0 °	26 ´	51 ´´	N	77 °	56 ´	5 ´´	W	1715	4	INAMHI	5/6/1980	
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	
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	
H030	CANAL MOLINO(R.PEGUCHE)	LM	20	0 °	13 ´	53 ´´	N	78 °	13 ´	55 ´´	W	2660	10	INAMHI	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	INERHI		
H071	CHAMACHAN	LG	20	0 °	18 ´	19 ´´	N	77 °	58 ´	23 ´´	W	2900	10	INERHI	11/1/1980	
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	
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	
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	
H012	LITA AJ MIRA	LG	20	0 °	50 ´	20 ´´	N	78 °	27 ´	28 ´´	W	505	10	INAMHI	5/1/1978	
H066	MALPASO-BT CANAL PUERMAL	LM	20	0 °	39 ´	18 ´´	N	77 °	58 ´	55 ´´	W	3060	4	INAMHI	11/23/1980	
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	
H027	PEGUCHE EN VERTEDERO	LM	20	0 °	14 ´	3 ´´	N	78 °	13 ´	58 ´´	W	2655	10	INAMHI	11/1/1972	
H070	PISQUE	LM	20	0 °	20 ´	0 ´´	N	77 °	56 ´	0 ´´	W	2100	10	INERHI	1/1/1984	
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	
H051	QDA.PIZAN	LM	20	°	´	´´		°	´	´´			4	INAMHI	9/1/1974	
H035	QDA.PUNYARO EN OTAVALO	LM	20	0 °	13 ´	30 ´´	N	78 °	15 ´	58 ´´	W		10	INAMHI	6/1/1965	
H036	QDA.ROSASPAMBA EN OTAVALO	LM	20	0 °	13 ´	18 ´´	N	78 °	17 ´	15 ´´	W		10	INAMHI	8/1/1965	
H034	QDA.S.FRANCISCO EN OTAVALO	LM	20	0 °	13 ´	22 ´´	N	78 °	17 ´	10 ´´	W		10	INAMHI	8/1/1965	
H050	QDA.S.MARTHA	LM	20	°	´	´´		°	´	´´			4	INAMHI	9/1/1974	
H021	QDA.TUNDAL	LM	20	0 °	30 ´	35 ´´	N	77 °	48 ´	39 ´´	W		4	INAMHI	9/1/1974	
H009	RIO BLANCO IMBABURA	LM	20	0 °	17 ´	52 ´´	N	77 °	54 ´	40 ´´	W	2200	10	INERHI	11/1/1983	
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	
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	
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		
H093	BOBO EN PLTA.ELEC.TULCAN	LM	30	0 °	48 ´	58 ´´	N	77 °	44 ´	55 ´´	W	2880	4	INAMHI	8/1/1965	
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	INERHI		
CUENCA DEL RÍO CAYAPAS																
HR30	CAYAPAS EN PTE. CARRETERA	LM	50	1 °	3 ´	29 ´´	N	78 °	58 ´	49 ´´	W		8	INAMHI	12/19/2003	

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					
H111	CAYAPAS EN TELEMBI	LG	50	0 °	47 ´	0 " N	78 °	56 ´	0 " W		8	INAMHI	4/3/1981	
H29	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	
HA22	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	

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					
H162	TOACHI EN PTE.MAGDALENA	LM	80	0 °	21 ´	52 " S	78 °	59 ´	30 " W	740	17	INAMHI	11/1/1973	
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	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	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	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	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	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	7/1/1962
H278	REPRESA SALAZAR BARRAGAN	LM	110								13	INAMHI	5/1/1967	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	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	
H385	ANGAS AJ CHANCHAN	LG	130	2 °	18 ´	6 " S	79 °	3 ´	45 " W	742	6	INAMHI	10/1/1964	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	11/1/1963
H349	BABAHOYO EN BABAHOYO	LM	130	1 °	47 ´	39 " S	79 °	32 ´	0 " W	9	12	INAMHI	12/1/1963	
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	8/2/1981	
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	
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	12/1/1973
H361	COLIMES AJ DAULE	LG	130	1 °	32 ´	45 " S	80 °	1 ´	56 " W	14	9	INAMHI	9/1/1971	
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	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	2/1/1981
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	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	
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	ECHENDIA EN ECHENDIA	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 BABAHOYO	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 MJ.CALLE INAMHI	LM	150	2 °	20 ' 30 "	S	79 °	23 ' 40 "	W	50	3	INAMHI	12/18/1975	
H450	BULUBULU EN MJ.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	6/10/1976
H470	SAN ANTONIO DJ QDA.YURACYACU	LM	160	2 °	25 ' 35 "	S	78 °	52 ' 15 "	W		3	INAMHI	6/10/1976	
H468	SAN PEDRO EN INGAIRCA	LG	160	2 °	33 ' 55 "	S	78 °	52 ' 27 "	W	2970	3	INAMHI	12/1/1975	
H466	SILANTE EN INGAIRCA	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	°	'	"	°	'	"		9	INERHI	10/6/1979	
H523	BALAO EN HDA.EL RECREO	LM	170	°	'	"	°	'	"		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 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	°	'	"	°	'	"		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	°	'	"	°	'	"		9	INERHI		
H522	JAGUA EN PTE.CARRETERA	LM	170	°	'	"	°	'	"		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	°	'	"	°	'	"	60	7	INAMHI	8/1/1963	8/1/1963
H536	CANAL VALLE(R.JUBONES)	LM	180	°	'	"	°	'	"		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	RIRCAY EN P.ALTO SALTANA	LG	180	3 °	15 ' 30 "	S	79 °	13 ' 32 "	W		1	INAMHI	9/1/1987	
H540	RIRCAY 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	°	'	"	°	'	"		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	°	'	"	°	'	"		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	

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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		
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										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.INTERNAZIONALE	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		10/1/1964
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		10/1/1964
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	2/1/1973
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	5/1/1975
HA2X	YAMBALA	LM	210	4 °	16 ´	25 ´	S	79 °	12 ´	1 ´	W	1596	11	INAMHI	6/1/1981	
H644	YAMBALA EN VILCABAMBA	LM	210	4 °	15 ´	57 ´	S	79 °	10 ´	48 ´	W	1620	11	INERHI	5/1/1985	
CUENCA DEL RÍO 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	
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 RÍO NAPO																
H756	ANTIZANA A LAG.MICACOCOA	LM	240										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	
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 ´	S	77 °	5 ´	2 ´	W	1400	15	INAMHI	4/4/1978	4/1/1974
H730	BOQUERON AJ AZUELA	LM	240	0 °	6 ´	5 ´	N	77 °	57 ´	2 ´	W	3373	17	INERHI	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	11/1/1972
H743	COCA AJ MACHACUYACU	LM	240										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	11/21/1978
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									4055	15	INAMHI		
H739	COCA EN PRESA SALADO	LM	240									1265	15	INAMHI		11/1/1972
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										15	INECEL		
H731	COSANGA AJ QUIJOS	LG	240	0 °	29 ´	30 ´	S	77 °	51 ´	50 ´	W	1740	15	INAMHI	11/1/1970	1/1/1967
H725	EL GOLPE EN AUCACOCOA	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	1/1/1966
H758	LLANDIA EN KM.25 VIA NAPO	LG	240										15	INAMHI	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	6/22/1980
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	9/1/1975
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	4/3/1978
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	6/1/1964
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									1385	15	INAMHI		1635
H737	QUIJOS EN PRESA BORJA	LM	240									1635	15	INAMHI		
H738	QUIJOS EN PRESA CHACO	LM	240									1475	15	INAMHI		
HB22	RIO COCA EN COCA	LM	240	0 °	25 ´	10 ´	S	76 °	59 ´	0 ´	W		0	INAMHI		9/1/1975
H728	SALADO AJ COCA(AJ GUAYTARINGO)	LG	240	0 °	9 ´	10 ´	S	77 °	39 ´	48 ´	W	1480	15	INAMHI	9/1/1975	
H713	SAN PEDRO AJ AZUELA	LM	240	0 °	6 ´	21 ´	N	77 °	57 ´	37 ´	W	3468	17	INERHI	4/1/1	

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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	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W		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 °	42 ' 0 "	S	78 °	32 ' 0 "	W	3150	5	INERHI	5/7/1974	
HA1P	AC.DEL PUEBLO PATATE	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W		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	1 °	24 ' 40 "	S	78 °	41 ' 0 "	W		18	INERHI	4/1/1969	
HA15	AC.MOCHA TISALEO CEVALLOS	LM	260	1 °	24 ' 22 "	S	78 °	41 ' 18 "	W	3460	18	INERHI	9/1/1975	
HA14	AC.OLALLA #1	LM	260	1 °	25 ' 8 "	S	78 °	40 ' 5 "	W	3240	18	INERHI	8/1/1975	
HA11	AC.OLALLA #2	LM	260	1 °	20 ' 11 "	S	78 °	35 ' 19 "	W		18	INERHI	3/1/1983	
HA1O	AC.PACHANLICA	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.RESERVOIRIO DR EN SA.CALLO	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W	2785	5	INERHI	3/15/1972	
HA0L	AC.RESERVOIRIO 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 INDULAC	LM	260	0 °	47 ' 0 "	S	78 °	37 ' 0 "	W	2770	5	INERHI	11/27/1971	
HA0Q	AC.TOMAS MALDONADO-F.ARMCO PAXI	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	ALAEQUEZ AJ CUTUCHI(COL.S.RODR)	LM	260	0 °	54 ' 53 "	S	78 °	37 ' 22 "	W	2700	5	INERHI	11/1/1971	
H947	ALAEQUEZ DJ BARRANCAS TOLUGCHE	LM	260	0 °	49 ' 45 "	S	78 °	32 ' 57 "	W	3205	5	INERHI	7/1/1973	
H874	ALAEQUEZ EN P.CHILLOS(H.COLAYA)	LM	260	0 °	51 ' 3 "	S	78 °	35 ' 14 "	W	3010	5	INERHI	4/1/1973	
H863	ALAEQUEZ 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	1 °	15 ' 51 "	S	78 °	40 ' 11 "	W	2880	18	INAMHI	10/1/1968	
H810	CANAL BUCHELI	LM	260	1 °	12 ' 7 "	S	78 °	39 ' 35 "	W	3310	18	INERHI	10/1/1968	
H805	CANAL CHACON VASCONEZ	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W		18	INAMHI	2/1/1969	
H806	CANAL CISNEROS ALTA	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W		18	INAMHI	2/1/1969	
H804	CANAL CISNEROS BAJA	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W		18	INAMHI	5/1/1963	
H837	CANAL CUMBIJIN OD1(R.YANAYACU)	LM	260	1 °	12 ' 36 "	S	78 °	39 ' 48 "	W	3180	18	INERHI	11/1/1968	
H811	CANAL FERNANDEZ BAJA	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W		18	INAMHI	5/1/1963	
H828	CANAL GALPON MD OD2(YANAYACU)	LM	260	0 °	43 ' 0 "	S	78 °	35 '						

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					
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.CAHUAI	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	GUARGUALA 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	
HB27	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	OZOGOCHE 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 QUILLPACCHA	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	QUILLPACCHA 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	SS						
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	
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	
H868	YANAYACU EN TQ.AG.PT(AJ CUTUCHI)	LM	260	0 °	54 '	48 "	S	78 °	35 '	26 "	W	2590	5	INERHI	2/1/1976	

CUENCA DEL RIO 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. TOMBAMBAMBA	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. TOMBAMBAMBA	LM	280	2 ° 45 ' 0 " S	79 ° 6 ' 0 " W		0	INAMHI		
H933	DELEG AJ BURGAY	LG	280	° °						

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	TOMEBAMBA 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)

**INVENTARIO DE ESTACIONES CON INFORMACIÓN SEDIMENTOLÓGICA
AÑO 2003**

CUENCA	CÓDIGO ESTAC.	ESTACIÓN	PERÍODO	TOTAL AFOROS	AFOROS DEL 2003	OBSERVACIONES
MIRA	H-015	Chota en Pte. Carretera	76-02/03-10	39	2	Con Curva
	H-011	Mira en Lita	78-09/03-10	21	1	Con Curva
ESMERALDAS	H-138	Blanco D.J. Toachi	74-01/03-11	24	2	Con Curva
	H-168	Esmeraldas D.J. Sade	74-01/03-06	26	1	Con Curva
	H-148	Guyallabamba D.J. Pisque	78-03/03-05	40	1	Con Curva
	H-159	San Pedro en Machachi	75-02/03-12	41	2	Con Curva
	H-167	Toachi En Sto. Domingo	84-04/03-10	20	2	Con Curva
GUAYAS	H-340	Chimbo En Bucay	74-08/03-11	74	2	Con Curva
	H-338	Chimbo D.J. Pangor	74-08/03-06	53	1	Con Curva
	H-365	Daule en La Capilla	78-06/03-10	22	2	Con Curva
	H-347	Quevedo en Quevedo	75-04/03-10	60	2	Con Curva
	H-346	Zapotat en Lechugal	78-02/03-11	28	2	Con Curva
CAÑAR	H-471	Cañar D.J. Raura	78-07/03-11	38	2	Con Curva
JUBONES	H-528	Jubones D.J. Minas	74-03/03-12	40	2	Con Curva
	H-530	Jubones en Ushcurrumi	75-06/03-06	34	2	Con Curva
	H-547	Rircay En Pte. Alto Saltana	90-11/03-12	4	1	
ARENILLAS	H-574	Arenillas en Arenillas	74-10/03-10	40	1	Con Curva
PUYANGO - TUMBEZ	H-591	Puyango En Pte. Carretera	77-11/03-12	141	2	Con Curva
CATAMAYO - CHIRA	H-616	Alamor en Saucillo	74-09/03-12	18	2	Con Curva
NAPO	H-727	Jatunyacu D.J. Iloculin	76-05/03-10	74	2	Con Curva
	H-719	Quijos D.J. Oyacachi	74-08/03-12	111	24	Con Curva
	H-718	Quijos En Baeza	74-05/03-12	108	9	Con Curva
PASTAZA	H-792	Cutuchi A.J. Yanayacu	73-01/03-06	36	1	Con Curva
SANTIAGO	H-908	Upano D.J. Tutanangoza	76-03/03-12	34	1	Con Curva
	H-889	Zamora D.J. Sabanilla	74-05/03-12	106	1	Con Curva
	H-884	Zamora A.J. Bomboiza	77-06/03-12	78	1	Con Curva



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