



REPÚBLICA DEL ECUADOR
MINISTERIO DE ENERGÍA Y MINAS

**INSTITUTO NACIONAL DE
METEOROLOGÍA E HIDROLOGÍA**

ANUARIO HIDROLÓGICO 2002

Nº. 40
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 limnígrafo, 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	68
H013	BLANCO AJ MIRA	LG	20	78° 16' 28" W	0° 45' 42" N	890	4	INAMHI	13	69
H015	CHOTA EN PTE.CARRETERA	LG	20	78° 4' 25" W	0° 28' 48" N	1515	4	INAMHI	14	70
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	71
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	72
H042	VERTEDERO #2	LM	20	78° 23' 45" W	0° 16' 50" N		10	INAMHI	16	
H043	VERTEDERO #3	LM	20	78° 24' 4" W	0° 15' 43" N	3180	10	INAMHI	17	
H045	APAQUI DJ MINAS	LG	20	77° 46' 55" W	0° 32' 32" N	2650	4	INAMHI	17	73
H091	GRANDE AJ JATIVA	LG	30	77° 50' 50" W	0° 48' 18" N	3120	4	INAMHI	18	74
H138	BLANCO DJ TOACHI(PTE.UNICOOP)	LM	80	79° 16' 47" W	0° 5' 2" S		17	INAMHI	18	75
H143	GRANOBLES AJ GUACHALA	LG	80	78° 10' 0" W	0° 1' 33" N	2750	17	INAMHI	19	76
H148	GUAYLLABAMBA DJ PISQUE	LG	80	78° 24' 18" W	0° 0' 56" N	1690	17	INAMHI	19	
H156	PILATON AJ TOACHI	LG	80	78° 55' 52" W	0° 18' 37" S	890	17	INAMHI	20	77
H158	PITA AJ SALTO	LG	80	78° 25' 26" W	0° 34' 15" S	3550	17	INAMHI	20	78
H159	SAN PEDRO EN MACHACHI	LG	80	78° 32' 34" W	0° 28' 25" S	2680	17	INAMHI	21	79
H161	TOACHI AJ PILATON	LG	80	78° 57' 5" W	0° 18' 56" S	820	17	INAMHI	21	80
H166	TOACHI EN LAS PAMPAS	LG	80	79° 56' 58" W	0° 26' 23" S	1110	5	INAMHI	22	81
H167	TOACHI EN S.D.DE LOS COLORADO	LG	80	79° 7' 40" W	0° 14' 42" S		17	INAMHI	22	82
H168	ESMERALDAS DJ SADE	LG	80	79° 24' 55" W	0° 31' 24" N	50	8	INAMHI	23	83
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	84
H173	TEAONE AJ ESMERALDAS	LG	80	79° 41' 29" W	0° 55' 35" N		8	INAMHI	24	
H188	PILATON D.J. CHITOA (EN LA ESPERANZA)	LM	80	78° 50' 36" W	0° 20' 46" S		17	INAMHI	25	85
H216	BUA AJ QUINIUNDE	LG	80	79° 35' 59" W	0° 1' 15" S		17	INAMHI	25	86
H229	CARRIZAL EN CALCETA	LG	100	80° 9' 40" W	0° 50' 42" S	20	13	INAMHI	26	87
H233	JUNIN DJ EST.PALMAR	LG	100	80° 11' 0" W	0° 54' 17" S	20	13	INAMHI	26	88
H326	BABA DJ TOACHI-DCP	AU	130	79° 23' 5" W	0° 39' 50" S	100	12	INAMHI	27	89
H329	PILALO EN LA ESPERANZA	LM	130	79° 5' 10" W	0° 51' 45" S	920	5	INAMHI	27	
H331	CHIMBO EN SAN LORENZO	LG	130	79° 0' 16" W	1° 40' 11" S	2400	2	INAMHI	28	90
H332	CANAL CHIMBO EN SAN LORENZO	LM	130	79° 0' 15" W	1° 40' 11" S	2400	2	INAMHI	28	
H333	SAN LORENZO EN SAN LORENZO	LM	130	78° 59' 44" W	1° 41' 13" S	2470	2	INAMHI	29	91
H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)	LG	130	79° 4' 14" W	1° 51' 27" S	2100	2	INAMHI	29	92
H337	PANGOR AJ CHIMBO	LG	130	79° 0' 10" W	1° 55' 55" S	1480	2	INAMHI	30	93
H338	CHIMBO DJ PANGOR	LG	130	79° 0' 27" W	1° 55' 56" S	1452	2	INAMHI	30	
H340	CHIMBO EN BUCAY	LG	130	79° 8' 25" W	2° 11' 39" S	297	9	INAMHI	31	94
H345	ZAPOTAL EN CATARAMA(CATARAMA)	LM	130	79° 28' 56" W	1° 34' 15" S	40	12	INAMHI	31	
H346	ZAPOTAL EN LECHUGAL	LG	130	79° 21' 15" W	1° 23' 15" S	18	12	INAMHI	32	95
H348	VINCES EN VINCES-DCP	AU	130	79° 45' 2" W	1° 32' 57" S	41	12	INAMHI	32	96
H353	MACUL EN HDA.BRASILIA	LM	130	79° 45' 0" W	1° 13' 14" S	40	9	INAMHI	33	
H354	DAULE EN LA LINDA	LM	130	79° 53' 24" W	1° 20' 2" S	8	9	INAMHI	33	
H359	PAJAN EN AGUA FRIA	LG	130	80° 22' 31" W	1° 36' 30" S		13	INAMHI	34	97
H363	DAULE EN BALZAR	LG	130	79° 54' 24" W	1° 21' 38" S	30	9	INAMHI	34	98
H365	DAULE EN LA CAPILLA	LG	130	79° 59' 44" W	1° 41' 45" S	13	9	INAMHI	35	99
H371	SAN PABLO EN PALMAR	LG	130	79° 26' 20" W	1° 49' 55" S	10	12	INAMHI	35	100
H373	VERNAZA DD VINCES	LM	130	79° 47' 48" W	1° 38' 26" S	16	9	INAMHI	36	
H375	CHANCHAN DJ HUATAXI	LM	130	78° 56' 42" W	2° 18' 40" S		6	INAMHI	36	101
H378	LAS JUNTAS DJ SINDE(UMBE DJ PINO)	LM	130	79° 17' 35" W	1° 12' 35" S	150	2	INAMHI	37	
H385	ANGAS AJ CHANCHAN	LG	130	79° 3' 45" W	2° 18' 6" S	742	6	INAMHI	37	102
H388	NUEVO DD VINCES	LM	130	79° 44' 27" W	1° 35' 29" S	19	9	INAMHI	38	
H390	CHIMBO AJ MILLAGRO INAMHI	LM	130	79° 41' 37" W	2° 6' 5" S	30	9	INAMHI	38	
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	
H415	SAN PABLO EN LA MANA	LG	130	79° 13' 24" W	0° 56' 17" S	238	5	CEDEGE	41	
H418	SUQUIBI AJ NAVES	LG	130	79° 20' 37" W	1° 17' 0" S		2	CEDEGE	42	
H434	VALDIVIA EN EL SUSPIRO	LM	140	80° 37' 47" W	1° 53' 43" S		9	INAMHI	42	
H466	SILANTE EN INGAPIRCA	LM	160	78° 51' 45" W	2° 31' 38" S		3	INAMHI	43	103
H503	TENGUEL EN TENGUEL	LM	170	79° 47' 13" W	2° 59' 26" S	10	9	INAMHI	43	104
H528	JUBONES DJ MINAS	LM	180	79° 22' 48" W	3° 20' 35" S	908	7	INAMHI	44	105
H530	JUBONES EN USHCURRUMI	LM	180	79° 35' 55" W	3° 19' 11" S	230	1	INAMHI	44	106
H531	CASACAY AJ JUBONES	LM	180	79° 43' 24" W	3° 19' 32" S	110	7	INAMHI	45	
H547	RIRCAJ EN P.ALTO SALTANA	LG	180	79° 13' 32" W	3° 15' 30" S		1	INAMHI	45	
H573	SANTA ROSA EN EL VADO	LM	190	79° 56' 35" W	3° 33' 45" S	80	7	INAMHI	46	107
H574	ARENILLAS EN ARENILLAS	LM	190	80° 2' 47" W	3° 34' 16" S	60	7	INAMHI	46	108
H587	PINDO AJ AMARILLO	LG	200	79° 38' 8" W	3° 45' 43" S	563	7	INAMHI	47	109
H588	AMARILLO EN PORTOVELO	LM	200	79° 36' 45" W	3° 42' 44" S	660	7	INAMHI	47	
H589	PUYANGO AJ MARCABELI	LG	200	79° 55' 47" W	3° 49' 27" S	360	7	INAMHI	48	
H590	MARCABELI AJ PUYANGO	LM	200	79° 55' 55" W	3° 48' 37" S	450	7	INAMHI	48	
H591	PUYANGO EN CPTO.MILITAR (PTE.C)	LG	200	80° 4' 47" W	3° 53' 0" S	300	7	INAMHI	49	110
H616	ALAMOR EN SAUCILLO(DJ CELICA)	LG	210	80° 11' 53" W	4° 15' 50" S	299	11	INAMHI	49	111

CODIGO	ESTACIÓN	TIPO	CUENCA	LONGITUD	LATITUD	ELEVACIÓN (m)	PROVINCIA	INSTITUCIÓN	Cuadro Niveles	Cuadro Caudales
H621	JORUPE EN AMALUZA	LM	210	79° 25' 26" W	4° 34' 41" S	1655	11	INAMHI	50	
H625	ALAMOR EN PTE.MERCADILLO	LG	210	79° 58' 34" W	4° 1' 16" S	1080	11	INAMHI	50	112
H627	UCHIMA AJ CHAMBA	LM	210	79° 12' 13" W	4° 13' 49" S	1544	11	INAMHI	51	113
H719	QUIJOS DJ OYACACHI	LG	240	77° 46' 30" W	0° 18' 10" S	1490	15	INAMHI	51	114
H720	MISAHUALLI EN COTUNDO	LG	240	77° 47' 4" W	0° 50' 30" S	800	15	INAMHI	52	115
H722	YANAHURCO DJ VALLE	LG	240	78° 16' 52" W	0° 41' 30" S	3590	15	INAMHI	52	116
H731	COSANGA AJ QUIJOS	LG	240	77° 51' 50" W	0° 29' 30" S	1740	15	INAMHI	53	117
H763	QDA.MULA CORRAL AJ CALAMACA	LM	260	78° 49' 41" W	1° 14' 49" S		18	INAMHI	53	118
H764	CALAMACA DJ Q.HUARCUSACHA	LG	260	78° 49' 2" W	1° 16' 21" S	3440	18	INAMHI	54	119
H783	OZOGOCHE EN LOS LAGOS	LG	260	78° 36' 45" W	2° 13' 45" S	3715	6	INAMHI	54	120
H787	ALAO EN HDA.ALAO	LG	260	78° 30' 40" W	1° 52' 11" S	3200	6	INAMHI	55	121
H790	CEBADAS AJ GUAMOTE	LG	260	78° 38' 18" W	1° 53' 0" S	2840	6	INAMHI	55	122
H791	BALSACON EN SAN ANDRES	LM	260	78° 43' 14" W	1° 34' 15" S	3000	6	INAMHI	56	123
H792	CUTUCHI AJ YANAYACU	LG	260	78° 36' 7" W	1° 3' 41" S	2692	5	INAMHI	56	124
H887	YACUAMBI AJ ZAMORA	LG	280	78° 50' 52" W	3° 54' 26" S	890	19	INAMHI	57	125
H894	PAUTE EN PAUTE(DJ GUALACEO)	LG	280	78° 44' 25" W	2° 43' 35" S	2150	1	INAMHI	57	126
H895	TOMBAMBA EN MONAY	LG	280	78° 57' 59" W	2° 53' 29" S	2480	1	INAMHI	58	127
H896	MATADERO EN SAYAUSI	LG	280	79° 4' 0" W	2° 52' 1" S	2645	1	INAMHI	58	128
H897	SURUCUCHO AJ LLULLUCCHAS	LM	280	79° 7' 45" W	2° 50' 27" S	2980	1	INAMHI	59	129
H900	PAUTE AJ DUDAS	LG	280	78° 37' 29" W	2° 41' 10" S	2000	1	INAMHI	59	130
H912	YACUAMBI EN LA PAZ	LG	280	78° 53' 48" W	3° 42' 30" S	940	19	INAMHI	60	131
H929	COLLAY AJ PAUTE	LG	280	78° 38' 59" W	2° 45' 30" S	2110	1	INAMHI	60	
HA2H	CLEMENTINA EN CLEMENTINA	LM	140	79° 23' 17" W	1° 42' 27" S		12	INAMHI	61	
HA2I	LOS TINTOS EN J.B. AGUIRRE	LM	140	79° 51' 54" W	1° 52' 30" S		9	INAMHI	61	
HA2K	ABRAS DE MANTEQUILLA	LM	140	79° 40' 8" W	1° 28' 55" S		12	INAMHI	62	
HA2L	SAMBORONDON EN SAMBORONDO	LG	140	79° 43' 6" W	1° 57' 42" S		9	INAMHI	62	
HA2U	CAMPANA-MALACATOS	LG	210	79° 12' 2" W	4° 9' 42" S	1678	11	INAMHI	63	
HA2V	MOYOCOCHA	LG	210	79° 16' 16" W	4° 18' 1" S	1455	11	INAMHI	63	
HA2X	YAMBALA	LM	210	79° 12' 1" W	4° 16' 25" S	1596	11	INAMHI	64	
HA39	CHUQUIRIBAMBA	LM	210	79° 20' 0" S	3° 51' 1" S		11	PREDESUR	64	
HA40	PORDEL	LM	210	79° 19' 40" W	3° 50' 2" S		11	PREDESUR	65	
HA41	LAS LAGRIMAS - RIO ZAMORA	LM	280	79° 13' 7" W	3° 56' 32" S		19	PREDESUR	65	
HA42	LLACO JARATENTA	LM	180	79° 17' 26" W	3° 37' 4" S		11	PREDESUR	66	
HA43	RIO JUMBILLA EN ZAMORA	LM	280	79° 9' 58" W	3° 52' 15" S		19	PREDESUR	66	
HB15	CHALPATAN	LG	20	77° 48' 59" W	0° 43' 46" N	3268	0	INAMHI	67	

NIVELES MEDIOS DIARIOS (cm)

2002

MIRA EN LITA													
H011	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	145 *	185 *	155 *	157 *	289 *	167 *	269 *	165 *	116 *	123 *	223 *	155 *
	2	185 *	165 *	135 *	169 *	279 *	158 *	288 *	133 *	114 *	122 *	194 *	146 *
	3	315 *	185 *	135 *	156 *	221 *	198 *	199 *	143 *	113 *	113 *	244 *	142 *
	4	250 *	285 *	145 *	179 *	188 *	237 *	186 *	132 *	135 *	112 *	202 *	142 *
	5	185 *	215 *	155 *	168 *	295 *	229 *	175 *	144 *	124 *	92 *	158 *	158 *
	6	215 *	225 *	135 *	179 *	193 *	214 *	169 *	120 *	116 *	89 *	134 *	237 *
	7	235 *	185 *	205 *	208 *	184 *	197 *	158 *	124 *	123 *	92 *	118 *	188 *
	8	285 *	200 *	415 *	158 *	179 *	165 *	146 *	163 *	122 *	93 *	223 *	187 *
	9	145 *	165 *	335 *	169 *	176 *	157 *	159 *	162 *	222 *	84 *	184 *	198 *
	10	285 *	225 *	165 *	167 *	187 *	212 *	168 *	153 *	223 *	83 *	195 *	201 *
	11	225 *	155 *	162 *	209 *	196 *	234 *	179 *	142 *	196 *	85 *	193 *	165 *
	12	285 *	145 *	161 *	169 *	179 *	298 *	186 *	132 *	122 *	98 *	165 *	179 *
	13	255 *	135 *	159 *	196 *	175 *	288 *	184 *	129 *	113 *	93 *	155 *	182 *
	14	185 *	145 *	146 *	208 *	189 *	260 *	177 *	128 *	162 *	192 *	186 *	315 *
	15	175 *	135 *	143 *	164 *	195 *	194 *	164 *	136 *	95 *	114 *	198 *	328 *
	16	185 *	125 *	138 *	162 *	188 *	185 *	179 *	172 *	94 *	122 *	156 *	305 *
	17	285 *	115 *	134 *	158 *	291 *	298 *	165 *	168 *	92 *	124 *	168 *	294 *
	18	175 *	135 *	146 *	178 *	199 *	266 *	158 *	134 *	93 *	113 *	173 *	257 *
	19	175 *	145 *	144 *	159 *	188 *	239 *	159 *	122 *	92 *	122 *	159 *	195 *
	20	175 *	135 *	139 *	381 *	158 *	193 *	155 *	113 *	101 *	134 *	158 *	338 *
	21	165 *	125 *	165 *	258 *	283 *	188 *	154 *	122 *	112 *	174 *	153 *	288 *
	22	185 *	135 *	163 *	195 *	250 *	177 *	149 *	117 *	113 *	192 *	166 *	175 *
	23	165 *	145 *	156 *	189 *	198 *	175 *	146 *	132 *	88 *	229 *	163 *	162 *
	24	145 *	155 *	148 *	292 *	186 *	169 *	141 *	143 *	73 *	225 *	154 *	207 *
	25	155 *	135 *	169 *	291 *	199 *	156 *	152 *	122 *	99 *	203 *	142 *	203 *
	26	165 *	155 *	146 *	389 *	188 *	149 *	185 *	114 *	118 *	202 *	132 *	206 *
	27	145 *	200 *	134 *	283 *	133 *	158 *	158 *	113 *	125 *	198 *	134 *	178 *
	28	155 *	215 *	133 *	382 *	97 *	156 *	164 *	126 *	123 *	213 *	130 *	165 *
	29	165 *		132 *	289 *	80 *	147 *	152 *	118 *	119 *	212 *	162 *	152 *
	30	145 *		146 *	269 *	58 *	139 *	183 *	116 *	116 *	222 *	152 *	147 *
	31	155 *		153 *		89 *		175 *	123 *		232 *		144 *
Nivel Max.		320 *	290 *	420 *	399 *	296 *	328 *	288 *	172 *	223 *	232 *	245 *	338 *
Día		3	4	8	26	5	19	2	16	10	31	3	20
Hora		7	7	7	7	7	16	7	7	7	7	7	7
Nivel Min.		140 *	110 *	130 *	155 *	52 *	138 *	138 *	112 *	72 *	82 *	117 *	141 *
Día		9	17	2	3	30	30	24	20	24	10	7	3
Hora		16	16	16	16	16	16	16	16	16	16	16	16
Nivel Medio		197	167	164	217	190	200	173	134	121	145	169	204

NOTA: * DATOS LIMNIMETRICOS

2002

H013 BLANCO AJ MIRA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	166 *	101 *	151 *							84 *	82 *	83 *
2	161 *	102 *	160 *							84 *	80 *	83 *
3	151 *	105 *	172 *							84 *	84 *	80 *
4	141 *	110 *	150 *							84 *	81 *	83 *
5	120 *	135 *	145 *							83 *	91 *	85 *
6	110 *	112 *	194 *							83 *	92 *	88 *
7	101 *	121 *	123 *							83 *	90 *	90 *
8	120 *	110 *	110 *							83 *	87 *	88 *
9	130 *	110 *	101 *							84 *	94 *	120 *
10	162 *	121 *	132 *							83 *	87 *	112 *
11	175 *	122 *	110 *							83 *	82 *	108 *
12	183 *	104 *	204 *							83 *	82 *	96 *
13	161 *	100 *	190 *							83 *	82 *	87 *
14	174 *	135 *	182 *							83 *	84 *	84 *
15	152 *	152 *	200 *							83 *	84 *	79 *
16	144 *	141 *	171 *							83 *	74 *	85 *
17	114 *	111 *	110 *							83 *	83 *	111 *
18	113 *	120 *	121 *							73 *	77 *	100 *
19	142 *	121 *	112 *							81 *	74 *	100 *
20	101 *	113 *	110 *							74 *	75 *	100 *
21	133 *	130 *	114 *							78 *	83 *	101 *
22	112 *	121 *	115 *							83 *	84 *	101 *
23	101 *	114 *	113 *							88 *	84 *	200 *
24	130 *	120 *	123 *							120 *	84 *	140 *
25	120 *	141 *	135 *							101 *	84 *	120 *
26	140 *	125 *	151 *							94 *	84 *	115 *
27	115 *	130 *	180 *							98 *	84 *	130 *
28	153 *	113 *	183 *							93 *	84 *	135 *
29	144 *		204 *							93 *		100 *
30	120 *		191 *							103 *		101 *
31	102 *		200 *							112 *		100 *
Nivel Max.	183 *	152 *	204 *							120 *		200 *
Día	12	15	vv							24		23
Hora	7	7								7		7
Nivel Mín.	101 *	100 *	101 *							72 *		73 *
Día	vv	13	9							21		3
Hora		17	17							7		7
Nivel Medio	135	119	150							87	83	103

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H015	CHOTA EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	169 *	154 *	197 *	185 *	118 *	134 *	115 *	156 *	154 *	132 *	137 *	132 *
2	144 *	160 *	162 *	190 *	128 *	129 *	164 *	156 *	155 *	132 *	137 *	132 *
3	166 *	201 *	205 *	160 *	172 *	125 *	122 *	146 *	113 *	133 *	140 *	133 *
4	191 *	185 *	228 *	141 *	124 *	178 *	103 *	172 *	113 *	113 *	139 *	113 *
5	200 *	135 *	297 *	152 *	124 *	149 *	140 *	182 *	156 *	113 *	143 *	114 *
6	183 *	150 *	186 *	164 *	126 *	113 *	135 *	178 *	125 *	112 *	153 *	112 *
7	159 *	166 *	150 *	187 *	150 *	123 *	115 *	140 *	122 *	148 *	132 *	148 *
8	162 *	159 *	145 *	181 *	165 *	139 *	119 *	155 *	117 *	137 *	135 *	139 *
9	150 *	151 *	145 *	188 *	135 *	124 *	128 *	142 *	123 *	135 *	143 *	135 *
10	146 *	166 *	197 *	201 *	135 *	155 *	117 *	136 *	177 *	125 *	165 *	130 *
11	112 *	151 *	164 *	143 *	135 *	172 *	141 *	154 *	168 *	125 *	148 *	126 *
12	105 *	163 *	166 *	129 *	150 *	157 *	148 *	127 *	141 *	140 *	146 *	140 *
13	107 *	160 *	187 *	136 *	181 *	155 *	150 *	155 *	144 *	157 *	161 *	157 *
14	128 *	156 *	175 *	126 *	164 *	148 *	200 *	164 *	112 *	154 *	195 *	156 *
15	156 *	137 *	139 *	165 *	154 *	125 *	227 *	150 *	115 *	144 *	184 *	144 *
16	183 *	138 *	112 *	155 *	130 *	157 *	228 *	147 *	124 *	144 *	154 *	145 *
17	164 *	144 *	113 *	152 *	118 *	169 *	185 *	140 *	112 *	123 *	141 *	123 *
18	131 *	150 *	200 *	129 *	135 *	169 *	185 *	135 *	112 *	129 *	169 *	129 *
19	142 *	146 *	207 *	130 *	130 *	169 *	230 *	143 *	124 *	149 *	146 *	149 *
20	156 *	155 *	186 *	175 *	126 *	181 *	255 *	167 *	113 *	149 *	163 *	149 *
21	167 *	116 *	165 *	187 *	118 *	161 *	187 *	171 *	107 *	115 *	199 *	115 *
22	143 *	122 *	162 *	159 *	128 *	134 *	145 *	141 *	119 *	115 *	191 *	118 *
23	144 *	124 *	178 *	164 *	151 *	135 *	126 *	146 *	119 *	124 *	189 *	124 *
24	130 *	121 *	145 *	155 *	171 *	148 *	156 *	163 *	113 *	124 *	172 *	124 *
25	134 *	135 *	171 *	164 *	144 *	114 *	122 *	162 *	133 *	134 *	145 *	154 *
26	136 *	132 *	157 *	157 *	163 *	162 *	125 *	175 *	143 *	135 *	132 *	155 *
27	143 *	218 *	119 *	174 *	157 *	125 *	125 *	168 *	143 *	136 *	155 *	136 *
28	142 *	239 *	124 *	230 *	151 *	113 *	145 *	155 *	136 *	123 *	131 *	123 *
29	145 *		116 *	224 *	131 *	117 *	164 *	172 *	153 *	130 *	169 *	130 *
30	164 *		162 *	179 *	112 *	112 *	205 *	142 *	177 *	138 *	171 *	138 *
31					145 *			114 *		119 *		139 *
Nivel Max.		288 *		335 *	198 *	205 *		214 *	197 *	159 *	208 *	195 *
Día		3		29	12	18		5	10	27	20	25
Hora		17		7	17	17		17	7	7	17	17
Nivel Min.		104 *		108 *	102 *	107 *		107 *	102 *	112 *	102 *	112 *
Día		24		13	12	24		9	20	6	19	6
Hora		7		17	7	7		17	7	17	7	17
Nivel Medio	150	155	169	166	141	143	157	153	132	132	156	134

NOTA: * DATOS LIMNIMETRICOS

2002

H016	APAQUI AJ CHOTA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	172 *	203 *	164 *	184 *	195 *			207 *	180 *	166 *	202 *	
2	172 *	187 *	166 *	195 *	195 *			197 *	178 *	167 *	201 *	176 *
3	169 *	180 *	167 *	184 *	182 *			195 *	203 *	166 *	206 *	177 *
4	167 *	174 *	168 *	176 *	180 *			220 *	210 *	166 *	201 *	176 *
5	163 *	175 *	167 *	177 *	184 *			200 *	189 *	166 *	198 *	173 *
6	163 *	173 *	166 *	169 *	211 *			191 *	181 *	171 *	214 *	175 *
7	170 *	170 *	164 *	170 *	210 *			209 *	181 *	169 *	218 *	174 *
8	173 *	167 *	166 *	204 *	200 *			238 *	181 *	166 *	207 *	177 *
9	176 *	162 *	166 *	173 *	201 *			233 *	186 *	166 *	196 *	201 *
10	173 *	162 *	165 *	173 *	197 *			224 *	183 *	171 *	197 *	188 *
11	170 *	161 *	164 *	172 *	201 *			215 *	182 *	170 *	191 *	187 *
12	168 *	162 *	164 *	171 *	221 *			206 *	185 *	170 *	187 *	178 *
13	181 *	161 *	165 *	167 *	221 *			206 *	178 *	170 *	193 *	176 *
14	173 *	159 *	163 *	164 *	199 *			208 *	175 *	169 *	186 *	177 *
15	171 *	157 *	162 *	162 *	206 *			235 *	174 *	169 *	185 *	178 *
16	170 *	156 *	161 *	161 *	192 *			234 *	173 *	173 *	186 *	206 *
17	166 *	157 *	160 *	160 *	190 *			225 *	174 *	172 *	186 *	217 *
18	164 *	158 *	160 *	160 *	185 *			212 *	174 *	172 *	186 *	194 *
19	163 *	163 *	158 *	160 *	183 *			202 *	175 *	170 *	187 *	201 *
20	162 *	163 *	159 *	162 *	181 *			195 *	179 *	172 *	184 *	189 *
21	163 *	163 *	161 *	165 *	176 *			204 *	174 *	174 *	184 *	210 *
22	163 *	162 *	162 *	165 *	175 *			198 *	171 *	177 *	192 *	196 *
23	163 *	171 *	164 *	179 *	171 *			202 *	169 *	182 *	215 *	184 *
24	180 *	177 *	165 *	172 *	171 *			200 *	170 *	181 *	190 *	182 *
25	184 *	181 *	163 *	180 *	171 *			192 *	175 *	180 *	186 *	181 *
26	182 *	169 *	162 *	204 *	176 *			192 *	175 *	176 *	183 *	189 *
27	181 *		160 *	188 *	175 *			191 *	174 *	182 *	184 *	186 *
28	187 *		161 *	194 *	174 *			193 *	173 *	187 *	195 *	181 *
29	186 *		190 *	193 *	174 *			184 *	172 *	223 *	192 *	179 *
30	184 *		183 *	194 *	178 *			181 *	169 *	209 *	185 *	177 *
31	186 *		184 *		184 *			179 *		202 *		177 *
Nivel Max.	194 *		192 *	211 *	239 *			256 *	215 *	228 *	219 *	
Día	25		29	27	12			15	4	29	7	
Hora	18		7	18	18			18	7	7	18	
Nivel Min.	161 *		157 *	159 *	170 *			178 *	168 *	165 *	182 *	
Día	20		19	17	25			31	23	5	26	
Hora	18		18	18	18			18	18	18	18	
Nivel Medio	172	168	165	176	189			205	179	176	194	185

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

H017	APAQUI D GRUTA LA PAZ #3											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	30 *	29 *	16 *	31 *	28 *	33 *		58 *	65 *	25 *	37 *	30 *
2	20 *	25 *	16 *	55 *	43 *	36 *		54 *	63 *	23 *	41 *	27 *
3	25 *	20 *	18 *	33 *	53 *	31 *		50 *	55 *	23 *	58 *	24 *
4	19 *	20 *	18 *	27 *	61 *	44 *		73 *	53 *	19 *	44 *	21 *
5	23 *	18 *	17 *	29 *	73 *	45 *		53 *	43 *	23 *	49 *	20 *
6	19 *	17 *	16 *	30 *	43 *	53 *		43 *	43 *	23 *	50 *	58 *
7	18 *	18 *	14 *	44 *	58 *	63 *		93 *	60 *	26 *	63 *	55 *
8	23 *	16 *	10 *	54 *	50 *	53 *		125 *	55 *	19 *	60 *	49 *
9	22 *	16 *	10 *	56 *	50 *	73 *		105 *	43 *	20 *	47 *	43 *
10	25 *	18 *	11 *	48 *	64 *	33 *		88 *	45 *	20 *	38 *	30 *
11	25 *	20 *	11 *	29 *	59 *	48 *		83 *	59 *	18 *	33 *	20 *
12	23 *	18 *	14 *	24 *	54 *	53 *		103 *	63 *	19 *	43 *	20 *
13	19 *	19 *	15 *	21 *	49 *	63 *		93 *	85 *	20 *	55 *	27 *
14	17 *	18 *	16 *	17 *	46 *	73 *		133 *	63 *	19 *	33 *	36 *
15	16 *	16 *	16 *	15 *	55 *	73 *		135 *	73 *	17 *	53 *	48 *
16	18 *	18 *	17 *	12 *	64 *	33 *		100 *	56 *	16 *	45 *	53 *
17	17 *	24 *	19 *	15 *	54 *	33 *		70 *	43 *	24 *	45 *	65 *
18	17 *	19 *	18 *	15 *	40 *	43 *		53 *	48 *	22 *	45 *	63 *
19	17 *	19 *	23 *	12 *	38 *	53 *		53 *	63 *	20 *	33 *	71 *
20	17 *	18 *	18 *	10 *	40 *	83 *		63 *	73 *	20 *	28 *	64 *
21	19 *	19 *	16 *	10 *	53 *	78 *		58 *	63 *	28 *	29 *	60 *
22	24 *	21 *	17 *	10 *	58 *	73 *		53 *	73 *	26 *	27 *	43 *
23	28 *	23 *	15 *	38 *	43 *	85 *	29 *	53 *	85 *	25 *	26 *	33 *
24	28 *	22 *	12 *	29 *	43 *	63 *	45 *	59 *	63 *	24 *	25 *	65 *
25	59 *	28 *	10 *	54 *	48 *	73 *	96 *	53 *	93 *	21 *	26 *	64 *
26	27 *	19 *	12 *	59 *	28 *	78 *	83 *	50 *	68 *	25 *	25 *	53 *
27	50 *	21 *	15 *	68 *	25 *	63 *	74 *	54 *	43 *	23 *	24 *	73 *
28	39 *	17 *	22 *	48 *	20 *	53 *	100 *	43 *	48 *	26 *	23 *	38 *
29	38 *		29 *	51 *	35 *	90 *	95 *	50 *	73 *	48 *	24 *	53 *
30	36 *		20 *	43 *	48 *	95 *	100 *	63 *	80 *	50 *	24 *	35 *
31	33 *		27 *		63 *		63 *	63 *		58 *		48 *
Nivel Max.	60 *	30 *	30 *	70 *	75 *	95 *		140 *	95 *	60 *	68 *	75 *
Día	25	1	31	27	5	30		15	25	29	7	27
Hora	18	6	6	6	17	6		18	18	6	6	6
Nivel Min.	15 *	16 *	10 *	10 *	20 *	30 *		40 *	40 *	15 *	22 *	20 *
Día	5	vv	vv	vv	28			6	5	16	28	vv
Hora	6				7	6		6	6	18	18	
Nivel Medio	25	20	16	33	48	59		72	61	25	38	45

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H024	BLANCO EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	56 *	60 *	65 *	55 *			55 *	52 *	52 *	56 *	55 *
2	55 *	56 *	60 *	60 *	55 *			55 *	52 *	52 *	56 *	55 *
3	55 *	56 *	60 *	60 *	55 *			55 *	52 *	52 *	56 *	55 *
4	55 *	56 *	60 *	60 *	55 *			55 *	52 *	52 *	56 *	56 *
5	55 *	56 *	60 *	60 *	55 *			55 *	52 *	51 *	56 *	56 *
6	55 *	56 *	60 *	60 *	56 *			55 *	52 *	51 *	56 *	58 *
7	55 *	56 *	58 *	60 *	56 *			55 *	52 *	51 *	55 *	58 *
8	55 *	56 *	58 *	60 *	56 *			55 *	52 *	51 *	55 *	58 *
9	55 *	56 *	58 *	58 *	56 *			55 *	52 *	51 *	55 *	57 *
10	55 *	56 *	58 *	58 *	56 *			55 *	52 *	52 *	55 *	56 *
11	55 *	56 *	58 *	58 *	56 *			55 *	52 *	53 *	55 *	57 *
12	55 *	56 *	58 *	58 *	56 *			55 *	52 *	53 *	55 *	58 *
13	55 *	56 *	55 *	58 *	56 *			55 *	52 *	53 *	55 *	58 *
14	55 *	56 *	55 *	58 *	56 *			55 *	52 *	53 *	55 *	58 *
15	55 *	56 *	55 *	58 *	56 *			54 *	52 *	53 *	55 *	58 *
16	55 *	56 *	55 *	58 *	56 *			53 *	52 *	54 *	55 *	58 *
17	55 *	55 *	55 *	58 *	55 *			52 *	52 *	55 *	55 *	57 *
18	55 *	55 *	55 *	58 *	55 *			52 *	52 *	55 *	55 *	57 *
19	53 *	55 *	55 *	58 *	55 *			52 *	52 *	55 *	55 *	57 *
20	50 *	55 *	58 *	56 *	55 *			52 *	52 *	55 *	55 *	57 *
21	50 *	55 *	58 *	56 *	55 *			52 *	52 *	55 *	55 *	57 *
22	50 *	55 *	58 *	56 *	55 *			52 *	52 *	55 *	55 *	57 *
23	50 *	55 *	58 *	55 *	55 *			52 *	52 *	55 *	55 *	57 *
24	50 *	55 *	58 *	55 *	55 *			52 *	52 *	55 *	55 *	57 *
25	55 *	55 *	58 *	55 *	55 *			52 *	52 *	55 *	55 *	57 *
26	55 *	55 *	58 *	55 *	54 *			52 *	52 *	56 *	55 *	57 *
27	55 *	55 *	58 *	55 *	54 *			52 *	52 *	56 *	55 *	57 *
28	58 *	55 *	58 *	55 *	54 *			52 *	52 *	56 *	55 *	57 *
29	58 *		58 *	55 *	54 *			52 *	52 *	56 *	55 *	57 *
30	58 *		58 *	55 *	54 *			52 *	52 *	56 *	55 *	57 *
31	58 *		58 *		54 *			52 *		56 *		57 *
Nivel Max.	58 *	56 *	60 *	65 *	56 *			55 *	52 *	56 *	56 *	58 *
Día	vv	vv	vv	1	vv			vv	vv	vv	vv	vv
Hora				7								
Nivel Min.	50 *	55 *	55 *	55 *	54 *			52 *	52 *	51 *	55 *	55 *
Día	vv	vv	vv	vv	vv			vv	vv	vv	vv	vv
Hora												
Nivel Medio	55	56	58	58	55			53	52	54	55	57

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H026	ITAMBI EN L.S.PABLO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	67 *	73 *	72 *			75 *	75 *	73 *	71 *	59 *	61 *	53 *
2	69 *	72 *	72 *			75 *	75 *	72 *	71 *	59 *	58 *	53 *
3	64 *	72 *	72 *			75 *	76 *	72 *	70 *	59 *	60 *	53 *
4	64 *	73 *	72 *			75 *	76 *	72 *	70 *	59 *	59 *	53 *
5	68 *	76 *	73 *			76 *	75 *	72 *	69 *	59 *	59 *	53 *
6	68 *	74 *	72 *			78 *	77 *	72 *	69 *	59 *	59 *	53 *
7	67 *	78 *	89 *			79 *	77 *	72 *	68 *	59 *	59 *	53 *
8	70 *	77 *	80 *			78 *	75 *	72 *	68 *	59 *	66 *	65 *
9	72 *	77 *	80 *			78 *	75 *	72 *	62 *	59 *	69 *	66 *
10	72 *	77 *	78 *			78 *	75 *	72 *	62 *	59 *	67 *	60 *
11	70 *	75 *	75 *			78 *	75 *	72 *	62 *	59 *	62 *	57 *
12	73 *	77 *	79 *			80 *	75 *	72 *	62 *	59 *	58 *	57 *
13	74 *	77 *	79 *			77 *	75 *	72 *	62 *	59 *	59 *	58 *
14	74 *	77 *	78 *			77 *	75 *	72 *	62 *	59 *	58 *	58 *
15	74 *	77 *	78 *			76 *	75 *	72 *	62 *	60 *	58 *	59 *
16	74 *	72 *	77 *			76 *	75 *	72 *	63 *	60 *	58 *	65 *
17	71 *	71 *	75 *			76 *	75 *	72 *	63 *	62 *	57 *	66 *
18	72 *	71 *	75 *			76 *	75 *	72 *	63 *	65 *	57 *	64 *
19	70 *	71 *	76 *			76 *	78 *	72 *	63 *	64 *	55 *	63 *
20	70 *	76 *	76 *			76 *	78 *	72 *	62 *	63 *	55 *	67 *
21	70 *	76 *	76 *			76 *	78 *	72 *	62 *	67 *	55 *	61 *
22	70 *	72 *	77 *			76 *	78 *	72 *	61 *	67 *	55 *	61 *
23	70 *	72 *	76 *			76 *	78 *	72 *	61 *	67 *	55 *	60 *
24	70 *	72 *	76 *			76 *	78 *	72 *	61 *	67 *	55 *	60 *
25	70 *	72 *	77 *			76 *	77 *	72 *	61 *	71 *	54 *	59 *
26	70 *	72 *	76 *			76 *	77 *	72 *	61 *	66 *	54 *	59 *
27	71 *	81 *	76 *			76 *	77 *	72 *	61 *	84 *	54 *	57 *
28	71 *	74 *	76 *			76 *	75 *	72 *	61 *	76 *	54 *	57 *
29	72 *		94 *			76 *	75 *	72 *	61 *	74 *	54 *	57 *
30	73 *		92 *			76 *	75 *	72 *	61 *	92 *	54 *	57 *
31	73 *		78 *				75 *	72 *		71 *		57 *
Nivel Max.	74 *	81 *	111 *			82 *	78 *	74 *	71 *	110 *	72 *	75 *
Día	vv	27	29			12	vv	1	vv	30	8	8
Hora		7	18			7		7		18	18	16
Nivel Min.	64 *	71 *	72 *			75 *	74 *	72 *	61 *	59 *	54 *	53 *
Día	vv	vv	vv			vv	30	vv	vv	vv	vv	vv
Hora							18					
Nivel Medio	70	74	77			76	76	72	64	65	58	59

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H043 VERTEDERO #3												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	3 *	3 *	3 *	3 *	4 *	4 *						
2	5 *	3 *	3 *	3 *	3 *	4 *						
3	4 *	3 *	3 *	3 *	3 *	5 *						
4	4 *	3 *	5 *	3 *	3 *	4 *						
5	6 *	3 *	5 *	3 *	3 *	5 *						
6	11 *	3 *	7 *	5 *	3 *	4 *						
7	11 *	3 *	7 *	6 *	3 *	4 *						
8	5 *	3 *	5 *	6 *	3 *	4 *						
9	7 *	3 *	4 *	4 *	3 *	4 *						
10	4 *	3 *	4 *	4 *	3 *	4 *						
11	4 *	3 *	4 *	3 *	3 *	4 *						
12	5 *	3 *	4 *	3 *	3 *	4 *						
13	8 *	3 *	4 *	3 *	3 *	4 *						
14	4 *	3 *	4 *	3 *	3 *	3 *						
15	4 *	3 *	4 *	3 *	3 *	3 *						
16	4 *	3 *	4 *	3 *	3 *	3 *						
17	4 *	3 *	3 *	3 *	3 *	3 *						
18	4 *	3 *	3 *	3 *	3 *	3 *						
19	4 *	2 *	3 *	4 *	3 *	3 *						
20	3 *	2 *	8 *	6 *	3 *	2 *						
21	3 *	2 *	6 *	4 *	9 *	2 *						
22	3 *	2 *	8 *	3 *	9 *	2 *						
23	3 *	2 *	4 *	3 *	7 *	2 *						
24	3 *	2 *	4 *	8 *	5 *	2 *						
25	3 *	2 *	4 *	7 *	5 *	2 *						
26	3 *	2 *	3 *	9 *	4 *	2 *						
27	3 *	5 *	3 *	7 *	5 *	2 *						
28	3 *	7 *	4 *	6 *	4 *	2 *						
29	3 *		3 *	5 *	4 *	2 *						
30	3 *		3 *	5 *	4 *	2 *						
31	2 *		3 *		4 *							
Nivel Max.	12 *	8 *	11 *	11 *	11 *	5 *						
Día	7	27	20	26	22	vv						
Hora	6	18	18	6	18							
Nivel Min.	0 *	2 *	3 *	3 *	3 *	2 *						
Día	31	vv	vv	vv	vv	vv						
Hora	6											
Nivel Medio	4	3	4	4	4	3						

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H045 APAQUI DJ MINAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		80 *	55 *	85 *	90 *	50 *		100 *	90 *	55 *	70 *	60 *
2		70 *	55 *	90 *	90 *	60 *		95 *	90 *	55 *	83 *	60 *
3		70 *	55 *	80 *	85 *	60 *		85 *	90 *	55 *	90 *	60 *
4		70 *	55 *	70 *	95 *	75 *		150 *	65 *	55 *	75 *	70 *
5		70 *	55 *	70 *	100 *	100 *		110 *	80 *	55 *	75 *	70 *
6		65 *	55 *	70 *	90 *	110 *		90 *	80 *	55 *	80 *	70 *
7		65 *	55 *	63 *	95 *	95 *		125 *	75 *	55 *	80 *	70 *
8		65 *	55 *	60 *	100 *	80 *		125 *	70 *	55 *	80 *	70 *
9		65 *	55 *	60 *	120 *	120 *		110 *	78 *	55 *	80 *	70 *
10		60 *	55 *	60 *	120 *	120 *		105 *	78 *	53 *	80 *	64 *
11		60 *	55 *	60 *	100 *	120 *		105 *	78 *	50 *	80 *	58 *
12		60 *	55 *	55 *	100 *	130 *		125 *	78 *	50 *	90 *	58 *
13		60 *	55 *	55 *	130 *	140 *		130 *	78 *	50 *	90 *	58 *
14		58 *	55 *	50 *	120 *	140 *		140 *	78 *	50 *	100 *	58 *
15		58 *	55 *	50 *	110 *	110 *		140 *	73 *	55 *	100 *	60 *
16		55 *	55 *	50 *	88 *	120 *			70 *	63 *	90 *	60 *
17		55 *	55 *	50 *	85 *	120 *			78 *	63 *	90 *	85 *
18		55 *	55 *	60 *	75 *	111 *		160 *	78 *	60 *	80 *	100 *
19		55 *	55 *	60 *	70 *	120 *		170 *	78 *	60 *	70 *	95 *
20		55 *	55 *	60 *	65 *	100 *		140 *	78 *	70 *	75 *	90 *
21		55 *	55 *	70 *	65 *	100 *		120 *	70 *	70 *	75 *	80 *
22		55 *	53 *	70 *	65 *	120 *		100 *	60 *	70 *	70 *	75 *
23		55 *	50 *	65 *	65 *	140 *		95 *	50 *	70 *	70 *	70 *
24		55 *	50 *	80 *	65 *	140 *	70 *	90 *	50 *	75 *	70 *	70 *
25		55 *	55 *	80 *	65 *	140 *	95 *	90 *	55 *	75 *	70 *	70 *
26		55 *	55 *	90 *	65 *	140 *	140 *	80 *	55 *	75 *	68 *	70 *
27		55 *	55 *	95 *	65 *	130 *	150 *	80 *	55 *	78 *	60 *	65 *
28			55 *	100 *	65 *	140 *	115 *	80 *	50 *	95 *	60 *	60 *
29			55 *	100 *	55 *	100 *	130 *	75 *	50 *	120 *	60 *	60 *
30			55 *	100 *	50 *	100 *	115 *	70 *	50 *	125 *	60 *	58 *
31			55 *		50 *		100 *	70 *		105 *		55 *
Nivel Max.		80 *	55 *	100 *	140 *	140 *			90 *	140 *	100 *	100 *
Día		1	vv	vv	13	vv			vv	29	vv	18
Hora		6			6					18		6
Nivel Min.		55 *	50 *	50 *	50 *	50 *			50 *	50 *	60 *	55 *
Día		vv	vv	vv	vv	1			vv	vv	vv	30
Hora						18						18
Nivel Medio		60	55	70	84	111		109	70	67	77	68

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H091	GRANDE AJ JATIVA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	46 *	40 *	42 *	60 *		63 *		44 *	40 *	40 *	60 *	46 *
2	46 *	42 *	40 *	63 *		60 *		44 *	42 *	40 *	61 *	46 *
3	45 *	44 *	40 *	60 *		58 *		44 *	42 *	40 *	66 *	45 *
4	44 *	45 *	43 *	59 *		55 *		44 *	44 *	40 *	60 *	47 *
5	58 *	45 *	46 *	58 *		65 *		43 *	44 *	40 *	61 *	47 *
6	60 *	44 *	44 *	57 *		70 *		43 *	45 *	40 *	63 *	47 *
7	60 *	43 *	43 *	55 *		70 *		43 *	43 *	39 *	60 *	44 *
8	59 *	42 *	43 *	54 *		71 *		44 *	43 *	39 *	61 *	70 *
9	56 *	41 *	42 *	51 *		66 *		44 *	42 *	39 *	70 *	63 *
10	50 *	41 *	41 *	50 *		60 *		44 *	41 *	38 *	79 *	60 *
11	50 *	41 *	40 *	50 *		59 *		43 *	41 *	38 *	76 *	53 *
12	56 *	40 *	41 *	49 *		59 *		43 *	42 *	39 *	69 *	57 *
13	63 *	40 *	43 *	49 *		58 *		43 *	41 *	39 *	68 *	55 *
14	60 *	40 *	43 *	47 *		58 *		43 *	40 *	40 *	58 *	51 *
15	59 *	40 *	44 *	47 *		57 *		42 *	40 *	40 *	57 *	78 *
16	57 *	40 *	45 *	46 *		57 *		42 *	40 *	40 *	76 *	79 *
17	56 *	40 *	46 *	44 *		56 *		42 *	40 *	46 *	56 *	77 *
18	56 *	40 *	44 *	44 *		55 *		42 *	40 *	46 *	55 *	73 *
19	53 *	40 *	44 *	43 *		55 *		42 *	42 *	46 *	55 *	70 *
20	52 *	40 *	44 *	43 *		53 *		41 *	43 *	45 *	54 *	66 *
21	50 *	39 *	46 *	41 *		50 *		41 *	41 *	47 *	54 *	64 *
22	48 *	40 *	47 *	40 *		50 *		40 *	42 *	46 *	53 *	62 *
23	47 *	39 *	46 *	48 *		50 *		40 *	41 *	47 *	55 *	62 *
24	46 *	40 *	45 *	59 *		49 *		40 *	40 *	51 *	56 *	60 *
25	46 *	40 *	44 *	70 *		49 *		40 *	40 *	63 *	60 *	60 *
26	45 *	40 *	44 *	94 *		48 *		40 *	40 *	60 *	57 *	59 *
27	44 *	43 *	43 *	73 *		47 *		40 *	40 *	64 *	55 *	57 *
28	44 *	46 *	40 *	73 *		47 *		40 *	40 *	66 *	53 *	56 *
29	42 *		40 *	69 *		46 *		40 *	40 *	68 *	49 *	56 *
30	40 *		40 *	68 *		46 *		40 *	40 *	63 *	47 *	55 *
31	40 *		40 *					40 *		57 *		54 *
Nivel Max.	65 *	46 *	47 *	98 *		72 *		44 *	45 *	70 *	96 *	80 *
Día	13	28	22	26		6		vv	6	29	16	15
Hora	7	17	17	7		17			7	17	7	17
Nivel Min.	40 *	39 *	40 *	40 *		46 *		40 *	40 *	38 *	46 *	44 *
Día	vv	vv	vv	22		vv		vv	vv	vv	30	7
Hora				17							17	7
Nivel Medio	51	41	43	55		56		42	41	47	60	58

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H138	BLANCO DJ TOACHI(PTE.UNICOOP)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	160 *	200 *	150 *	280 *	345 *	140 *	60 *	60 *	30 *	110 *	100 *	100 *
2	170 *	200 *	180 *	290 *	300 *	140 *	60 *	40 *	40 *	80 *	100 *	120 *
3	160 *	230 *	260 *	270 *	280 *	160 *	50 *	40 *	40 *	70 *	100 *	160 *
4	160 *	245 *	320 *	290 *	280 *	150 *	50 *	40 *	30 *	60 *	90 *	180 *
5	160 *	240 *	300 *	300 *	300 *	180 *	60 *	40 *	30 *	60 *	90 *	180 *
6	160 *	315 *	310 *	320 *	260 *	180 *	60 *	40 *	30 *	60 *	80 *	190 *
7	180 *	350 *	310 *	300 *	260 *	160 *	60 *	50 *	40 *	70 *	80 *	190 *
8	180 *	300 *	300 *	280 *	240 *	160 *	60 *	50 *	40 *	70 *	80 *	200 *
9	240 *	300 *	290 *	270 *	230 *	160 *	60 *	50 *	40 *	50 *	80 *	200 *
10	220 *	290 *	280 *	310 *	250 *	170 *	50 *	50 *	30 *	50 *	70 *	180 *
11	205 *	270 *	275 *	320 *	240 *	170 *	50 *	40 *	30 *	50 *	70 *	180 *
12	190 *	280 *	270 *	305 *	200 *	160 *	60 *	40 *	30 *	60 *	80 *	200 *
13	190 *	260 *	300 *	280 *	200 *	150 *	40 *	40 *	30 *	60 *	80 *	200 *
14	170 *	250 *	280 *	290 *	200 *	120 *	40 *	40 *	30 *	60 *	90 *	160 *
15	170 *	200 *	270 *	305 *	220 *	120 *	40 *	40 *	30 *	60 *	100 *	160 *
16	175 *	200 *	300 *	290 *	230 *	120 *	50 *	40 *	30 *	60 *	100 *	180 *
17	170 *	200 *	290 *	300 *	200 *	120 *	50 *	40 *	30 *	50 *	100 *	180 *
18	180 *	190 *	290 *	310 *	200 *	100 *	60 *	40 *	40 *	50 *	100 *	190 *
19	190 *	180 *	310 *	300 *	200 *	90 *	60 *	40 *	40 *	50 *	90 *	160 *
20	170 *	165 *	300 *	380 *	200 *	80 *	70 *	40 *	30 *	60 *	90 *	160 *
21	160 *	170 *	290 *	370 *	200 *	80 *	40 *	30 *	30 *	70 *	90 *	190 *
22	170 *	160 *	290 *	355 *	190 *	80 *	40 *	30 *	30 *	70 *	80 *	190 *
23	170 *	155 *	280 *	320 *	180 *	80 *	40 *	30 *	30 *	70 *	80 *	200 *
24	160 *	150 *	290 *	340 *	170 *	70 *	40 *	30 *	30 *	80 *	80 *	200 *
25	150 *	140 *	290 *	350 *	170 *	70 *	50 *	30 *	40 *	80 *	100 *	180 *
26	155 *	140 *	300 *	320 *	180 *	80 *	50 *	30 *	40 *	80 *	100 *	180 *
27	170 *	150 *	325 *	340 *	160 *	60 *	50 *	30 *	40 *	90 *	100 *	160 *
28	170 *	160 *	305 *	300 *	170 *	60 *	50 *	30 *	40 *	90 *	90 *	160 *
29	185 *		300 *	330 *	170 *	60 *	60 *	40 *	50 *	90 *	90 *	200 *
30	200 *		290 *	360 *	160 *	50 *	60 *	40 *	60 *	90 *	100 *	220 *
31	210 *		290 *		160 *		60 *	40 *		80 *		220 *
Nivel Max.	250 *	370 *	350 *	380 *	370 *	180 *	70 *	60 *	60 *	120 *	100 *	220 *
Día	9	6	27	20	1	vv	20	1	30	1	vv	vv
Hora	7	7	18	7	7		7	7	7	7		
Nivel Min.	150 *	140 *	150 *	270 *	160 *	50 *	40 *	30 *	30 *	50 *	70 *	100 *
Día	25	vv	1	vv	vv	30	vv	vv	vv	vv	vv	1
Hora	18		7			18						18
Nivel Medio	177	218	285	313	218	117	53	39	35	69	89	180

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H143	GRANOBLES AJ GUACHALA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	59 *	62 *	71 *	105 *	98 *	80 *	57 *	53 *	49 *	32 *	103 *	86 *
2	61 *	60 *	68 *	99 *	102 *	82 *	58 *	57 *	47 *	32 *	97 *	83 *
3	65 *	58 *	69 *	91 *	97 *	80 *	62 *	61 *	45 *	34 *	94 *	83 *
4	67 *	56 *	73 *	88 *	93 *	80 *	60 *	59 *	44 *	35 *	91 *	81 *
5	72 *	56 *	73 *	86 *	90 *	78 *	58 *	58 *	42 *	37 *	89 *	80 *
6	74 *	55 *	72 *	87 *	89 *	81 *	56 *	55 *	41 *	37 *	88 *	78 *
7	74 *	54 *	70 *	89 *	90 *	89 *	56 *	53 *	41 *	41 *	86 *	76 *
8	72 *	60 *	71 *	92 *	88 *	84 *	55 *	52 *	37 *	43 *	86 *	78 *
9	69 *	64 *	70 *	92 *	86 *	81 *	54 *	50 *	34 *	46 *	86 *	80 *
10	67 *	67 *	68 *	92 *	85 *	79 *	60 *	48 *	34 *	47 *	87 *	81 *
11	64 *	67 *	67 *	94 *	83 *	75 *	64 *	48 *	32 *	50 *	77 *	84 *
12	64 *	65 *	66 *	97 *	80 *	71 *	67 *	50 *	35 *	52 *	75 *	86 *
13	61 *	63 *	68 *	99 *	77 *	66 *	67 *	53 *	37 *	53 *	75 *	87 *
14	62 *	62 *	70 *	103 *	75 *	66 *	65 *	53 *	36 *	56 *	77 *	88 *
15	63 *	60 *	73 *	108 *	74 *	66 *	63 *	52 *	34 *	58 *	79 *	90 *
16	66 *	56 *	76 *	107 *	76 *	71 *	62 *	54 *	31 *	59 *	83 *	92 *
17	65 *	54 *	83 *	101 *	76 *	67 *	60 *	52 *	32 *	64 *	86 *	91 *
18	67 *	51 *	80 *	94 *	78 *	65 *	60 *	50 *	29 *	66 *	89 *	96 *
19	70 *	51 *	82 *	100 *	81 *	64 *	59 *	48 *	29 *	69 *	91 *	95 *
20	73 *	53 *	83 *	101 *	84 *	67 *	60 *	49 *	30 *	71 *	96 *	92 *
21	75 *	57 *	85 *	106 *	88 *	65 *	62 *	52 *	30 *	69 *	94 *	90 *
22	74 *	60 *	85 *	111 *	86 *	63 *	63 *	58 *	32 *	71 *	92 *	92 *
23	70 *	61 *	82 *	109 *	87 *	59 *	65 *	57 *	31 *	75 *	91 *	95 *
24	69 *	60 *	78 *	109 *	92 *	56 *	64 *	54 *	29 *	79 *	94 *	92 *
25	67 *	63 *	73 *	103 *	95 *	57 *	62 *	51 *	34 *	83 *	98 *	90 *
26	68 *	66 *	73 *	100 *	96 *	58 *	61 *	52 *	35 *	86 *	97 *	88 *
27	67 *	69 *	79 *	101 *	92 *	62 *	66 *	52 *	32 *	93 *	93 *	86 *
28	66 *	71 *	93 *	96 *	89 *	60 *	59 *	56 *	32 *	95 *	90 *	85 *
29	65 *		104 *	93 *	83 *	56 *	56 *	53 *	31 *	98 *	89 *	83 *
30	68 *		111 *	98 *	81 *	55 *	55 *	50 *	30 *	103 *	86 *	81 *
31	65 *		111 *		80 *		55 *	49 *		111 *		80 *
Nivel Max.	75 *	72 *	116 *	113 *	103 *	89 *	69 *	61 *	49 *	112 *	107 *	97 *
Día	6	28	30	22	2	7	27	3	1	31	1	18
Hora	8	18	18	18	18	8	8	8	18	18	8	18
Nivel Min.	58 *	50 *	65 *	85 *	73 *	54 *	53 *	47 *	28 *	30 *	74 *	75 *
Día	1	19	12	5	15	30	9	11	18	1	13	7
Hora	8	8	8	18	8	8	8	18	18	8	8	8
Nivel Medio	67	60	78	98	86	69	60	53	35	62	88	86

NOTA: * DATOS LIMNIMETRICOS

2002

H148	GUAYLLABAMBA DJ PISQUE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				87 *	123 *	116 *			79	82	80	77
2				89 *	125 *	112 *			79	82	85	77
3				106 *	122 *	120 *			79	82	82	77
4		89 *	89 *	114 *	107 *				79	82	84	94
5		108 *	92 *	103 *	110 *			80	80	82	94	82
6		88 *	87 *	105 *	100 *			80	80	82	109	76
7	88 *	73 *	80 *	95 *				79	80	82	104	87
8	87 *	75 *	108 *	110 *			89 *	81	79	82	95	86
9	95 *	67 *	118 *				88 *	80	79	82	99	126
10	96 *	67 *	86 *			120 *	86 *	80	79	82	108	88
11	77 *	65 *	80 *			100 *	86 *	80	81	82	94	79
12	84 *					138 *	86 *	80	81	82	79	76
13	84 *				85 *	121 *	103 *	79	79	82	83	74
14	80 *				107 *	116 *	95 *	79	79	81	81	81
15				98 *	80 *	96 *	85 *	80	79	81	80	84
16				96 *	95 *	115 *		81	80	81	78	94
17				84 *	83 *			80	80	82	82	103
18		65 *	95 *	92 *	95 *			80	80	82	81	111
19		78 *	88 *	86 *	96 *			80	81	84	79	91
20		74 *	79 *	116 *	95 *			80	80	78	81	85
21	81 *	70 *	100 *	110 *				80	80	82	78	95
22	78 *	62 *	78 *	90 *			63 *	79	80	84	79	83
23	64 *	69 *	94 *				83 *	79	80	85	79	78
24	72 *	78 *	96 *			90 *	60 *	79	80	89	78	75
25	64 *	75 *	85 *			110 *	85 *	80	85	80	77	76
26	72 *					97 *	96 *	80	82	79	76	75
27	65 *				115 *	110 *	86 *	84	83	78	77	75
28	60 *				157 *	88 *	63 *	80	82	79	75	77
29				135 *	127 *	87 *	65 *	80	82	83	81	82
30				130 *	107 *			80	82	84	77	84
31					109 *			80		84		82
Nivel Max.									114	150	192	200
Día									25	24	9	4
Hora									20	22	20	20
Nivel Min.									79	73	75	74
Día									vv	28	28	29
Hora										13	12	18
Nivel Medio								80	80	82	84	85

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H156 PILATON AJ TOACHI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	81 *	42 *	125 *	172 *					55	58	85	83
2	71 *	49 *	145 *	185 *					54	56	86	78
3	74 *	71 *	165 *	205 *					55	54	98	75
4	68 *	67 *	210 *	179 *					56	55	93	75
5	63 *	85 *	160 *	245 *					55	53	102	80
6	65 *	102 *	195 *	260 *					54	53	122	89
7	67 *	97 *	225 *	270 *					54	53	104	97
8	111 *	82 *	245 *	285 *					54	54	97	102
9	115 *	77 *	235 *	311 *					53	54	92	120
10	105 *	72 *	250 *	335 *					53	54	89	118
11	112 *	75 *	225 *	351 *					53	53	84	114
12	86 *	69 *	235 *	330 *					53	57	82	108
13	72 *	62 *	175 *	205 *					53	52	86	103
14	58 *	64 *	155 *	115 *					53	54	88	97
15	54 *	66 *	121 *	135 *					53	56	83	93
16	66 *	59 *	124 *	115 *				55	54	54	79	101
17	66 *	52 *	135 *	123 *				54	54	53	78	112
18	65 *	55 *	155 *	135 *				54	53	56	77	113
19	69 *	54 *	175 *	110 *				55	55	65	79	110
20	71 *	81 *	195 *	135 *				55	54	73	81	116
21	76 *	79 *	215 *	210 *				54	53	83	80	115
22	74 *	72 *	235 *	230 *				54	54	91	78	106
23	79 *	67 *	255 *	240 *				54	54	83	75	102
24	82 *	65 *	260 *	285 *				54	54	82	73	97
25	79 *	69 *	245 *	255 *				54	55	89	71	96
26	73 *	76 *	223 *	210 *				54	56	78	70	97
27	75 *	77 *	218 *	165 *				54	57	80	69	96
28	81 *	72 *	115 *	215 *				54	59	81	68	104
29	77 *		127 *	315 *				57	58	84	71	116
30	74 *		140 *	275 *				57	55	84	78	119
31	63 *		155 *					57		81		116
Nivel Max.	120 *	110 *	270 *	352 *					76	116	128	151
Día	9	1	24	11					27	22	6	20
Hora	18	7	7	18					21	19	7	19
Nivel Min.	50 *	40 *	100 *	100 *					52	52	68	74
Día	15	1	28	26					25	13	28	4
Hora	7	7	7	7					19	12	4	20
Nivel Medio	76	70	188	220					54	66	84	102

NOTA: * DATOS LIMNIMETRICOS

2002

H158 PITA AJ SALTO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	106 *	100 *	103 *	110 *	105 *	114 *	105 *	108 *	105 *	98 *	111 *	108 *
2	104 *	100 *	103 *	109 *	105 *	114 *	105 *	108 *	105 *	98 *	110 *	107 *
3	105 *	99 *	105 *	109 *	104 *	113 *	105 *	107 *	105 *	98 *	109 *	106 *
4	104 *	99 *	107 *	109 *	104 *	113 *	105 *	107 *	105 *	98 *	108 *	106 *
5	104 *	105 *	108 *	109 *	104 *	112 *	104 *	107 *	105 *	97 *	108 *	104 *
6	106 *	104 *	108 *	109 *	104 *	112 *	104 *	106 *	105 *	98 *	110 *	104 *
7	107 *	103 *	107 *	108 *	104 *	110 *	104 *	106 *	105 *	97 *	112 *	104 *
8	108 *	102 *	106 *	108 *	103 *	109 *	112 *	111 *	105 *	97 *	110 *	106 *
9	108 *	102 *	105 *	109 *	103 *	109 *	116 *	113 *	104 *	97 *	110 *	108 *
10	108 *	101 *	105 *	109 *	103 *	108 *	112 *	112 *	104 *	97 *	109 *	109 *
11	106 *	101 *	109 *	108 *	103 *	107 *	115 *	109 *	104 *	96 *	108 *	107 *
12	106 *	100 *	108 *	106 *	102 *	107 *	113 *	108 *	104 *	96 *	107 *	106 *
13	106 *	100 *	108 *	106 *	103 *	108 *	110 *	108 *	104 *	96 *	109 *	106 *
14	106 *	100 *	110 *	105 *	106 *	107 *	109 *	107 *	104 *	96 *	108 *	104 *
15	107 *	100 *	109 *	105 *	104 *	109 *	108 *	107 *	103 *	96 *	107 *	104 *
16	105 *	99 *	108 *	105 *	104 *	108 *	107 *	107 *	103 *	95 *	106 *	107 *
17	105 *	99 *	109 *	104 *	108 *	108 *	107 *	106 *	103 *	100 *	107 *	110 *
18	105 *	99 *	110 *	104 *	108 *	108 *	106 *	106 *	103 *	99 *	108 *	110 *
19	105 *	100 *	108 *	109 *	107 *	107 *	105 *	105 *	102 *	99 *	111 *	110 *
20	105 *	100 *	109 *	107 *	108 *	107 *	105 *	105 *	102 *	100 *	108 *	108 *
21	104 *	100 *	108 *	106 *	109 *	107 *	105 *	105 *	101 *	100 *	108 *	117 *
22	104 *	100 *	108 *	106 *	111 *	106 *	105 *	105 *	101 *	102 *	107 *	114 *
23	103 *	100 *	107 *	105 *	113 *	106 *	104 *	105 *	100 *	102 *	107 *	111 *
24	103 *	100 *	107 *	110 *	114 *	106 *	104 *	104 *	100 *	107 *	106 *	108 *
25	103 *	99 *	111 *	114 *	115 *	106 *	104 *	104 *	100 *	109 *	106 *	107 *
26	102 *	100 *	112 *	114 *	115 *	106 *	104 *	104 *	100 *	109 *	105 *	106 *
27	102 *	100 *	113 *	114 *	115 *	107 *	104 *	104 *	99 *	109 *	105 *	106 *
28	102 *	104 *	110 *	113 *	117 *	106 *	103 *	107 *	99 *	110 *	105 *	105 *
29	101 *		110 *	112 *	113 *	106 *	103 *	106 *	99 *	113 *	105 *	105 *
30	101 *		112 *	112 *	115 *	105 *	108 *	106 *	99 *	113 *	106 *	106 *
31	101 *		112 *		115 *		108 *	106 *		113 *		108 *
Nivel Max.	108 *	105 *	113 *	115 *	118 *	115 *	118 *	113 *	105 *	115 *	112 *	118 *
Día	vv	5	27	25	28	1	9	9	vv	31	19	21
Hora		5	16	5	5	16	16	17		5	16	5
Nivel Min.	100 *	98 *	103 *	104 *	102 *	105 *	103 *	103 *	98 *	95 *	105 *	104 *
Día	30	18	vv	vv	12	30	vv	30	30	14	vv	vv
Hora	16	16			16	5		16	16	16		
Nivel Medio	104	100	108	108	108	108	107	107	103	101	108	107

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H159	SAN PEDRO EN MACHACHI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	61 *	56 *	58 *	77 *	71 *	66 *	50 *	44 *	47 *	50 *	67 *	62 *
2	60 *	56 *	58 *	79 *	68 *	69 *	50 *	44 *	49 *	49 *	67 *	60 *
3	61 *	56 *	58 *	84 *	67 *	70 *	50 *	44 *	50 *	48 *	67 *	60 *
4	62 *	56 *	58 *	87 *	66 *	68 *	50 *	44 *	50 *	48 *	66 *	59 *
5	63 *	56 *	59 *	77 *	65 *	68 *	50 *	44 *	50 *	48 *	66 *	58 *
6	61 *	58 *	58 *	75 *	64 *	69 *	50 *	44 *	50 *	48 *	68 *	58 *
7	60 *	58 *	58 *	77 *	63 *	69 *	50 *	44 *	50 *	48 *	69 *	59 *
8	61 *	58 *	62 *	81 *	61 *	67 *	50 *	44 *	50 *	48 *	68 *	59 *
9	62 *	58 *		77 *	60 *	65 *	50 *	44 *	51 *	48 *	69 *	59 *
10	61 *	57 *		75 *	59 *	64 *	50 *	45 *	52 *	48 *	69 *	61 *
11	60 *	56 *		72 *	58 *	64 *	50 *	46 *	52 *	48 *	68 *	62 *
12	60 *	56 *		69 *	58 *	64 *	50 *	46 *	51 *	48 *	69 *	62 *
13	61 *	57 *		68 *	57 *	62 *	50 *	46 *	50 *	48 *	71 *	61 *
14	62 *	58 *		67 *	56 *	62 *	48 *	46 *	50 *	48 *	70 *	61 *
15	63 *	58 *		65 *	56 *	62 *	48 *	46 *	50 *	49 *	72 *	62 *
16	63 *	58 *		64 *	56 *	62 *	48 *	46 *	50 *	52 *	69 *	67 *
17	62 *	58 *		64 *	56 *	62 *	48 *	46 *	50 *	52 *	68 *	69 *
18	62 *	58 *		63 *	57 *	62 *	48 *	46 *	48 *	53 *	68 *	70 *
19	61 *	59 *		62 *	61 *	60 *	48 *	46 *	48 *	54 *	68 *	72 *
20	60 *	59 *		64 *	63 *	59 *	48 *	46 *	48 *	54 *	69 *	82 *
21	60 *	58 *		64 *	63 *	58 *	48 *	46 *	48 *	54 *	69 *	74 *
22	60 *	58 *		64 *	64 *	58 *	48 *	46 *	48 *	55 *	67 *	71 *
23	59 *	60 *		65 *	64 *	58 *	48 *	45 *	48 *	59 *	66 *	75 *
24	58 *	61 *		67 *	64 *	56 *	47 *	44 *	48 *	62 *	65 *	72 *
25	58 *	59 *		70 *	65 *	54 *	46 *	45 *	48 *	67 *	64 *	71 *
26	58 *	58 *	78 *	72 *	67 *	53 *	46 *	46 *	48 *	69 *	64 *	70 *
27	57 *	57 *	76 *	75 *	71 *	52 *	46 *	46 *	49 *	67 *	63 *	71 *
28	56 *	58 *	79 *	77 *	75 *	51 *	46 *	46 *	51 *	65 *	62 *	70 *
29	55 *		80 *	74 *	72 *	50 *	46 *	46 *	52 *	64 *	62 *	70 *
30	54 *		79 *	72 *	67 *	50 *	46 *	46 *	52 *	64 *	62 *	69 *
31	55 *		77 *		65 *		45 *	46 *		65 *		67 *
Nivel Max.	64 *	62 *		92 *	76 *	70 *	50 *	46 *	52 *	70 *	72 *	90 *
Día	5	24		4	28	7	vv	vv	vv	26	13	20
Hora	6	6		6	6	6				6	6	18
Nivel Mín.	54 *	56 *		62 *	56 *	50 *	44 *	44 *	46 *	48 *	62 *	58 *
Día	29	vv		19	vv	vv	31	vv	1	vv	vv	vv
Hora	18			18			18		6			
Nivel Medio	60	58		72	63	61	48	45	50	54	67	66

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H161	TOACHI AJ PILATON											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	165 *	209 *	241 *	249 *	305 *	188 *	139 *	114 *	103 *	98 *	146	171
2	178 *	188 *	228 *	315 *	297 *	189 *	138 *	113 *	102 *	99 *	163	155
3	187 *	204 *	238 *	309 *	287 *	193 *	138 *	112 *	102 *	99 *	179	126
4	182 *	300 *	330 *	288 *	273 *	188 *	137 *	111 *	101 *	97 *	151	135
5	171 *	344 *	348 *	267 *	254 *	188 *	135 *	111 *	97 *	96 *	174	170
6	161 *	294 *	315 *	295 *	248 *	186 *	134 *	110 *	96 *	93 *	190	206
7	162 *	241 *	400 *	310 *	235 *	181 *	134 *	109 *	95 *	91 *	169	273
8	223 *	227 *	378 *	315 *	228 *	184 *	135 *	108 *	95 *	90 *	157	236
9	198 *	204 *	370 *	295 *	223 *	181 *	134 *	108 *	94 *	89 *	147	279
10	180 *	201 *	313 *	283 *	224 *	176 *	133 *	107 *	94 *	89 *	138	204
11	165 *	220 *	293 *	265 *	216 *	174 *	134 *	107 *	94 *	89 *	138	187
12	157 *	205 *	264 *	249 *	211 *	173 *	131 *	106 *	93 *	88 *	133	175
13	152 *	215 *	278 *	235 *	209 *	170 *	130 *	105 *	94 *	87 *	162	169
14	150 *	201 *	275 *	228 *	204 *	175 *	135 *	105 *	93 *	89 *	153	259
15	149 *	196 *	255 *	222 *	200 *	167 *	135 *	104 *	93 *	87 *	138	168
16	151 *	191 *	260 *	219 *	212 *	164 *	129 *	104 *	92 *	86 *	135	181
17	160 *	191 *	230 *	218 *	208 *	161 *	126 *	104 *	92 *	97 *	134	189
18	159 *	189 *	228 *	223 *	212 *	159 *	126 *	103 *	92 *	101 *	138	187
19	147 *	192 *	283 *	230 *	207 *	157 *	124 *	103 *	92 *	105 *	141	172
20	145 *	199 *	295 *	423 *	209 *	169 *	123 *	102 *	92 *	113 *	136	202
21	143 *	199 *	330 *	310 *	225 *	158 *	122 *	101 *	92 *	128 *	129	232
22	142 *	218 *	282 *	273 *	232 *	152 *	121 *	100 *	91 *	133 *	122	193
23	139 *	212 *	275 *	283 *	223 *	150 *	122 *	99 *	92 *	152	121	186
24	139 *	204 *	258 *	305 *	223 *	147 *	122 *	99 *	92 *	150	114	174
25	141 *	196 *	243 *	353 *	217 *	146 *	120 *	98 *	94 *	153	110	168
26	141 *	191 *	247 *	368 *	218 *	144 *	119 *	98 *	95 *	157	111	189
27	147 *	238 *	310 *	350 *	213 *	141 *	118 *	98 *	95 *	156	110	198
28	185 *	312 *	298 *	360 *	210 *	139 *	117 *	101 *	98 *	147	112	212
29	179 *		283 *	348 *	204 *	141 *	116 *	107 *	101 *	145	166	296
30	201 *		275 *	355 *	194 *	139 *	116 *	101 *	98 *	135	184	267
31	197 *		263 *		189 *		115 *	102 *		125		245
Nivel Max.	250 *	380 *	430 *	520 *	310 *	195 *	140 *	115 *	103 *	206	288	474
Día	8	5	7	20	1	3	15	1	1	26	29	7
Hora	7	7	7	7	7	7	7	7	7	21	22	2
Nivel Mín.	138 *	182 *	225 *	215 *	187 *	138 *	115 *	98 *	91 *	86 *	108	124
Día	24	2	18	17	31	30	31	vv	23	13	27	3
Hora	18	18	18	18	18	18	18		18	18	1	7
Nivel Medio	164	221	286	291	226	166	127	105	95	112	143	200

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H166 TOACHI EN LAS PAMPAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	72 *	90 *	115 *	118 *	104 *	92 *	80 *	78 *	62 *	62 *	66 *	70 *
2	72 *	90 *	118 *	118 *	104 *	92 *	80 *	78 *	62 *	62 *	66 *	70 *
3	73 *	92 *	122 *	117 *	104 *	90 *	80 *	78 *	62 *	62 *	66 *	72 *
4	74 *	96 *	122 *	115 *	103 *	90 *	80 *	78 *	61 *	63 *	66 *	74 *
5	74 *	96 *	124 *	115 *	102 *	90 *	80 *	78 *	61 *	63 *	67 *	74 *
6	75 *	97 *	128 *	115 *	102 *	90 *	80 *	78 *	61 *	63 *	67 *	74 *
7	75 *	98 *	130 *	114 *	102 *	89 *	79 *	77 *	61 *	63 *	67 *	75 *
8	76 *	100 *	130 *	112 *	100 *	89 *	79 *	77 *	60 *	64 *	63 *	75 *
9	76 *	100 *	130 *	112 *	100 *	89 *	79 *	77 *	60 *	64 *	63 *	78 *
10	76 *	102 *	130 *	110 *	100 *	88 *	79 *	67 *	60 *	64 *	63 *	78 *
11	77 *	104 *	132 *	110 *	99 *	88 *	79 *	67 *	59 *	64 *	65 *	78 *
12	77 *	105 *	134 *	110 *	99 *	88 *	79 *	67 *	59 *	64 *	65 *	79 *
13	78 *	106 *	130 *	109 *	99 *	88 *	79 *	67 *	59 *	64 *	65 *	80 *
14	79 *	106 *	128 *	108 *	98 *	87 *	78 *	66 *	58 *	65 *	65 *	80 *
15	79 *	108 *	125 *	108 *	98 *	87 *	78 *	66 *	58 *	65 *	66 *	80 *
16	80 *	108 *	123 *	108 *	98 *	86 *	78 *	66 *	57 *	65 *	66 *	82 *
17	80 *	108 *	119 *	107 *	98 *	80 *	78 *	66 *	56 *	65 *	67 *	82 *
18	81 *	109 *	120 *	107 *	97 *	79 *	78 *	65 *	56 *	65 *	67 *	84 *
19	81 *	109 *	120 *	108 *	97 *	79 *	78 *	65 *	56 *	65 *	67 *	84 *
20	82 *	109 *	120 *	108 *	97 *	79 *	78 *	65 *	55 *	66 *	67 *	85 *
21	82 *	110 *	122 *	108 *	97 *	79 *	78 *	65 *	55 *	66 *	67 *	86 *
22	82 *	110 *	123 *	107 *	96 *	79 *	79 *	65 *	55 *	66 *	68 *	90 *
23	82 *	110 *	122 *	107 *	96 *	80 *	78 *	64 *	55 *	66 *	68 *	90 *
24	83 *		122 *	107 *	95 *	80 *	78 *	64 *	54 *	66 *	68 *	90 *
25	84 *		121 *	107 *	95 *	80 *	78 *	64 *	54 *	66 *	69 *	91 *
26	86 *	111 *	120 *	106 *	95 *	80 *	78 *	64 *	54 *	64 *	69 *	92 *
27	86 *	112 *	120 *	106 *	94 *	80 *	78 *	63 *	55 *	64 *	69 *	93 *
28	86 *	113 *	120 *	106 *	94 *	79 *	78 *	63 *	55 *	64 *	69 *	92 *
29	87 *		119 *	106 *	93 *	79 *	78 *	63 *	58 *	64 *	70 *	94 *
30	89 *		119 *	105 *	93 *	79 *	78 *	63 *	60 *	65 *	70 *	95 *
31	90 *				92 *		78 *	62 *		65 *		95 *
Nivel Max.	90 *			118 *	104 *	92 *	80 *	78 *	62 *	66 *	70 *	95 *
Día	31			vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora	7											
Nivel Min.	72 *			105 *	92 *	79 *	78 *	62 *	54 *	62 *	63 *	69 *
Día	vv			30	31	vv	vv	31	vv	vv	vv	1
Hora				16	16			16				7
Nivel Medio	80	104	124	110	98	84	79	69	58	64	67	83

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H167 TOACHI EN S.D.DE LOS COLORADOS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	42 *	73 *	95 *	95 *	123 *	55 *	36 *	22 *	15	16	18	
2	46 *	66 *	92 *	117 *	117 *	53 *	35 *	22 *	15	16	24	
3	50 *	79 *	105 *	113 *	113 *	50 *	34 *	22 *	16	16	26	
4	54 *	116 *	138 *	104 *	108 *	50 *	33 *	21 *	16	16	27	
5	43 *	121 *	140 *	100 *	102 *	48 *	32 *	21 *	16	15	26	
6	42 *	114 *	138 *	114 *	90 *	46 *	31 *	20 *	16	15	40	
7	46 *	98 *	166 *	105 *	85 *	45 *	30 *		16	14	37	
8	80 *	115 *	131 *	107 *	83 *	44 *	30 *	20 *	16	14	29	
9	66 *	104 *	138 *	101 *	87 *	43 *	30 *	20 *	17	15	26	
10	58 *	88 *	128 *	98 *	85 *	42 *	32 *	20 *	16	15	24	
11	48 *	77 *	118 *	94 *	82 *	43 *	35 *	21 *	16	15	22	
12	43 *	73 *	106 *	88 *	77 *	46 *	35 *	20 *	16	14	17	
13	42 *	76 *	113 *	79 *	72 *	46 *	33 *	20 *	16	14	19	
14	42 *	63 *	109 *	71 *	68 *	56 *	32 *	20	16	14	25	
15	40 *	72 *	103 *	79 *	62 *	58 *	32 *	15	16	14	20	
16	40 *	69 *	113 *	74 *	56 *	54 *	31 *	16	16	14	17	
17	43 *	63 *	90 *	71 *	53 *	52 *	35 *	16	16	15	17	
18	44 *	64 *	85 *	110 *	61 *	50 *	32 *	16	15	14	16	
19	39 *	64 *	87 *	142 *	64 *	49 *	30 *	16	15	14	16	
20	36 *	61 *	91 *	163 *	66 *	47 *	28 *	16	15	14	16	
21	37 *	67 *	99 *	109 *	65 *	41 *	25 *	16	15	13	17	
22	31 *	73 *	93 *	103 *	62 *	36 *	25 *	16	15	23	15	
23	33 *	73 *	98 *	110 *	61 *	31 *	24 *	17	16	32		
24	37 *	74 *	110 *	113 *	60 *	27 *	24 *	17	15	23		
25	37 *	65 *	101 *	119 *	58 *	24 *	23 *	17	15	30		
26	38 *	63 *	103 *	125 *	56 *	22 *	23 *	17	15	21		
27	40 *	100 *	114 *	127 *	57 *	21 *	23 *	16	15	25		
28	51 *	110 *	109 *	137 *	57 *	20 *	23 *	15	15	23		
29	59 *		113 *	145 *	55 *	19 *	22 *	15	15	24		
30	69 *		109 *	135 *	58 *	33 *	22 *	17	15	23		
31	72 *		102 *		56 *		22 *	17		20		
Nivel Max.	84 *	125 *	170 *	165 *	125 *	66 *	36 *		17	52		
Día	8	5	7	20	1	14	1		9	23		
Hora	7	7	7	18	7	18	7		4	9		
Nivel Min.	30 *	60 *	78 *	70 *	52 *	18 *	22 *		15	13		
Día	22	17	19	17	29	29	vv		15	21		
Hora	18	7	7	7	18	18			6			
Nivel Medio	47	81	111	108	74	41	29	18	16	18	22	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H168 ESMERALDAS DJ SADE												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		422 *	536 *		565 *	337 *	240 *	203 *	120 *	123 *		
2		408 *	513 *	661 *	421 *	547 *	123 *	131 *	121 *	127 *		
3			633 *	595 *	460 *	563 *	256 *	125 *	130 *	187 *	267 *	
4		593 *	669 *	507 *	495 *	491 *	148 *	129 *	134 *	173 *	233 *	
5		595 *	668 *	500 *	491 *	422 *	187 *	164 *	134 *	131 *	251 *	
6		617 *		449 *	512 *	223 *	217 *	186 *	112 *	106 *	242 *	
7	223 *	596 *	633 *	582 *	490 *	286 *	97 *	195 *	121 *	204 *	331 *	
8	236 *	554 *	626 *	534 *	589 *	535 *	123 *	198 *	122 *	227 *	254 *	
9	288 *	463 *	668 *	517 *	558 *	177 *	108 *	192 *	81 *	273 *	233 *	
10	252 *	519 *	666 *	513 *	534 *	472 *	133 *	177 *	96 *	254 *	270 *	
11			667 *	503 *	536 *	252 *	105 *	156 *	79 *	301 *	259 *	
12	292 *	423 *	666 *	467 *	546 *	165 *	99 *	189 *	104 *	322 *	285 *	
13		419 *	667 *	454 *	578 *	473 *	134 *	165 *	99 *	319 *	229 *	
14	250 *	492 *	565 *	465 *	478 *	597 *	101 *	164 *	139 *	300 *	225 *	
15	230 *	460 *	590 *	452 *	491 *	457 *	424 *	211 *	173 *	337 *	262 *	
16	255 *	470 *	591 *	388 *	481 *	390 *	510 *	161 *	177 *	343 *	218 *	
17	299 *	496 *	583 *	457 *	255 *	162 *	246 *	160 *	296 *	333 *	209 *	
18	280 *		570 *	543 *	240 *	551 *	171 *	129 *	302 *	357 *	199 *	
19	276 *		574 *	564 *	282 *	250 *	179 *	134 *	141 *	342 *	234 *	
20	257 *	473 *	582 *	596 *	578 *	257 *	259 *	141 *	166 *	297 *	246 *	
21		451 *	552 *	596 *	494 *	342 *	204 *	134 *	96 *	258 *	231 *	
22		632 *	552 *	576 *	475 *	375 *	252 *	103 *	129 *	207 *	219 *	
23	307 *	593 *		579 *	372 *	303 *	509 *	103 *	102 *	219 *	192 *	
24	296 *	551 *	579 *	596 *	228 *	258 *	192 *	171 *	165 *		177 *	
25	313 *	467 *	544 *	566 *	248 *	243 *	198 *	195 *	175 *		207 *	
26	303 *	464 *		552 *	288 *	276 *	216 *	199 *	139 *		252 *	
27	286 *	441 *		587 *	285 *	288 *	210 *	172 *	205 *		195 *	
28	312 *	634 *	591 *	519 *	296 *	358 *	177 *	98 *	250 *		198 *	
29	340 *				298 *	186 *	195 *	127 *	257 *		201 *	
30	400 *				189 *	183 *	177 *	156 *	226 *		246 *	
31	413 *				297 *		331 *	159 *				
Nivel Max.					598 *	600 *	600 *	271 *	520 *			
Día					1	14	16	15	17			
Hora					7	7	7	16	17			
Nivel Min.					175 *	140 *	97 *	68 *	60 *			
Día					29	18	7	22	15			
Hora					17	18	7	16	7			
Nivel Medio	291	509	603	530	421	347	210	159	153	249	234	

NOTA: * DATOS LIMNIMETRICOS

2002

H171 SUBERE AJ TEAONE												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	3 *	5 *	2 *	0 *	5 *	3 *	10 *	31 *	16 *	3 *	2 *	3 *
2	2 *	4 *	3 *	6 *	1 *	3 *	13 *	36 *	15 *	4 *	2 *	2 *
3	4 *	8 *	20 *	0 *	0 *	7 *	15 *	35 *	19 *	3 *	2 *	2 *
4	3 *	5 *	24 *	0 *	0 *	5 *	14 *	32 *	13 *	5 *	2 *	1 *
5	2 *	19 *	15 *	0 *	0 *	4 *	14 *	33 *	14 *	4 *	2 *	3 *
6	2 *	5 *	3 *	1 *	0 *	3 *	14 *	26 *	14 *	3 *	2 *	3 *
7	3 *	4 *	2 *	5 *	0 *	3 *	15 *	21 *	14 *	2 *	2 *	3 *
8	2 *	5 *	2 *	0 *	1 *	3 *	14 *	21 *	18 *	2 *	2 *	4 *
9	2 *	3 *	2 *	5 *	1 *	2 *	13 *	21 *	15 *	4 *	2 *	3 *
10	2 *	2 *	2 *	1 *	0 *	2 *	15 *	22 *	14 *	3 *	3 *	2 *
11	2 *	2 *	2 *	0 *	0 *	2 *	18 *	18 *	12 *	2 *	3 *	2 *
12	2 *	2 *	2 *	0 *	0 *	2 *	30 *	20 *	5 *	2 *	2 *	2 *
13	1 *	2 *	2 *	0 *	0 *	6 *	31 *	19 *	4 *	2 *	2 *	2 *
14	1 *	11 *	2 *	0 *	1 *	5 *	45 *	19 *	3 *	2 *	3 *	1 *
15	1 *	5 *	2 *	0 *	1 *	5 *	38 *	20 *	2 *	3 *	3 *	1 *
16	1 *	2 *	2 *	0 *	13 *	4 *	38 *	19 *	2 *	3 *	4 *	3 *
17	1 *	2 *	2 *	0 *	6 *	3 *	37 *	20 *	3 *	3 *	3 *	3 *
18	2 *	3 *	1 *	0 *	5 *	2 *	35 *	20 *	3 *	4 *	5 *	2 *
19	2 *	2 *	2 *	0 *	1 *	2 *	33 *	17 *	2 *	3 *	4 *	2 *
20	2 *	2 *	2 *	5 *	0 *	3 *	30 *	16 *	3 *	2 *	3 *	3 *
21	2 *	6 *	2 *	0 *	0 *	2 *	29 *	16 *	2 *	2 *	2 *	3 *
22	1 *	6 *	1 *	1 *	0 *	2 *	30 *	17 *	3 *	4 *	2 *	2 *
23	3 *	5 *	15 *	0 *	0 *	2 *	38 *	17 *	3 *	5 *	2 *	2 *
24	5 *	3 *	9 *	0 *	0 *	2 *	33 *	17 *	3 *	5 *	2 *	2 *
25	5 *	2 *	2 *	0 *	0 *	2 *	29 *	16 *	3 *	5 *	2 *	3 *
26	5 *	7 *	8 *	5 *	0 *	2 *	29 *	15 *	3 *	4 *	2 *	6 *
27	7 *	5 *	3 *	1 *	0 *	2 *	27 *	15 *	3 *	3 *	2 *	3 *
28	7 *	4 *	2 *	0 *	0 *	2 *	39 *	15 *	3 *	2 *	3 *	2 *
29	8 *		15 *	0 *	0 *	1 *	35 *	15 *	4 *	2 *	5 *	5 *
30	4 *		3 *	0 *	0 *	1 *	36 *	15 *	3 *	2 *	4 *	5 *
31	3 *		2 *		0 *		30 *	15 *		2 *		4 *
Nivel Max.	9 *	25 *	32 *	12 *	15 *	8 *	52 *	37 *	22 *	6 *	5 *	7 *
Día	28	5	4	2	17	3	14	3	3	24	vv	26
Hora	7	7	7	7	18	18	7	7	7	7		7
Nivel Min.	1 *	1 *	1 *	0 *	0 *	1 *	10 *	14 *	2 *	2 *	2 *	1 *
Día	vv	12	vv	vv	vv	vv	1	29	vv	vv	vv	vv
Hora		18					7	18				
Nivel Medio	3	5	5	1	1	3	26	20	7	3	3	3

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H172	TEAONE DJ TABIAZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	44 *	132 *	71 *	62 *	132 *	50 *	60 *	58 *	53 *	52 *	50 *	54 *
2	41 *	75 *	62 *	260 *	97 *	66 *	60 *	59 *	53 *	55 *	50 *	53 *
3	43 *	167 *	117 *	111 *	98 *	180 *	60 *	59 *	53 *	53 *	50 *	52 *
4	40 *	109 *	160 *	94 *	90 *	88 *	59 *	58 *	53 *	64 *	50 *	51 *
5	40 *	137 *	104 *	76 *	80 *	88 *	60 *	58 *	53 *	64 *	49 *	73 *
6	40 *	92 *	78 *	90 *	74 *	69 *	60 *	60 *	52 *	58 *	50 *	69 *
7	42 *	78 *	66 *	165 *	85 *	63 *	59 *	61 *	52 *	54 *	50 *	60 *
8	40 *	104 *	80 *	179 *	112 *	66 *	60 *	58 *	53 *	53 *	49 *	60 *
9	39 *	78 *	60 *	105 *	90 *	60 *	62 *	56 *	55 *	52 *	49 *	61 *
10	39 *	79 *	54 *	295 *	78 *	58 *	62 *	56 *	53 *	53 *	51 *	56 *
11	39 *	87 *	94 *	117 *	70 *	57 *	63 *	56 *	52 *	56 *	58 *	55 *
12	38 *	71 *	70 *	89 *	67 *	57 *	58 *	56 *	52 *	55 *	54 *	53 *
13	37 *	74 *	81 *	79 *	62 *	138 *	60 *	55 *	51 *	52 *	52 *	54 *
14	37 *	202 *	59 *	68 *	68 *	107 *	75 *	55 *	51 *	51 *	52 *	52 *
15	36 *	124 *	53 *	67 *	76 *	112 *	78 *	54 *	51 *	61 *	51 *	52 *
16	36 *	80 *	50 *	62 *	131 *	86 *	61 *	54 *	51 *	57 *	54 *	54 *
17	36 *	65 *	46 *	60 *	201 *	77 *	60 *	55 *	51 *	53 *	53 *	58 *
18	40 *	52 *	83 *	89 *	125 *	73 *	58 *	54 *	51 *	55 *	65 *	54 *
19	40 *	55 *	72 *	81 *	94 *	70 *	57 *	54 *	52 *	53 *	60 *	52 *
20	36 *	55 *	68 *	174 *	82 *	78 *	56 *	53 *	52 *	52 *	54 *	63 *
21	37 *	66 *	54 *	115 *	74 *	74 *	56 *	53 *	51 *	52 *	53 *	95 *
22	36 *	125 *	108 *	264 *	69 *	71 *	56 *	53 *	61 *	54 *	51 *	67 *
23	42 *	140 *	112 *	131 *	66 *	68 *	96 *	53 *	55 *	55 *	50 *	66 *
24	53 *	82 *	83 *	98 *	64 *	67 *	79 *	52 *	54 *	60 *	50 *	71 *
25	51 *	77 *	77 *	82 *	64 *	65 *	63 *	52 *	53 *	58 *	49 *	70 *
26	48 *	67 *	67 *	124 *	59 *	64 *	61 *	52 *	52 *	57 *	51 *	81 *
27	53 *	106 *	67 *	107 *	57 *	64 *	60 *	52 *	51 *	54 *	52 *	97 *
28	64 *	66 *	70 *	82 *	55 *	63 *	61 *	52 *	50 *	52 *	60 *	81 *
29	119 *		79 *	80 *	53 *	62 *	66 *	52 *	50 *	53 *	61 *	80 *
30	85 *		69 *	93 *	52 *	61 *	63 *	53 *	53 *	51 *	59 *	92 *
31	59 *		59 *		51 *		61 *	52 *		51 *		74 *
Nivel Max.	142 *	232 *	166 *	425 *	248 *	232 *	135 *	62 *	63 *	75 *	70 *	110 *
Día	29	3	4	10	17	3	23	7	22	4	18	21
Hora	18	7	18	7	18	7	18	7	7	18	7	7
Nivel Min.	36 *	47 *	45 *	60 *	50 *	50 *	56 *	52 *	50 *	51 *	49 *	50 *
Día	vv	19	18	17	31	1	vv	vv	vv	vv	vv	20
Hora		7	7	18	18	18						7
Nivel Medio	46	94	76	116	83	76	63	55	52	55	53	65

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H173	TEAONE AJ ESMERALDAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1							86 *	61 *	76 *	113 *	102 *	118 *
2							86 *	61 *	76 *	113 *	102 *	115 *
3							161 *	71 *	71 *	113 *	103 *	111 *
4							111 *	76 *	71 *	109 *	102 *	84 *
5							112 *	86 *	72 *	109 *	104 *	83 *
6							108 *	83 *	72 *	109 *	106 *	98 *
7							118 *	83 *	72 *	114 *	110 *	109 *
8							173 *	91 *	72 *	110 *	123 *	82 *
9							73 *	92 *	72 *	115 *	124 *	79 *
10							75 *	93 *	72 *	109 *	122 *	95 *
11							61 *	76 *	71 *	109 *	128 *	99 *
12							62 *	81 *	71 *	109 *	126 *	85 *
13							64 *	81 *	71 *	107 *	126 *	129 *
14							64 *	81 *	71 *	106 *	126 *	103 *
15							86 *	84 *	71 *	105 *	126 *	100 *
16							86 *	82 *	71 *	105 *	125 *	185 *
17							94 *	86 *	76 *	108 *	123 *	350 *
18							94 *	83 *	76 *	107 *	123 *	162 *
19							93 *	61 *	76 *	107 *	123 *	410 *
20							86 *	96 *	76 *	106 *	128 *	129 *
21							76 *	93 *	76 *	105 *	128 *	135 *
22							89 *	94 *	76 *	104 *	96 *	118 *
23							86 *	93 *	76 *	104 *	96 *	140 *
24							89 *	86 *	76 *	107 *	78 *	117 *
25							89 *	84 *	76 *	106 *	78 *	115 *
26							91 *	116 *	76 *	109 *	116 *	215 *
27							93 *	116 *	76 *	113 *	117 *	102 *
28							61 *	94 *	76 *	105 *	118 *	126 *
29							62 *	94 *	76 *	76 *	62 *	105 *
30							63 *	119 *	76 *	86 *	61 *	85 *
31							61 *	98 *		93 *		66 *
Nivel Max.							173 *	119 *	76 *	119 *	129 *	460 *
Día							8	30	vv	9	11	19
Hora							6	6		18	18	18
Nivel Min.							61 *	61 *	71 *	66 *	61 *	66 *
Día							vv	vv	vv	29	30	31
Hora										7	18	18
Nivel Medio							89	87	74	106	110	131

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H188	PILATON D.J. CHITOA (EN LA ESPERIE)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	86 *	99 *	95 *	130 *	123 *	73 *	60 *	50 *	48 *	50 *	50 *	70 *
2	88 *	100 *	97 *	140 *	119 *	79 *	60 *	48 *	49 *	50 *	52 *	72 *
3	91 *	98 *	133 *	128 *	113 *	78 *	60 *	47 *	48 *	49 *	52 *	74 *
4	87 *	118 *	125 *	130 *	105 *	78 *	60 *	46 *	48 *	49 *	54 *	76 *
5	86 *	138 *	123 *	128 *	103 *	77 *	60 *	45 *	47 *	48 *	54 *	78 *
6	80 *	135 *	128 *	130 *	100 *	85 *	60 *	45 *	47 *	48 *	56 *	80 *
7	79 *	124 *	143 *	143 *	100 *	75 *	60 *	45 *	46 *	49 *	56 *	82 *
8	95 *	119 *	133 *	130 *	98 *	75 *	60 *	44 *	46 *	49 *	58 *	84 *
9	106 *	113 *	123 *	123 *	98 *	74 *	60 *	43 *	45 *	50 *	58 *	86 *
10	97 *	107 *	113 *	117 *	97 *	79 *	60 *	42 *	45 *	50 *	60 *	88 *
11	93 *	107 *	103 *	119 *	95 *	77 *	60 *	43 *	46 *	52 *	60 *	90 *
12	90 *	103 *	100 *	113 *	90 *	73 *	60 *	44 *	46 *	52 *	62 *	90 *
13	80 *	100 *	117 *	110 *	90 *	70 *	60 *	45 *	47 *	54 *	62 *	88 *
14	79 *	95 *	113 *	105 *	90 *	74 *	60 *	44 *	47 *	54 *	64 *	86 *
15	77 *	95 *	108 *	100 *	85 *	73 *	60 *	43 *	48 *	56 *	64 *	84 *
16	78 *	90 *	103 *	105 *	93 *	76 *	60 *	42 *	48 *	56 *	66 *	82 *
17	75 *	90 *	103 *	110 *	88 *	73 *	60 *	40 *	48 *	58 *	66 *	80 *
18	77 *	88 *	100 *	107 *	93 *	70 *	60 *	40 *	49 *	58 *	66 *	84 *
19	77 *	85 *	123 *	105 *	88 *	68 *	59 *	48 *	49 *	60 *	68 *	85 *
20	75 *	85 *	143 *	108 *	93 *	70 *	58 *	48 *	50 *	60 *	70 *	88 *
21	71 *	85 *	143 *	104 *	95 *	67 *	55 *	47 *	50 *	58 *	70 *	90 *
22	70 *	86 *	143 *	100 *	94 *	66 *	55 *	46 *	49 *	58 *	68 *	92 *
23	70 *	95 *	155 *	113 *	96 *	65 *	50 *	47 *	49 *	58 *	68 *	95 *
24	69 *	95 *	163 *	144 *	94 *	65 *	50 *	47 *	48 *	56 *	66 *	93 *
25	68 *	88 *	153 *	169 *	98 *	65 *	50 *	48 *	48 *	56 *	66 *	90 *
26	69 *	98 *	143 *	168 *	90 *	63 *	52 *	48 *	47 *	54 *	64 *	88 *
27	73 *	98 *	133 *	153 *	97 *	62 *	52 *	48 *	47 *	54 *	64 *	86 *
28	77 *	105 *	130 *	144 *	80 *	60 *	53 *	48 *	48 *	52 *	62 *	84 *
29	88 *		128 *	139 *	85 *	60 *	54 *	48 *	49 *	52 *	62 *	82 *
30	98 *		118 *	145 *	93 *	60 *	55 *	48 *	49 *	50 *	60 *	80 *
31	93 *		110 *		94 *		55 *	48 *				85 *
Nivel Max.	112 *	145 *	170 *	175 *	125 *	86 *	60 *	50 *	50 *		70 *	95 *
Día	9	5	3	26	1	6		1	vv		vv	23
Hora	7	7	17	7	7	17		7				7
Nivel Mín.	68 *	85 *	95 *	100 *	80 *	60 *	50 *	40 *	45 *		50 *	70 *
Día	25	vv	1	vv	28	vv	vv	vv	vv		1	1
Hora	17		7		7						17	17
Nivel Medio	82	101	124	125	96	71	57	46	48	53	62	84

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H216	BUA AJ QUININDE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	32 *		112 *	138 *	157 *	90 *	75 *	54 *	43 *		37 *	41 *
2	35 *	112 *	114 *	265 *	154 *	89 *	75 *	53 *	42 *		32 *	41 *
3	36 *	368 *	160 *	158 *	175 *	145 *	75 *	53 *	42 *		38 *	46 *
4	34 *	198 *	170 *	148 *	145 *	95 *	74 *	52 *	42 *		39 *	44 *
5	34 *	118 *	160 *	145 *	138 *	92 *	74 *	53 *	42 *		39 *	48 *
6	33 *	117 *	145 *	163 *	169 *	88 *	74 *	53 *	41 *		39 *	45 *
7	35 *	112 *	158 *	201 *	169 *	98 *	72 *	52 *	41 *		38 *	52 *
8	34 *	111 *	155 *	171 *	306 *	92 *	72 *	51 *	41 *		37 *	53 *
9	30 *	190 *	195 *	166 *	172 *	89 *	69 *	49 *	39 *		39 *	52 *
10	36 *	190 *	178 *	159 *	169 *	89 *	68 *	49 *	41 *		39 *	52 *
11	35 *	112 *	197 *	220 *	162 *	92 *	68 *	49 *	39 *		35 *	44 *
12	34 *	110 *	196 *	145 *		92 *	67 *	48 *	39 *		38 *	48 *
13	34 *	110 *	172 *	136 *	145 *	132 *	64 *	47 *	39 *		37 *	46 *
14	33 *	135 *	175 *	127 *	138 *		64 *	47 *	39 *		37 *	46 *
15	32 *	124 *	188 *	124 *	138 *	94 *	64 *	46 *	38 *			46 *
16	32 *	145 *	168 *	115 *	137 *	98 *	63 *	46 *	38 *		37 *	42 *
17		136 *	163 *	156 *	148 *	97 *	63 *	46 *	38 *		37 *	48 *
18	47 *	135 *	164 *	230 *	137 *	97 *		46 *	38 *		37 *	48 *
19	57 *	157 *	167 *	185 *	119 *	96 *	61 *	46 *	38 *		40 *	48 *
20	44 *	134 *	164 *	375 *	115 *	95 *	59 *	46 *	39 *		49 *	56 *
21	37 *	156 *	160 *	222 *	112 *	99 *	59 *	46 *	38 *		42 *	
22	46 *	144 *	147 *	199 *	116 *	94 *	61 *	46 *	38 *		41 *	
23	45 *		251 *	221 *	115 *	99 *	58 *	46 *	38 *		39 *	66 *
24	45 *	117 *	148 *	212 *	115 *	81 *	58 *	45 *	39 *		39 *	64 *
25	46 *	118 *	144 *	177 *	102 *	81 *	57 *	45 *	39 *		35 *	70 *
26	46 *	177 *	148 *	178 *	101 *	85 *	56 *	44 *			38 *	61 *
27	41 *	161 *	145 *	194 *	99 *	84 *	56 *	44 *	40 *		38 *	78 *
28	45 *	158 *	218 *	184 *	97 *	83 *	56 *	43 *	38 *		38 *	75 *
29	59 *		275 *	194 *	195 *	81 *		43 *	39 *		45 *	105 *
30	74 *		155 *	178 *	193 *	79 *	55 *	42 *	42 *		42 *	91 *
31	94 *		151 *		91 *		54 *					98 *
Nivel Max.			284 *	399 *								
Día			23	20								
Hora			7	17								
Nivel Mín.			112 *	115 *								
Día			1	16								
Hora			17	17								
Nivel Medio	42	148	169	183	144	94	65	48	40		39	57

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

H229	CARRIZAL EN CALCETA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	220 *	231 *	288 *	463 *	305 *	244 *	288 *	284 *	273 *	363 *		
2	221 *	220 *	266 *	506 *	306 *	243 *	201 *	284 *	273 *	363 *		
3	221 *	229 *	327 *	491 *	304 *	242 *	195 *	284 *	273 *	363 *		
4	221 *	241 *	313 *	469 *	303 *	238 *	192 *	284 *	273 *	363 *		
5	222 *	225 *	306 *	456 *	299 *	234 *	191 *	284 *	274 *	363 *		
6	223 *	224 *	310 *	463 *	305 *	231 *	190 *	284 *	274 *	310 *		
7	223 *	232 *	346 *	494 *	301 *	228 *	190 *	284 *	274 *	310 *		
8	219 *	242 *	340 *	510 *	308 *	224 *	190 *	259 *	274 *	310 *		
9	218 *	254 *	338 *	485 *	305 *	222 *	190 *	288 *	273 *	310 *		
10	218 *	229 *	361 *	465 *	306 *	220 *	188 *	288 *	273 *	310 *		
11	223 *	283 *	348 *	451 *	330 *	217 *	194 *	288 *	273 *	310 *		
12	234 *	240 *	489 *	439 *	325 *	214 *	194 *	287 *	272 *	310 *		
13	234 *	230 *	507 *	425 *	343 *	214 *	193 *	274 *	272 *	309 *		
14	234 *	228 *	516 *	420 *	344 *	211 *	193 *	274 *	272 *	309 *		
15	234 *	233 *	477 *	419 *	339 *	208 *	179 *	274 *	270 *	307 *		
16	234 *	234 *	383 *	419 *	361 *	206 *	192 *	274 *	270 *	307 *		
17	234 *	241 *	374 *	415 *	357 *	204 *	196 *	274 *	270 *	306 *		
18	235 *	240 *	366 *	434 *	327 *	204 *	196 *	274 *	270 *	306 *		
19	235 *	245 *	417 *	445 *	320 *	202 *	196 *	272 *	270 *	306 *		
20	235 *	275 *	532 *	429 *	314 *	207 *	196 *	272 *	269 *	306 *		
21	234 *	259 *	578 *	420 *	307 *	247 *	196 *	272 *	269 *	306 *		
22	234 *	294 *	570 *	349 *	300 *	312 *	196 *	272 *	269 *	306 *		
23	233 *	258 *	548 *	252 *	293 *	312 *	195 *	270 *	268 *	305 *		
24	233 *	253 *	571 *	255 *	288 *	310 *	195 *	270 *	268 *	305 *		
25	233 *	240 *	555 *	299 *	282 *	293 *	194 *	273 *	268 *	305 *		
26	234 *	270 *	530 *	325 *	274 *	292 *	194 *	273 *	265 *	304 *		
27	233 *	373 *	499 *	298 *	269 *	290 *	194 *	273 *	265 *	304 *		
28	233 *	373 *	534 *	314 *	263 *	289 *	194 *	273 *	265 *	304 *		
29	235 *		517 *	325 *	256 *	288 *	204 *	273 *	264 *	304 *		
30	238 *		510 *	312 *	250 *	288 *	282 *	273 *	263 *			
31	250 *		488 *		245 *		282 *	273 *				
Nivel Max.	255 *	404 *	592 *	534 *	372 *	312 *	288 *	288 *	274 *			
Día	31	28	20	7	16	vv	1	vv	vv			
Hora	18	7	18	18	7		7					
Nivel Mín.	218 *	218 *	264 *	250 *	244 *	202 *	178 *	234 *	263 *			
Día	vv	2	2	23	31	19	15	8	30			
Hora		18	18	18	18	18	18	18	18			
Nivel Medio	230	253	436	408	304	244	202	277	270	317		

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H233	JUNIN DJ EST.PALMAR											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	158 *	179 *	218 *	203 *	190 *	176 *	176 *	176 *	169 *	164 *	162 *	161 *
2	158 *	167 *	204 *	264 *	190 *	176 *	176 *	176 *	169 *	164 *	162 *	161 *
3	158 *	174 *	227 *	224 *	190 *	176 *	176 *	176 *	169 *	164 *	162 *	161 *
4	158 *	178 *	222 *	217 *	189 *	175 *	176 *	176 *	169 *	164 *	162 *	161 *
5	158 *	174 *	216 *	207 *	189 *	175 *	176 *	176 *	169 *	164 *	162 *	161 *
6	158 *	169 *	202 *	235 *	189 *	175 *	176 *	176 *	169 *	164 *	162 *	161 *
7	158 *	171 *	191 *	281 *	187 *	175 *	176 *	176 *	169 *	164 *	162 *	161 *
8	158 *	199 *	200 *	253 *	187 *	175 *	176 *	176 *	169 *	164 *	162 *	161 *
9	158 *	179 *	197 *	229 *	187 *	175 *	176 *	176 *	169 *	164 *	162 *	161 *
10	158 *	173 *	197 *	207 *	186 *	175 *	176 *	176 *	169 *	164 *	162 *	160 *
11	158 *	183 *	197 *	204 *	192 *	175 *	176 *	176 *	169 *	164 *	162 *	160 *
12	158 *	175 *	245 *	197 *	196 *	175 *	172 *	176 *	168 *	164 *	161 *	160 *
13	158 *	170 *	224 *	196 *	194 *	175 *	172 *	176 *	168 *	164 *	161 *	160 *
14	158 *	169 *	202 *	195 *	192 *	175 *	172 *	175 *	168 *	164 *	161 *	160 *
15	158 *	169 *	195 *	190 *	190 *	173 *	172 *	175 *	168 *	164 *	161 *	160 *
16	158 *	184 *	193 *	204 *	190 *	173 *	172 *	175 *	168 *	164 *	161 *	160 *
17	158 *	171 *	193 *	198 *	190 *	173 *	172 *	175 *	168 *	164 *	161 *	160 *
18	158 *	184 *	193 *	208 *	190 *	173 *	172 *	175 *	166 *	164 *	161 *	160 *
19	158 *	186 *	191 *	217 *	189 *	173 *	172 *	175 *	166 *	164 *	161 *	160 *
20	158 *	199 *	201 *	202 *	185 *	173 *	172 *	173 *	166 *	164 *	161 *	160 *
21	158 *	190 *	204 *	198 *	183 *	173 *	170 *	173 *	166 *	164 *	161 *	160 *
22	159 *		198 *	197 *	183 *	173 *	170 *	173 *	166 *	164 *	161 *	160 *
23	159 *		208 *	193 *	182 *	175 *	170 *	172 *	166 *	164 *	161 *	160 *
24	159 *		214 *	192 *	182 *	175 *	170 *	172 *	166 *	164 *	161 *	160 *
25	159 *		201 *	187 *	182 *	175 *	170 *	172 *	166 *	164 *	161 *	160 *
26	159 *		178 *	186 *	182 *	175 *	170 *	172 *	166 *	164 *	161 *	160 *
27	159 *		172 *	186 *	177 *	175 *	170 *	172 *	165 *	164 *	161 *	160 *
28	159 *		214 *	193 *	177 *	175 *	170 *	172 *	165 *	164 *	161 *	167 *
29	159 *		202 *	191 *	177 *	175 *	170 *	169 *	163 *	164 *	161 *	167 *
30	162 *		223 *	191 *	177 *	175 *	176 *	169 *	163 *	164 *	161 *	167 *
31	177 *		204 *		177 *		176 *	169 *		164 *		167 *
Nivel Max.	189 *		264 *	287 *	198 *	176 *	176 *	176 *	169 *	164 *	162 *	167 *
Día	31		12	20	12	vv	vv	vv	vv	vv	vv	vv
Hora	18		7	7	7							
Nivel Mín.	158 *		147 *	186 *	177 *	173 *	170 *	169 *	163 *	164 *	161 *	160 *
Día	vv		27	vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora			7									
Nivel Medio	159	179	204	208	186	175	173	174	167	164	161	161

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H326	BABA DJ TOACHI-DCP											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	4 *	138 *	201 *	138 *	175 *	61 *	32 *	5 *	13 *		14 *	8 *
2	6 *	118 *	134 *	140 *	157 *	57 *	23 *	5 *	15 *		14 *	5 *
3	3 *	128 *	215 *	128 *	185 *	118 *	17 *	5 *	14 *		10 *	7 *
4	11 *	178 *	293 *	124 *	157 *	98 *	16 *	6 *	15 *		13 *	9 *
5	8 *	150 *	230 *	135 *	134 *	78 *	15 *	9 *	14 *		15 *	8 *
6	7 *	280 *	155 *	128 *	150 *	85 *	19 *	10 *	14 *		16 *	83 *
7	1 *	268 *	175 *	180 *	113 *	83 *	27 *	8 *	14 *		16 *	115 *
8	2 *	200 *	195 *	148 *	99 *	93 *	24 *	7 *	14 *		13 *	118 *
9	3 *	170 *	197 *	135 *	99 *	92 *	23 *	7 *	14 *		11 *	90 *
10	50 *	154 *	195 *	118 *	108 *	87 *	17 *	8 *	14 *		11 *	84 *
11	21 *	127 *	195 *	203 *	106 *	91 *	14 *	9 *	14 *		12 *	48 *
12	10 *	188 *	173 *	135 *	105 *	86 *	16 *	9 *	14 *		13 *	33 *
13	10 *	174 *	153 *	143 *	99 *	86 *	16 *	10 *	14 *		15 *	32 *
14	10 *	140 *	115 *	163 *	94 *	80 *	13 *	10 *	14 *		16 *	23 *
15	6 *	123 *	123 *	143 *	98 *	83 *	15 *	10 *	15 *		14 *	21 *
16	8 *	283 *	206 *	148 *	96 *	84 *		10 *	14 *		14 *	28 *
17	5 *	240 *	143 *	133 *	102 *	88 *	8 *	10 *	14 *		11 *	56 *
18	9 *	120 *	143 *	138 *	99 *	70 *	6 *	10 *	14 *		13 *	15 *
19	17 *	118 *	140 *	133 *	96 *	75 *	6 *	12 *	15 *		15 *	13 *
20	13 *	100 *	223 *	131 *	88 *	80 *	8 *	11 *	15 *		8 *	24 *
21	40 *	95 *	183 *	308 *	148 *	55 *	5 *	12 *	16 *		7 *	51 *
22	15 *	92 *	165 *	273 *	128 *	70 *	5 *	13 *	16 *		3 *	61 *
23	8 *	110 *	178 *	285 *	128 *	43 *	5 *	14 *	15 *		7 *	92 *
24	14 *	109 *	148 *	255 *	105 *	47 *	5 *	14 *	16 *		7 *	107 *
25	9 *	105 *	132 *	140 *	93 *	33 *	6 *	14 *	15 *		11 *	110 *
26	21 *	98 *	158 *	146 *	88 *	27 *	3 *	15 *	15 *		13 *	117 *
27	28 *	113 *	133 *	173 *	105 *	27 *	1 *	13 *	16 *		14 *	143 *
28	25 *	168 *	203 *	133 *	95 *	30 *	1 *	11 *	18 *		15 *	169 *
29	48 *		170 *	270 *	78 *	34 *	2 *	11 *	15 *		13 *	188 *
30	118 *		160 *	215 *	81 *	29 *	1 *	12 *	15 *		15 *	143 *
31	123 *		161 *		59 *		2 *	12 *				92 *
Nivel Max.	125 *	290 *	305 *	335 *	200 *	120 *		18 *	18 *		20 *	195 *
Día	31	7	4	21	3	3		26	28		19	29
Hora	7	7	7	7	7	7		7	16		7	7
Nivel Min.	0 *	88 *	110 *	115 *	58 *	25 *		4 *	12 *		2 *	4 *
Día	7	22	14	10	31	27		3	1		22	2
Hora	16	16	7	16	16	16		7	7		16	7
Nivel Medio	21	153	174	168	112	69	11	10	14		12	67

NOTA: * DATOS LIMNIMETRICOS

2002

H329	PILALO EN LA ESPERANZA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	114 *	156 *	198 *	185 *	186 *	142 *	110 *	100 *	86 *	86 *	80 *	78 *
2	105 *	153 *	196 *	184 *	180 *	142 *	110 *	100 *	86 *	84 *	80 *	78 *
3	105 *	157 *	185 *	183 *	174 *	140 *	108 *	100 *	86 *	84 *	80 *	78 *
4	108 *	208 *	225 *	186 *	169 *	140 *	108 *	98 *	86 *	84 *	80 *	78 *
5	105 *	220 *	232 *	195 *	166 *	138 *	107 *	98 *	86 *	84 *	80 *	98 *
6	110 *	220 *	222 *	215 *	166 *	137 *	106 *	98 *	86 *	84 *	86 *	97 *
7	103 *	223 *	221 *	208 *	166 *	136 *	104 *	98 *	86 *	82 *	86 *	98 *
8	98 *	194 *	220 *	209 *	168 *	134 *	104 *	98 *	86 *	82 *	86 *	98 *
9	106 *	178 *	209 *	207 *	168 *	132 *	104 *	98 *	86 *	80 *	84 *	97 *
10	101 *	170 *	213 *	210 *	168 *	130 *	104 *	98 *	86 *	80 *	84 *	96 *
11	100 *	168 *	200 *	203 *	165 *	128 *	104 *	96 *	86 *	80 *	84 *	94 *
12	100 *	176 *	200 *	208 *	165 *	128 *	103 *	96 *	86 *	80 *	86 *	94 *
13	100 *	176 *	194 *	213 *	161 *	126 *	103 *	96 *	86 *	80 *	86 *	94 *
14	100 *	173 *	187 *	199 *	158 *	126 *	102 *	96 *	86 *	80 *	84 *	96 *
15	100 *	170 *	182 *	190 *	157 *	126 *	102 *	96 *	86 *	80 *	84 *	96 *
16	99 *	170 *	174 *	187 *	156 *	126 *	101 *	94 *	86 *	80 *	84 *	96 *
17	122 *	173 *	179 *	178 *	158 *	124 *	102 *	94 *	86 *	80 *	82 *	97 *
18	100 *	163 *	183 *	173 *	158 *	124 *	102 *	94 *	86 *	80 *	82 *	96 *
19	113 *	157 *	182 *	177 *	158 *	122 *	102 *	92 *	86 *	80 *	80 *	101 *
20	112 *	166 *	177 *	175 *	156 *	121 *	102 *	92 *	86 *	80 *	80 *	103 *
21	116 *	141 *	176 *	184 *	157 *	120 *	102 *	91 *	86 *	80 *	78 *	104 *
22	112 *	169 *	170 *	176 *	158 *	120 *	102 *	91 *	84 *	80 *	78 *	106 *
23	110 *	170 *	205 *	170 *	156 *	120 *	102 *	88 *	84 *	80 *	78 *	108 *
24	110 *	169 *	205 *	173 *	154 *	118 *	102 *	88 *	84 *	80 *	76 *	108 *
25	110 *	183 *	190 *	182 *	150 *	118 *	102 *	88 *	84 *	80 *	76 *	110 *
26	111 *	213 *	193 *	186 *	148 *	116 *	101 *	86 *	84 *	80 *	76 *	118 *
27	110 *	231 *	205 *	192 *	146 *	115 *	100 *	86 *	84 *	80 *	76 *	122 *
28	135 *	222 *	205 *	194 *	146 *	113 *	100 *	86 *	84 *	80 *	78 *	126 *
29	130 *		205 *	194 *	144 *	112 *	100 *	86 *	86 *	80 *	78 *	128 *
30	138 *		197 *	190 *	144 *	111 *	100 *	86 *	86 *	80 *	78 *	129 *
31	145 *		183 *		144 *		100 *	86 *		80 *		122 *
Nivel Max.	160 *	240 *	240 *	270 *	186 *	142 *	110 *	100 *	86 *	86 *	86 *	130 *
Día	28	5	5	5	1	vv	vv	vv	vv	1	vv	30
Hora	18	18	18	18	7					7		18
Nivel Min.	96 *	116 *	170 *	119 *	144 *	110 *	100 *	86 *	84 *	80 *	76 *	78 *
Día	8	21	22	5	vv	30	vv	vv	vv	vv	vv	vv
Hora	18	7	7	7		18						
Nivel Medio	111	181	197	191	160	126	103	93	86	81	81	101

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H331	CHIMBO EN SAN LORENZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	25 *	15 *	35 *	87 *	68 *	50 *	25 *	16 *	16 *	16 *	45 *	28 *
2	29 *	15 *	41 *	80 *	67 *	50 *	25 *	16 *	16 *	16 *	45 *	28 *
3	37 *	18 *	45 *	77 *	67 *	50 *	25 *	16 *	16 *	15 *	45 *	28 *
4	36 *	50 *	45 *	73 *	66 *	50 *	25 *	16 *	16 *	15 *	46 *	29 *
5	35 *	53 *	53 *	81 *	66 *	50 *	24 *	16 *	16 *	15 *	47 *	29 *
6	33 *	50 *	62 *	95 *	65 *	50 *	24 *	16 *	16 *	14 *	49 *	29 *
7	30 *	45 *	62 *	103 *	65 *	50 *	24 *	16 *	15 *	14 *	57 *	29 *
8	30 *	45 *	62 *	99 *	65 *	50 *	24 *	16 *	15 *	14 *	60 *	29 *
9	29 *	42 *	61 *	89 *	64 *	50 *	23 *	16 *	15 *	14 *	54 *	34 *
10	27 *	42 *	60 *	82 *	64 *	50 *	21 *	16 *	15 *	14 *	49 *	34 *
11	26 *	37 *	60 *	78 *	64 *	50 *	20 *	16 *	15 *	14 *	47 *	34 *
12	25 *	36 *	60 *	75 *	63 *	48 *	20 *	15 *	15 *	15 *	44 *	38 *
13	24 *	36 *	59 *	72 *	63 *	46 *	20 *	15 *	15 *	15 *	47 *	39 *
14	24 *	35 *	58 *	69 *	62 *	46 *	19 *	15 *	16 *	15 *	45 *	39 *
15	22 *	34 *	55 *	68 *	61 *	44 *	18 *	14 *	16 *	15 *	42 *	39 *
16	21 *	32 *	55 *	68 *	60 *	42 *	18 *	14 *	16 *	15 *	40 *	39 *
17	19 *	31 *	55 *	66 *	59 *	39 *	17 *	14 *	16 *	17 *	36 *	40 *
18	18 *	31 *	82 *	66 *	58 *	35 *	17 *	14 *	16 *	17 *	35 *	39 *
19	18 *	30 *	67 *	65 *	58 *	35 *	17 *	14 *	16 *	17 *	35 *	38 *
20	18 *	30 *	57 *	65 *	57 *	35 *	17 *	14 *	16 *	18 *	35 *	38 *
21	18 *	30 *	70 *	65 *	56 *	34 *	17 *	14 *	16 *	18 *	33 *	38 *
22	18 *	30 *	71 *	65 *	55 *	31 *	17 *	14 *	16 *	21 *	31 *	38 *
23	17 *	30 *	81 *	65 *	54 *	30 *	17 *	14 *	16 *	23 *	30 *	42 *
24	17 *	30 *	96 *	64 *	54 *	29 *	18 *	14 *	16 *	27 *	30 *	47 *
25	17 *	30 *	98 *	68 *	53 *	29 *	16 *	14 *	16 *	30 *	29 *	44 *
26	17 *	29 *	95 *	70 *	52 *	28 *	16 *	14 *	16 *	41 *	28 *	42 *
27	16 *	30 *	102 *	70 *	52 *	27 *	16 *	14 *	16 *	49 *	28 *	42 *
28	16 *		100 *	69 *	51 *	27 *	16 *	14 *	16 *	39 *	28 *	42 *
29	16 *		99 *	68 *	50 *	26 *	16 *	16 *	16 *	35 *	28 *	46 *
30	16 *		97 *	68 *	50 *	25 *	16 *	16 *	16 *	33 *	28 *	46 *
31	16 *		95 *		50 *		16 *			33 *		44 *
Nivel Max.	37 *		110 *	110 *	68 *	50 *	25 *		16 *	52 *	65 *	49 *
Día	3		18	7	1	vv	vv		vv	26	7	24
Hora	8		18	18	8					18	18	18
Nivel Min.	15 *		30 *	62 *	50 *	25 *	16 *		15 *	14 *	28 *	28 *
Día	31		1	24	vv	30	vv		vv	vv	vv	vv
Hora	18		8	18		8						
Nivel Medio	23	34	69	74	59	40	19	15	16	21	40	37

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H333	SAN LORENZO EN SAN LORENZO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	58 *	50 *	60 *	79 *	89 *	65 *	58 *	55 *	50 *	48 *	67 *	58 *
2	59 *	50 *	58 *	79 *	86 *	65 *	58 *	56 *	50 *	48 *	66 *	57 *
3	59 *	54 *	57 *	77 *	82 *	74 *	58 *	58 *	50 *	47 *	66 *	57 *
4	59 *	57 *	57 *	76 *	80 *	67 *	58 *	57 *	50 *	47 *	69 *	55 *
5	58 *	60 *	71 *	76 *	79 *	68 *	58 *	56 *	50 *	47 *	71 *	58 *
6	57 *	71 *	73 *	77 *	78 *	70 *	58 *	56 *	50 *	47 *	70 *	60 *
7	57 *	67 *	72 *	78 *	77 *	68 *	58 *	56 *	50 *	47 *	68 *	59 *
8	57 *	64 *	73 *	87 *	76 *	67 *	58 *	55 *	50 *	47 *	69 *	65 *
9	57 *	61 *	79 *	89 *	75 *	67 *	58 *	56 *	50 *	47 *	84 *	60 *
10	57 *	59 *	75 *	89 *	75 *	67 *	58 *	56 *	49 *	46 *	69 *	60 *
11	57 *	58 *	71 *	88 *	73 *	67 *	58 *	54 *	49 *	46 *	68 *	63 *
12	55 *	54 *	70 *	86 *	72 *	67 *	58 *	53 *	49 *	47 *	67 *	61 *
13	55 *	58 *	70 *	81 *	70 *	66 *	58 *	54 *	49 *	47 *	67 *	59 *
14	54 *	58 *	68 *	79 *	70 *	65 *	57 *	52 *	49 *	47 *	66 *	59 *
15	54 *	54 *	67 *	77 *	69 *	65 *	57 *	52 *	49 *	47 *	64 *	58 *
16	54 *	56 *	67 *	76 *	69 *	66 *	57 *	51 *	49 *	45 *	62 *	64 *
17	54 *	56 *	71 *	75 *	69 *	65 *	57 *	52 *	49 *	47 *	61 *	70 *
18	54 *	56 *	67 *	75 *	68 *	64 *	57 *	52 *	49 *	59 *	60 *	74 *
19	53 *	56 *	68 *	73 *	68 *	62 *	57 *	52 *	49 *	53 *	63 *	73 *
20	53 *	56 *	67 *	73 *	68 *	65 *	56 *	52 *	49 *	53 *	60 *	70 *
21	53 *	57 *	68 *	71 *	68 *	61 *	56 *	52 *	49 *	56 *	60 *	72 *
22	52 *	57 *	67 *	70 *	67 *	60 *	56 *	52 *	49 *	56 *	59 *	69 *
23	51 *	57 *	70 *	70 *	68 *	60 *	54 *	51 *	49 *	64 *	59 *	68 *
24	51 *	57 *	73 *	70 *	67 *	60 *	53 *	51 *	49 *	64 *	58 *	67 *
25	51 *	57 *	68 *	78 *	66 *	59 *	54 *	50 *	49 *	59 *	58 *	66 *
26	52 *	57 *	67 *	78 *	67 *	59 *	54 *	50 *	49 *	58 *	58 *	66 *
27	52 *	58 *	70 *	90 *	70 *	59 *	54 *	50 *	49 *	59 *	58 *	66 *
28	51 *	65 *	72 *	93 *	69 *	59 *	54 *	50 *	49 *	64 *	58 *	66 *
29	50 *		81 *	90 *	67 *	59 *	54 *	50 *	48 *	65 *	58 *	65 *
30	50 *		80 *	89 *	66 *	58 *	56 *	50 *	48 *	63 *	58 *	67 *
31	50 *		76 *		66 *		57 *	50 *		60 *		63 *
Nivel Max.	59 *	72 *	85 *	100 *	90 *	75 *	58 *	58 *	50 *	70 *	100 *	75 *
Día	vv	6	29	27	1	3	vv	3	vv	23	9	18
Hora		6	6	18	18	18		18		18	18	18
Nivel Min.	50 *	50 *	57 *	69 *	65 *	58 *	52 *	50 *	48 *	42 *	58 *	52 *
Día	vv	vv	vv	24	26	30	24	vv	vv	16	vv	4
Hora			6	6	6	6	6			18		18
Nivel Medio	54	58	69	79	72	64	57	53	49	52	64	63

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	65 *	69 *	95 *					82 *	80 *	79 *	82 *	79 *
2	67 *	70 *	94 *					82 *	80 *	79 *	81 *	79 *
3	67 *	70 *	117 *					82 *	80 *	79 *	81 *	79 *
4	65 *	109 *	100 *					82 *	80 *	79 *	81 *	79 *
5	65 *	173 *	108 *					82 *	80 *	79 *	81 *	79 *
6	65 *	90 *	118 *					82 *	80 *	79 *	84 *	83 *
7	65 *	84 *	118 *					81 *	80 *	79 *	81 *	81 *
8	65 *	70 *	118 *					81 *	80 *	79 *	81 *	81 *
9	66 *	70 *	111 *					81 *	80 *	79 *	81 *	82 *
10	66 *	70 *	112 *					81 *	80 *	79 *	81 *	82 *
11	63 *	70 *	109 *					80 *	80 *	79 *	80 *	82 *
12	63 *	78 *	108 *					80 *	80 *	79 *	80 *	81 *
13	63 *	78 *	104 *					80 *	80 *	79 *	80 *	80 *
14	63 *	78 *	104 *					80 *	80 *	79 *	80 *	80 *
15	63 *	78 *	100 *					80 *	79 *	79 *	80 *	80 *
16	65 *	78 *	100 *					80 *	79 *	79 *	80 *	80 *
17	65 *	78 *	98 *					80 *	79 *	79 *	80 *	80 *
18	66 *	78 *	120 *					80 *	79 *	79 *	80 *	80 *
19	66 *	78 *	120 *					80 *	79 *	78 *	80 *	80 *
20	65 *	79 *	129 *					80 *	79 *	83 *	80 *	80 *
21	65 *	79 *	155 *					80 *	79 *	83 *	80 *	80 *
22	65 *	82 *	115 *					80 *	79 *	81 *	80 *	80 *
23	66 *	84 *	110 *					80 *	79 *	81 *	80 *	81 *
24	66 *	90 *	155 *					80 *	79 *	81 *	80 *	81 *
25	66 *	85 *	118 *					80 *	79 *	83 *	81 *	81 *
26	65 *	84 *	118 *					80 *	79 *	82 *	80 *	81 *
27	65 *	112 *	123 *					80 *	79 *	82 *	80 *	81 *
28	65 *	98 *	127 *					80 *	79 *	82 *	80 *	81 *
29	65 *		130 *					80 *	79 *	82 *	80 *	86 *
30	67 *		120 *					80 *	79 *	82 *	80 *	83 *
31	67 *		120 *					80 *		82 *		83 *
Nivel Max.	67 *	196 *	190 *					82 *	80 *	83 *	84 *	87 *
Día	vv	5	21					vv	vv	vv	6	29
Hora		6	18								7	17
Nivel Min.	63 *	69 *	94 *					80 *	79 *	78 *	80 *	79 *
Día	vv	1	2					vv	vv	19	vv	vv
Hora		6	18							7		
Nivel Medio	65	84	115					81	79	80	80	81

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H337	PANGOR AJ CHIMBO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	6 *	7 *		46 *	45 *	28 *		15 *	8 *		11 *	18 *
2	6 *	8 *		48 *	45 *	27 *		15 *	8 *		12 *	21 *
3	6 *	8 *	25 *	48 *	44 *	25 *	18 *	14 *	8 *	8 *	12 *	20 *
4	6 *	9 *	26 *	49 *	43 *	23 *	18 *	14 *	8 *	8 *	12 *	19 *
5	6 *	10 *	26 *	49 *	41 *	22 *	18 *	14 *	8 *	8 *	12 *	19 *
6	5 *	11 *	26 *	50 *	40 *	22 *	18 *		8 *	8 *	12 *	18 *
7	5 *	12 *	27 *	50 *	39 *	22 *	18 *	14 *	8 *	8 *	12 *	18 *
8	5 *	15 *	28 *	51 *	39 *	20 *	18 *	13 *	8 *	8 *	12 *	18 *
9	5 *	15 *	28 *	53 *	38 *	19 *	18 *	12 *	8 *	8 *	12 *	19 *
10	5 *	15 *	28 *	54 *	38 *	19 *	18 *	12 *	8 *	8 *	15 *	19 *
11	5 *	15 *	28 *	55 *	38 *	19 *	18 *	10 *	8 *	8 *	15 *	19 *
12	6 *	15 *	28 *		37 *	19 *	18 *	10 *	8 *	8 *	14 *	19 *
13	6 *	15 *	28 *	54 *	36 *	19 *	18 *	10 *	8 *	9 *	13 *	18 *
14	6 *	15 *		53 *	36 *	18 *	18 *	10 *	8 *	9 *	13 *	18 *
15		15 *	28 *	52 *	35 *	18 *	18 *	10 *	8 *	9 *	12 *	19 *
16	6 *	16 *	28 *	51 *	35 *	18 *	18 *	10 *	8 *	9 *	13 *	18 *
17	6 *	16 *	30 *	50 *	34 *	18 *	18 *	8 *	8 *	8 *	13 *	18 *
18		17 *	30 *	49 *	34 *	25 *	18 *	8 *	8 *		14 *	18 *
19		17 *	32 *	49 *	33 *	25 *	18 *	8 *	8 *		15 *	18 *
20	7 *	17 *	32 *		33 *	25 *	18 *	8 *	8 *	9 *	15 *	18 *
21	7 *	18 *	33 *	45 *		25 *	17 *	8 *	8 *	10 *	15 *	17 *
22	7 *	18 *	33 *	44 *	33 *	25 *	16 *	8 *	8 *	10 *	15 *	17 *
23	7 *	18 *	35 *	43 *		25 *	16 *	8 *	8 *	10 *	15 *	17 *
24	7 *	19 *	35 *	40 *		25 *	15 *	8 *	8 *	10 *	12 *	18 *
25	7 *	19 *	38 *	39 *	32 *	25 *	15 *	8 *	8 *	12 *	12 *	18 *
26	7 *	20 *	38 *	39 *	32 *	25 *	15 *	8 *	8 *	15 *	14 *	18 *
27	7 *	20 *	40 *	38 *	31 *	25 *	15 *	8 *	8 *	15 *	16 *	18 *
28	7 *	22 *		40 *	31 *	25 *	15 *	8 *	8 *	14 *	17 *	17 *
29	7 *			43 *	30 *	25 *	15 *	8 *	8 *	13 *	17 *	19 *
30	7 *		45 *	45 *	30 *	25 *	15 *	9 *		12 *	17 *	19 *
31	7 *		45 *		30 *		15 *	9 *				18 *
Nivel Max.		22 *				28 *					17 *	21 *
Día		28				1					vv	2
Hora		7				8						17
Nivel Mín.		7 *				18 *					11 *	17 *
Día		1				vv					1	vv
Hora		8									17	
Nivel Medio	6	15	32	47	36	23	17	10	8	10	13	18

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H338	CHIMBO DJ PANGOR											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				102 *	123 *			45 *	37 *		51 *	59 *
2				102 *	122 *			45 *	37 *		52 *	60 *
3				105 *	121 *			45 *	36 *	30 *	52 *	58 *
4				105 *	120 *			45 *	35 *	30 *	53 *	58 *
5				108 *	118 *			44 *	34 *	30 *	55 *	58 *
6				110 *	118 *				34 *	30 *	56 *	57 *
7				115 *	115 *			44 *	33 *	31 *	56 *	57 *
8				115 *	114 *			43 *	31 *	31 *	57 *	57 *
9				115 *	111 *			43 *	30 *	31 *	59 *	58 *
10				116 *	110 *			42 *	30 *	31 *	60 *	58 *
11				118 *	108 *			41 *	29 *	31 *	63 *	58 *
12					100 *			40 *	29 *	32 *	62 *	58 *
13				120 *				40 *	29 *	32 *	60 *	58 *
14				120 *				40 *	28 *	33 *	60 *	58 *
15				120 *				39 *	28 *	33 *	59 *	60 *
16				120 *				39 *	28 *	33 *	59 *	60 *
17				120 *				39 *	28 *	34 *	59 *	59 *
18				118 *				39 *	28 *		58 *	59 *
19				118 *				39 *	28 *		57 *	59 *
20								39 *	28 *	35 *	56 *	59 *
21				115 *				39 *	31 *	36 *	56 *	59 *
22				117 *				39 *	32 *	39 *	57 *	60 *
23				118 *				39 *	31 *	40 *	57 *	60 *
24				119 *				39 *	31 *	44 *	56 *	60 *
25				120 *				39 *	31 *	47 *	56 *	62 *
26				122 *				39 *	30 *	49 *	56 *	63 *
27				124 *				39 *	30 *	50 *	56 *	63 *
28				125 *				39 *	30 *	51 *	57 *	63 *
29				124 *				39 *	31 *	51 *	57 *	63 *
30				124 *				39 *		50 *	57 *	64 *
31								39 *				65 *
Nivel Max.											63 *	65 *
Día											11	31
Hora											16	7
Nivel Mín.											51 *	57 *
Día											1	vv
Hora											7	
Nivel Medio				116				41	31	37	57	60

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H340 CHIMBO EN BUCAY												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	51 *	40 *	80 *	140 *	137 *	99 *	78 *	62 *	53 *	49 *	63 *	55 *
2	50 *	40 *	82 *	140 *	132 *	98 *	78 *	62 *	53 *	48 *	63 *	55 *
3	49 *	40 *	98 *	139 *	131 *	97 *	77 *	62 *	53 *	48 *	63 *	56 *
4	48 *	95 *	98 *	139 *	128 *	95 *	76 *	62 *	52 *	48 *	63 *	56 *
5	47 *	83 *	115 *	138 *	128 *	95 *	76 *	61 *	52 *	48 *	63 *	56 *
6	46 *	78 *	115 *	138 *	127 *	95 *	75 *	61 *	52 *	47 *	63 *	57 *
7	46 *	70 *	115 *	179 *	125 *	95 *	74 *	61 *	51 *	47 *	63 *	57 *
8	45 *	67 *	128 *	168 *	125 *	95 *	72 *	60 *	51 *	46 *	63 *	58 *
9	44 *	65 *	124 *	163 *	124 *	95 *	72 *	60 *	50 *	46 *	63 *	58 *
10	43 *	65 *	120 *	158 *	122 *	95 *	71 *	60 *	50 *	46 *	63 *	58 *
11	42 *	63 *	118 *	153 *	119 *	94 *	70 *	60 *	50 *	46 *	63 *	59 *
12	42 *	56 *	114 *	148 *	117 *	93 *	68 *	59 *	50 *	46 *	63 *	59 *
13	41 *	54 *	118 *	143 *	114 *	92 *	68 *	59 *	50 *	46 *	67 *	59 *
14	40 *	53 *	105 *	136 *	108 *	90 *	66 *	58 *	50 *	45 *	74 *	60 *
15	40 *	53 *	109 *	128 *	104 *	89 *	66 *	58 *	50 *	45 *	78 *	60 *
16	40 *	53 *	105 *	125 *	100 *	87 *	65 *	57 *	50 *	45 *	60 *	62 *
17	40 *	52 *	100 *	124 *	100 *	86 *	65 *	57 *	50 *	47 *	60 *	65 *
18	40 *	51 *	99 *	121 *	100 *	85 *	65 *	56 *	50 *	49 *	60 *	65 *
19	40 *	51 *	124 *	123 *	102 *	85 *	65 *	56 *	49 *	50 *	59 *	66 *
20	41 *	51 *	164 *	123 *	102 *	84 *	65 *	56 *	49 *	50 *	59 *	66 *
21	41 *	50 *	158 *	124 *	103 *	84 *	65 *	55 *	49 *	50 *	58 *	67 *
22	41 *	50 *	151 *	125 *	104 *	84 *	64 *	55 *	49 *	51 *	58 *	67 *
23	42 *	50 *	143 *	125 *	105 *	84 *	64 *	55 *	49 *	52 *	58 *	67 *
24	42 *	68 *	117 *	125 *	104 *	83 *	64 *	54 *	49 *	55 *	57 *	66 *
25	42 *	65 *	128 *	125 *	100 *	83 *	63 *	54 *	49 *	63 *	57 *	66 *
26	40 *	63 *	139 *	125 *	100 *	82 *	63 *	54 *	49 *	63 *	57 *	65 *
27	40 *	68 *	162 *	167 *	100 *	81 *	63 *	54 *	49 *	63 *	56 *	66 *
28	40 *	84 *	145 *	153 *	100 *	81 *	63 *	54 *	49 *	63 *	56 *	68 *
29	40 *		142 *	143 *	100 *	80 *	62 *	53 *	49 *	63 *	56 *	69 *
30	40 *		142 *	139 *	100 *	80 *	62 *	53 *	49 *	63 *	55 *	69 *
31	40 *		140 *		100 *		62 *	53 *		63 *		69 *
Nivel Max.	51 *	105 *	178 *	185 *	138 *	100 *	78 *	62 *	53 *	63 *	78 *	69 *
Día	1	4	27	7	1	1	vv	vv	vv	vv	15	vv
Hora	7	7	7	6	7	7					7	
Nivel Mín.	40 *	40 *	80 *	120 *	100 *	80 *	62 *	53 *	49 *	45 *	55 *	55 *
Día	vv	vv	1	18	vv	vv	vv	vv	vv	vv	30	vv
Hora			18	7							7	
Nivel Medio	43	60	122	139	112	89	68	57	50	51	61	62

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H345 ZAPOTAL EN CATARAMA(CATARAMA EN)												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		227 *	518 *	482 *	622 *	270 *	159 *	125 *	100 *			
2	98 *	360 *	494 *	624 *	566 *	261 *	157 *	124 *				
3	101 *	293 *	577 *	576 *	547 *	254 *	156 *	122 *				
4	99 *	378 *	767 *	522 *	494 *	248 *	154 *	120 *				
5	98 *	440 *	751 *	515 *	475 *	241 *	153 *	118 *				
6	95 *	499 *	709 *	500 *	460 *	236 *	151 *	118 *				
7	90 *	538 *	735 *	790 *	433 *	231 *	150 *	117 *				
8	97 *	495 *	737 *	742 *	401 *	226 *	150 *	115 *				
9	99 *	428 *	769 *	638 *	375 *	221 *	148 *	115 *				
10	99 *	474 *	741 *	587 *	386 *	220 *	147 *	115 *				
11	94 *	439 *	657 *	718 *	390 *	219 *	145 *	113 *				
12	90 *	491 *	605 *	606 *	388 *	215 *	144 *	112 *				
13	88 *	496 *	643 *	565 *	423 *	208 *	144 *	111 *				
14	98 *	467 *	561 *	560 *	378 *	203 *	143 *	109 *				
15	94 *	417 *	605 *	564 *	364 *	201 *	142 *	108 *				
16	96 *	390 *	594 *	642 *	350 *	199 *	139 *	107 *				
17	100 *	424 *	601 *	716 *	365 *	195 *	137 *	107 *				
18	130 *	362 *	663 *	598 *	388 *	191 *	137 *	106 *				
19	120 *	372 *	588 *	536 *	638 *		136 *	106 *				
20	111 *	340 *	768 *	541 *	484 *	187 *	134 *	106 *				
21	109 *	388 *	748 *	574 *	441 *	183 *	134 *	105 *				
22	106 *	402 *	635 *	547 *	436 *	179 *	133 *	105 *				
23	108 *	425 *	635 *	509 *	400 *	177 *	131 *	104 *				
24	110 *	388 *	635 *	472 *	371 *	175 *	130 *	104 *				
25	106 *	405 *	539 *	460 *	350 *	170 *	128 *	103 *				
26	103 *	410 *	494 *	503 *	330 *	168 *	127 *	103 *				
27	109 *	397 *	491 *	589 *	315 *	164 *	126 *	103 *				
28	119 *	477 *	504 *	569 *	304 *	164 *	125 *	102 *				
29	167 *		481 *	605 *	288 *	161 *	124 *	102 *				
30	219 *		485 *	579 *	284 *	159 *	125 *	101 *				
31	215 *		483 *		284 *		125 *	101 *				
Nivel Max.		567 *	775 *	793 *	649 *		159 *	125 *				
Día		7	20	7	19		1	1				
Hora		17	17	17	17		8	7				
Nivel Mín.		227 *	474 *	450 *	280 *		124 *	100 *				
Día		1	29	25	29		29	31				
Hora		9	17	17	17		7	17				
Nivel Medio		112	415	620	581	410	204	139	110			

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

H346 ZAPOTAL EN LECHUGAL												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	4 *	113 *	259 *	234 *	344 *	110 *	35 *	19 *	3 *	0 *	0 *	0 *
2	13 *	171 *	239 *	353 *	274 *	99 *	35 *	14 *	3 *	0 *	0 *	0 *
3	14 *	158 *	343 *	269 *	224 *	94 *	34 *	13 *	2 *	0 *	0 *	0 *
4	18 *	194 *	439 *	284 *	233 *	92 *	33 *	13 *	2 *	0 *	1 *	0 *
5	13 *	209 *	437 *	232 *	233 *	84 *	33 *	13 *	2 *	0 *	1 *	0 *
6	9 *	243 *	355 *	219 *	219 *	84 *	32 *	12 *	2 *	0 *	0 *	1 *
7	4 *	309 *	417 *	457 *	204 *	82 *	32 *	12 *	1 *	0 *	4 *	18 *
8	9 *	239 *	427 *	388 *	183 *	74 *	32 *	12 *	1 *	0 *	4 *	33 *
9	12 *	239 *	483 *	285 *	168 *	73 *	32 *	11 *	1 *	0 *	3 *	28 *
10	15 *	298 *	397 *	270 *	182 *	72 *	32 *	11 *	1 *	0 *	1 *	22 *
11	3 *	223 *	304 *	365 *	184 *	73 *	31 *	11 *	1 *	0 *	1 *	13 *
12	4 *	240 *	288 *	274 *	162 *	72 *	31 *	12 *	1 *	0 *	2 *	12 *
13	3 *	234 *	288 *	273 *	202 *	65 *	28 *	12 *	1 *	0 *	2 *	4 *
14	18 *	228 *	253 *	280 *	145 *	63 *	25 *	11 *	1 *	0 *	1 *	3 *
15	13 *	203 *	315 *	265 *	159 *	62 *	25 *	8 *	1 *	0 *	0 *	0 *
16	13 *	201 *	288 *	328 *	149 *	62 *	24 *	5 *	0 *	0 *	0 *	0 *
17	18 *	225 *	298 *	309 *	168 *	62 *	24 *	5 *	0 *	0 *	0 *	0 *
18	30 *	187 *	326 *	264 *	178 *	55 *	24 *	8 *	0 *	0 *	0 *	6 *
19	24 *	183 *	278 *	238 *	324 *	54 *	23 *	11 *	0 *	0 *	0 *	5 *
20	22 *	169 *	527 *	257 *	208 *	54 *	23 *	8 *	0 *	0 *	0 *	6 *
21	17 *	188 *	435 *	285 *	217 *	53 *	23 *	5 *	0 *	0 *	1 *	7 *
22	21 *	213 *	298 *	269 *	199 *	52 *	23 *	4 *	0 *	0 *	1 *	20 *
23	28 *	217 *	327 *	243 *	188 *	51 *	23 *	4 *	0 *	3 *	0 *	23 *
24	27 *	177 *	362 *	219 *	169 *	45 *	22 *	4 *	0 *	3 *	0 *	24 *
25	22 *	178 *	247 *	205 *	157 *	43 *	22 *	3 *	0 *	2 *	0 *	13 *
26	22 *	198 *	214 *	249 *	145 *	43 *	21 *	3 *	0 *	1 *	0 *	12 *
27	23 *	179 *	213 *	309 *	138 *	43 *	18 *	2 *	0 *	1 *	0 *	23 *
28	35 *	243 *	259 *	288 *	132 *	42 *	15 *	2 *	0 *	1 *	0 *	32 *
29	83 *		214 *	342 *	123 *	42 *	15 *	2 *	3 *	0 *	0 *	20 *
30	94 *		278 *	257 *	130 *	41 *	14 *	3 *	0 *	0 *	0 *	15 *
31	94 *		224 *		118 *		18 *	3 *		0 *		10 *
Nivel Max.	114 *	323 *	541 *	561 *	363 *	114 *	35 *	22 *	4 *	5 *	5 *	162 *
Día	29	7	20	7	1	1	vv	1	29	23	8	29
Hora	17	7	17	17	7	7		7	7	17	17	17
Nivel Min.	2 *	112 *	193 *	195 *	114 *	41 *	14 *	2 *	0 *	0 *	0 *	0 *
Día	11	1	27	25	31	30	30	vv	vv	vv	vv	vv
Hora	7	7	17	17	17	17	17					
Nivel Medio	23	209	323	283	189	64	26	8	1	0	1	11

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H348 VINCES EN VINCES-DCP												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	56 *	333 *	418 *	532 *	543 *	261 *	147 *	82 *	44 *	26 *	39 *	53 *
2	59 *	298 *	458 *	523 *	530 *	251 *	143 *	80 *	46 *	38 *	36 *	53 *
3	61 *	290 *	464 *	539 *	504 *	249 *	139 *	81 *	47 *	56 *	36 *	60 *
4	74 *	291 *	518 *	514 *	489 *	308 *	136 *	79 *	45 *	56 *	38 *	56 *
5	76 *	388 *	600 *	494 *	466 *	277 *	133 *	78 *	43 *	53 *	41 *	56 *
6	76 *	425 *	612 *	509 *	450 *	252 *	132 *	76 *	41 *	53 *	44 *	64 *
7	74 *	475 *	621 *	536 *	462 *	245 *	130 *	74 *	41 *	46 *	44 *	90 *
8	71 *	566 *	608 *	583 *	429 *	233 *	130 *	73 *	40 *	41 *	35 *	168 *
9	67 *	579 *	617 *	565 *	409 *	228 *	128 *	71 *	40 *	37 *	35 *	259 *
10	64 *	510 *	633 *	515 *	397 *	217 *	125 *	70 *	38 *	35 *	39 *	203 *
11	83 *	486 *	598 *	527 *	422 *	210 *	120 *	68 *	37 *	36 *	38 *	165 *
12	112 *	461 *	571 *	560 *	411 *	206 *	117 *	68 *	35 *	33 *	36 *	145 *
13	89 *	469 *	553 *	525 *	384 *	210 *	115 *	67 *	34 *	31 *	37 *	136 *
14	83 *	491 *	539 *	509 *	390 *	204 *	114 *	64 *	34 *	31 *	35 *	127 *
15	77 *	463 *	496 *	515 *	370 *	203 *	114 *	62 *	34 *	31 *	35 *	121 *
16	71 *	435 *	484 *	555 *	357 *	200 *	111 *	62 *	36 *	30 *	35 *	116 *
17	67 *	432 *	534 *	543 *	350 *	214 *	109 *	60 *	35 *	27 *	32 *	109 *
18	80 *	420 *	542 *	509 *	349 *	221 *	106 *	58 *	32 *	25 *	34 *	104 *
19	93 *	447 *	525 *	485 *	351 *	200 *	104 *	57 *	31 *	25 *	34 *	102 *
20	101 *	387 *	553 *	473 *	355 *	208 *	102 *	57 *	31 *	26 *	34 *	105 *
21	105 *	378 *	614 *	552 *	340 *	216 *	100 *	54 *	29 *	29 *	59 *	133 *
22	106 *	377 *	586 *	580 *	376 *	199 *	102 *	52 *	28 *	33 *	54 *	131 *
23	118 *	365 *	562 *	598 *	370 *	193 *	99 *	51 *	28 *	36 *	54 *	161 *
24	104 *	367 *	589 *	578 *	359 *	186 *	96 *	50 *	29 *	45 *	44 *	158 *
25	110 *	360 *	553 *	538 *	341 *	179 *	94 *	50 *	30 *	57 *	41 *	150 *
26	114 *	354 *	534 *	509 *	319 *	170 *	92 *	50 *	28 *	59 *	40 *	143 *
27	105 *	358 *	542 *	506 *	304 *	168 *	90 *	49 *	25 *	56 *	37 *	149 *
28	118 *	366 *	518 *	519 *	295 *	163 *	89 *	47 *	25 *	51 *	34 *	148 *
29	127 *		579 *	503 *	289 *	158 *	90 *	46 *	25 *	46 *	32 *	188 *
30	138 *		559 *	526 *	275 *	153 *	88 *	44 *	26 *	42 *	35 *	383 *
31	225 *		525 *		270 *		84 *	43 *		43 *		372 *
Nivel Max.	240 *	586 *	655 *	603 *	545 *	315 *	148 *	82 *	47 *	60 *	60 *	410 *
Día	31	9	10	23	1	4	1	1	3	26	21	30
Hora	18	7	7	7	7	7	7	7	7	7	18	18
Nivel Min.	56 *	278 *	410 *	468 *	268 *	151 *	83 *	43 *	25 *	25 *	32 *	50 *
Día	1	1	1	20	31	30	1	31	vv	vv	vv	2
Hora	7	7	7	7	18	18	18	18				7
Nivel Medio	94	413	552	531	386	213	112	62	34	40	39	142

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H353	MACUL EN HDA.BRASILIA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	76 *	138 *	411 *	535 *	404 *	121 *	89 *	69 *	64 *	55 *	58 *	58 *
2	81 *	157 *	408 *	453 *	410 *	118 *	88 *	68 *	65 *	52 *	60 *	53 *
3	85 *	165 *	411 *	433 *	451 *	119 *	86 *	69 *	65 *	40 *	62 *	54 *
4	78 *	234 *	463 *	445 *	428 *	116 *	84 *	68 *	62 *	45 *	63 *	58 *
5	79 *	273 *	487 *	458 *	410 *	113 *	84 *	65 *	63 *	52 *	61 *	58 *
6	77 *	334 *	504 *	482 *	386 *	113 *	85 *	67 *	63 *	53 *	63 *	99 *
7	73 *	325 *	555 *	551 *	352 *	113 *	85 *	68 *	63 *	55 *	57 *	102 *
8	71 *	313 *	568 *	547 *	297 *	113 *	85 *	65 *	63 *	54 *	59 *	91 *
9	65 *	304 *	562 *	526 *	265 *	112 *	86 *	66 *	61 *	53 *	58 *	85 *
10	66 *	311 *	577 *	511 *	235 *	111 *	83 *	68 *	60 *	54 *	57 *	80 *
11	65 *	336 *	551 *	545 *	219 *	107 *	83 *	67 *	54 *	56 *	56 *	79 *
12	64 *	348 *	557 *	563 *	208 *	105 *	83 *	67 *	64 *	59 *	56 *	77 *
13	63 *	420 *	582 *	540 *	199 *	104 *	83 *	67 *	55 *	58 *	52 *	79 *
14	62 *	410 *	544 *	517 *	183 *	102 *	82 *	67 *	57 *	59 *	55 *	80 *
15	61 *	413 *	509 *	479 *	178 *	101 *	81 *	65 *	61 *	55 *	57 *	81 *
16	58 *	451 *	439 *	413 *	172 *	100 *	80 *	64 *	57 *	50 *	57 *	79 *
17	59 *	486 *	452 *	352 *	166 *	100 *	78 *	66 *	54 *	59 *	61 *	78 *
18	63 *	495 *	459 *	347 *	161 *	99 *	80 *	63 *	55 *	61 *	61 *	72 *
19	68 *	483 *	474 *	341 *	157 *	97 *	79 *		55 *	63 *	64 *	78 *
20	69 *	453 *	467 *	360 *	152 *	96 *	77 *		53 *	65 *	68 *	81 *
21	72 *	478 *	464 *	374 *	150 *	94 *	79 *		57 *	60 *	63 *	82 *
22	75 *	435 *	534 *	375 *	147 *	93 *	78 *		55 *	58 *	63 *	82 *
23	97 *	333 *	572 *	346 *	142 *	94 *	79 *		55 *	59 *	64 *	82 *
24	96 *	303 *	597 *	322 *	138 *	94 *	77 *		54 *	59 *	64 *	84 *
25	83 *	295 *	568 *	327 *	135 *	93 *	76 *		54 *	61 *	66 *	84 *
26	84 *	479 *	539 *	345 *	131 *	96 *	77 *		53 *	64 *	68 *	87 *
27	78 *	438 *	509 *	346 *	132 *	96 *	77 *		54 *	63 *	64 *	90 *
28	79 *	437 *	562 *	328 *	130 *	94 *	75 *		54 *	61 *	60 *	92 *
29	97 *		557 *	327 *	127 *	96 *	74 *		57 *	64 *	62 *	93 *
30	114 *		592 *	355 *	124 *	94 *	72 *		55 *	63 *	59 *	93 *
31	126 *		571 *		123 *		72 *			62 *		98 *
Nivel Max.	138 *	496 *	598 *	564 *	457 *	121 *	89 *		65 *	65 *	69 *	102 *
Día	31	18	30	12	3	1	1		vv	29	27	7
Hora	18	18	8	18	18	18	8			7	17	17
Nivel Min.	57 *	138 *	407 *	318 *	122 *	93 *	70 *		52 *	40 *	50 *	52 *
Día	16	1	2	24	31	vv	31		20	3	16	2
Hora	8	8	18	18	8		18		17	17	7	7
Nivel Medio	77	359	517	428	223	103	80		58	57	60	80

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H354	DAULE EN LA LINDA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	119 *	222 *	668 *	555 *	448 *	229 *	223 *	221 *	221 *	223 *	222 *	223 *
2	119 *	224 *	664 *	555 *	448 *	229 *	223 *	223 *	222 *	222 *	221 *	224 *
3	223 *	334 *	662 *	553 *	446 *	227 *	223 *	222 *	222 *	224 *	225 *	223 *
4	171 *	333 *	663 *	551 *	442 *	225 *	223 *	221 *	222 *	223 *	223 *	223 *
5	119 *	389 *	668 *	609 *	441 *	226 *	224 *	223 *	221 *	222 *	221 *	221 *
6	119 *	391 *	666 *	775 *	440 *	226 *	224 *	223 *	221 *	222 *	224 *	223 *
7	119 *	440 *	666 *	771 *	337 *	220 *	225 *	222 *	222 *	221 *	222 *	222 *
8	223 *	440 *	668 *	775 *	333 *	220 *	224 *	221 *	222 *	225 *	222 *	223 *
9	222 *		666 *	776 *	330 *	220 *	222 *	221 *	223 *	224 *	222 *	222 *
10	119 *	229 *	665 *	722 *	334 *	220 *	224 *	119 *	170 *	224 *	222 *	222 *
11	119 *	228 *	666 *	664 *	390 *	222 *	223 *	118 *	171 *	222 *	223 *	280 *
12	119 *	227 *	667 *	661 *	445 *	221 *	223 *	118 *	224 *	222 *	222 *	338 *
13	119 *	228 *	665 *	557 *	443 *	225 *	223 *	118 *	224 *	223 *	224 *	337 *
14	118 *	228 *	666 *	555 *	441 *	224 *	223 *	118 *	220 *	222 *	224 *	360 *
15	118 *	226 *	610 *	609 *	441 *	222 *	222 *	119 *	221 *	222 *	224 *	0 *
16	118 *	225 *	553 *	668 *	442 *	221 *	224 *	118 *	221 *	221 *	223 *	335 *
17	119 *	223 *	552 *	666 *	441 *	221 *	224 *	118 *	224 *	221 *	223 *	333 *
18	220 *	222 *	552 *	663 *	440 *	224 *	223 *	119 *	223 *	222 *	223 *	332 *
19	221 *	225 *	553 *	775 *	330 *	223 *	222 *	119 *	222 *	223 *	223 *	334 *
20	222 *	227 *	607 *	831 *	323 *	225 *	223 *	119 *	223 *	223 *	222 *	331 *
21	222 *	442 *	666 *	882 *	322 *	224 *	223 *	171 *	222 *	223 *	0 *	278 *
22	221 *	501 *	611 *	828 *	322 *	223 *	224 *	224 *	222 *	221 *	222 *	228 *
23	221 *	555 *	557 *	774 *	321 *	222 *	223 *	224 *	222 *	221 *	223 *	228 *
24	170 *	552 *	664 *	720 *	320 *	223 *	224 *	220 *	222 *	222 *	224 *	225 *
25	222 *	448 *	609 *	668 *	331 *	223 *	224 *	222 *	222 *	223 *	223 *	226 *
26	221 *	608 *	551 *	611 *	290 *	222 *	222 *	222 *	222 *	223 *	223 *	227 *
27	223 *	668 *	552 *	551 *	229 *	222 *	223 *	221 *	222 *	224 *	223 *	281 *
28	224 *	669 *	551 *	550 *	226 *	225 *	223 *	221 *	221 *	223 *	223 *	334 *
29	118 *		551 *	447 *	228 *	223 *	223 *	221 *	221 *	223 *	224 *	334 *
30	220 *		550 *	446 *	229 *	221 *	224 *	221 *	223 *		224 *	333 *
31	223 *		550 *		229 *		220 *	221 *				336 *
Nivel Max.	224 *		669 *	882 *	449 *	229 *	225 *	227 *	225 *		227 *	385 *
Día	28		8	21	1	vv	7	23	17		3	14
Hora	8		8	8	8		18	8	18		7	18
Nivel Min.	117 *		550 *	445 *	226 *	220 *	220 *	118 *	119 *		220 *	220 *
Día	16		vv	30	29	vv	31	11	10		7	5
Hora	8			18	8		8		18		7	18
Nivel Medio	172	359	618	659	361	223	223	183	218	222	215	265

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H359 PAJAN EN AGUA FRIA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	78 *	51 *	113 *	174 *	134 *	98 *	87 *	96 *	87 *	72 *	72 *	73 *
2	78 *	51 *	114 *	125 *	165 *	98 *	87 *	96 *	87 *	72 *	72 *	73 *
3	78 *	51 *	125 *	169 *	120 *	98 *	87 *	96 *	87 *	71 *	72 *	73 *
4	78 *	95 *	136 *	126 *	120 *	98 *	78 *	96 *	87 *	71 *	72 *	73 *
5	78 *	95 *	143 *	142 *	144 *	98 *	78 *	87 *	87 *	71 *	72 *	73 *
6	76 *	95 *	144 *	134 *	120 *	98 *	78 *	87 *	87 *	72 *	72 *	73 *
7	78 *	95 *	132 *	202 *	108 *	98 *	78 *	87 *	87 *	72 *	72 *	73 *
8	78 *	95 *	128 *	161 *	123 *	98 *	78 *	87 *	86 *	72 *	72 *	73 *
9	78 *	96 *	125 *	161 *	105 *	97 *	77 *	87 *	86 *	72 *	73 *	73 *
10	77 *	96 *	119 *	173 *	104 *	97 *	67 *	87 *	86 *	72 *	73 *	73 *
11	77 *	96 *	118 *	190 *	109 *	97 *	67 *	87 *	87 *	71 *	73 *	73 *
12	76 *	96 *	107 *	132 *	104 *	97 *	67 *	87 *	82 *	71 *	73 *	73 *
13	76 *	95 *	126 *	127 *	103 *	97 *	67 *	87 *	82 *	71 *	73 *	73 *
14	76 *	97 *	135 *	113 *	102 *	97 *	67 *	87 *	76 *	71 *	73 *	72 *
15	73 *	98 *	134 *	124 *	102 *	97 *	67 *	86 *	76 *	71 *	73 *	72 *
16	76 *	98 *	114 *	122 *	106 *	96 *	67 *	86 *	76 *	71 *	73 *	72 *
17	82 *	97 *	121 *	164 *	106 *	95 *	56 *	86 *	76 *	71 *	73 *	72 *
18	82 *	95 *	138 *	143 *	104 *	95 *	56 *	86 *	76 *	71 *	73 *	72 *
19	82 *	105 *	126 *	120 *	102 *	94 *	56 *	86 *	76 *	71 *	73 *	72 *
20	83 *	105 *	246 *	135 *	103 *	93 *	56 *	85 *	76 *	71 *	73 *	72 *
21	83 *	127 *	128 *	144 *	103 *	92 *	56 *	85 *	76 *	71 *	73 *	72 *
22	84 *	121 *	117 *	120 *	101 *	92 *	56 *	85 *	76 *	71 *	73 *	72 *
23	84 *	112 *	116 *	204 *	101 *	91 *	56 *	85 *	76 *	71 *	73 *	72 *
24	79 *	112 *	111 *	161 *	101 *	89 *	56 *	85 *	75 *	71 *	73 *	72 *
25	79 *	121 *	120 *	161 *	101 *	89 *	56 *	85 *	75 *	71 *	73 *	71 *
26	79 *	103 *	125 *	173 *	101 *	89 *	56 *	85 *	75 *	71 *	73 *	71 *
27	79 *	103 *	118 *	140 *	101 *	89 *	56 *	85 *	75 *	71 *	73 *	74 *
28	79 *	105 *	129 *	133 *	99 *	89 *	56 *	85 *	75 *	71 *	73 *	74 *
29	78 *		132 *	127 *	99 *	88 *	97 *	85 *	74 *	71 *	73 *	75 *
30	78 *		119 *	113 *	99 *	88 *	98 *	88 *	74 *	71 *	73 *	76 *
31	67 *		116 *		99 *		96 *	88 *				77 *
Nivel Max.	84 *	131 *	279 *	279 *	165 *	98 *	98 *	96 *	87 *		73 *	77 *
Día	vv	22	20	7	2	vv	30	vv	vv		vv	31
Hora		18	7	18	7		7					7
Nivel Min.	67 *	51 *	104 *	108 *	99 *	88 *	56 *	85 *	74 *		72 *	71 *
Día	31	vv	31	15	vv	vv	vv	vv	vv		vv	vv
Hora	18		7	7								
Nivel Medio	78	97	128	147	109	94	70	87	80	71	73	73

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H363 DAULE EN BALZAR												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	151 *	159 *	744 *	467 *	572 *	207 *	118 *	209 *	80 *	160 *	258 *	275 *
2	158 *	272 *	607 *	489 *	534 *	243 *	129 *	209 *	77 *	180 *	286 *	264 *
3	149 *	330 *	570 *	628 *	523 *	208 *	139 *	227 *	75 *	162 *	269 *	277 *
4	150 *	364 *	630 *	572 *	563 *	205 *	190 *	228 *	103 *	187 *	282 *	276 *
5	149 *	378 *	683 *	556 *	514 *	200 *	214 *	227 *	177 *	196 *	222 *	274 *
6	139 *	389 *	654 *	581 *	532 *	275 *	208 *	212 *	163 *	179 *	204 *	285 *
7	136 *	413 *	590 *	702 *	574 *	308 *	203 *	207 *	202 *	167 *	279 *	292 *
8	146 *	385 *	522 *	762 *	516 *	305 *	204 *	172 *	163 *	163 *	225 *	302 *
9	146 *	328 *	517 *	723 *	488 *	325 *	210 *	170 *	184 *	154 *	232 *	303 *
10	143 *	263 *	485 *	642 *	547 *	305 *	223 *	162 *	176 *	175 *	221 *	320 *
11	149 *	266 *	516 *	620 *	557 *	304 *	212 *	156 *	177 *	170 *	222 *	314 *
12	155 *	213 *	617 *	594 *	605 *	272 *	198 *	162 *	179 *	171 *	265 *	312 *
13	151 *	293 *	640 *	544 *	701 *	233 *	219 *	144 *	168 *	198 *	309 *	325 *
14	140 *	303 *	626 *	519 *	700 *	233 *	234 *	137 *	183 *	160 *	306 *	336 *
15	159 *	282 *	569 *	495 *	655 *	247 *	225 *	130 *	184 *	169 *	270 *	326 *
16	144 *	280 *	525 *	473 *	622 *	234 *	220 *	126 *	198 *	179 *	264 *	309 *
17	149 *	299 *	432 *	466 *	687 *	210 *	165 *	122 *	227 *	206 *	260 *	309 *
18	155 *	350 *	535 *	457 *	760 *	209 *	166 *	118 *	235 *	217 *	261 *	307 *
19	165 *	290 *	459 *	504 *	680 *	268 *	179 *	116 *	187 *	204 *	267 *	311 *
20	152 *	410 *	538 *	630 *	598 *	308 *	164 *	122 *	194 *	203 *	271 *	282 *
21	168 *	522 *	607 *	809 *	533 *	306 *	163 *	118 *	179 *	206 *	284 *	286 *
22	157 *	564 *	551 *	798 *	511 *	296 *	171 *	112 *	178 *	203 *	264 *	311 *
23	157 *	440 *	605 *	735 *	489 *	324 *	168 *	98 *	167 *	199 *	260 *	285 *
24	155 *	474 *	574 *	710 *	425 *	185 *	181 *	106 *	171 *	202 *	260 *	272 *
25	150 *	505 *	510 *	758 *	404 *	181 *	187 *	99 *	180 *	203 *	261 *	266 *
26	142 *	657 *	520 *	825 *	408 *	141 *	212 *	96 *	160 *	195 *	262 *	267 *
27	161 *	679 *	522 *	651 *	376 *	120 *	227 *	98 *	172 *	183 *	265 *	287 *
28	142 *	779 *	606 *	580 *	389 *	128 *	236 *	94 *	170 *	203 *	264 *	296 *
29	154 *		583 *	578 *	341 *	126 *	229 *	93 *	180 *	209 *	253 *	305 *
30	170 *		547 *	626 *	241 *	116 *	212 *	90 *	191 *	203 *	271 *	289 *
31	168 *		478 *		205 *		215 *	85 *		233 *		306 *
Nivel Max.	176 *	783 *	765 *	846 *	764 *	385 *	239 *	235 *	245 *	238 *	334 *	346 *
Día	30	28	1	26	18	23	14	4	18	31	14	14
Hora	18	7	7	7	7	7	18	18	7	18	7	7
Nivel Min.	131 *	154 *	425 *	456 *	203 *	113 *	113 *	83 *	74 *	143 *	202 *	246 *
Día	14	1	17	18	31	30	1	31	3	14	5	25
Hora	18	18	18	18	18	18	18	18	18	18	18	18
Nivel Medio	152	389	566	616	524	234	194	143	169	188	260	296

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

H365 DAULE EN LA CAPILLA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	253 *	305 *	820 *	589 *	634 *	394 *	336 *	322 *	292 *	291 *	319 *	346 *
2	257 *	334 *	744 *	691 *	591 *	387 *	343 *	322 *	289 *	283 *	339 *	355 *
3	260 *	371 *	648 *	791 *	582 *	382 *	335 *	325 *	283 *	286 *	360 *	354 *
4	265 *	404 *	737 *	755 *	573 *	378 *	335 *	326 *	282 *	286 *	352 *	355 *
5	263 *	484 *	815 *	700 *	562 *	375 *	340 *	326 *	278 *	287 *	345 *	358 *
6	258 *	466 *	789 *	690 *	560 *	375 *	341 *	325 *	283 *	288 *	321 *	363 *
7	262 *	513 *	727 *	707 *	583 *	400 *	339 *	321 *	285 *	293 *	319 *	367 *
8	261 *	479 *	676 *	845 *	565 *	407 *	335 *	320 *	289 *	281 *	344 *	374 *
9	263 *	449 *	634 *	799 *	535 *	406 *	366 *	320 *	279 *	283 *	323 *	378 *
10	261 *	411 *	687 *	773 *	531 *	405 *	331 *	323 *	285 *	284 *	315 *	388 *
11	261 *	387 *	709 *	708 *	565 *	405 *	334 *	320 *	283 *	278 *	310 *	393 *
12	263 *	360 *	706 *	676 *	586 *	404 *	334 *	308 *	282 *	283 *	342 *	391 *
13	250 *	371 *	733 *	631 *	632 *	399 *	335 *	295 *	290 *	289 *	346 *	392 *
14	264 *	409 *	746 *	583 *	666 *	402 *	335 *	291 *	289 *	297 *	381 *	393 *
15	261 *	402 *	713 *	565 *	651 *	404 *	337 *	295 *	283 *	277 *	368 *	393 *
16	262 *	378 *	639 *	587 *	629 *	401 *	333 *	295 *	286 *	274 *	351 *	391 *
17	261 *	383 *	568 *	647 *	675 *	398 *	330 *	294 *	284 *	284 *	349 *	384 *
18	264 *	457 *	546 *	649 *	693 *	397 *	326 *	297 *	306 *	305 *	343 *	386 *
19	272 *	472 *	526 *	672 *	680 *	395 *	324 *	295 *	320 *	306 *	344 *	389 *
20	280 *	499 *	706 *	710 *	625 *	395 *	326 *	292 *	296 *	304 *	346 *	382 *
21	277 *	591 *	783 *	758 *	576 *	394 *	326 *	295 *	290 *	304 *	346 *	366 *
22	277 *	655 *	699 *	745 *	559 *	395 *	326 *	291 *	287 *	305 *	364 *	364 *
23	275 *	646 *	674 *	724 *	528 *	368 *	326 *	290 *	279 *	305 *	354 *	361 *
24	272 *	580 *	670 *	682 *	523 *	351 *	324 *	293 *	285 *	305 *	348 *	360 *
25	268 *	599 *	619 *	690 *	497 *	349 *	325 *	296 *	285 *	306 *	346 *	357 *
26	272 *	614 *	593 *	723 *	483 *	354 *	327 *	292 *	285 *	307 *	345 *	347 *
27	269 *	726 *	589 *	687 *	476 *	344 *	327 *	289 *	285 *	305 *	344 *	354 *
28	268 *	828 *	704 *	625 *	473 *	339 *	329 *	288 *	286 *	294 *	345 *	364 *
29	264 *		729 *	604 *	476 *	337 *	332 *	288 *	286 *	285 *	344 *	374 *
30	273 *		664 *	620 *	437 *	337 *	324 *	288 *	287 *	295 *	343 *	379 *
31	294 *		614 *		404 *		323 *	289 *		303 *		370 *
Nivel Max.	294 *	863 *	843 *	855 *	703 *	408 *	398 *	328 *	327 *	308 *	389 *	394 *
Día	31	28	1	8	18	8	9	5	19	19	14	11
Hora	6	18	6	6	18	18	17	6	6	6	6	6
Nivel Min.	249 *	304 *	514 *	565 *	403 *	336 *	319 *	284 *	270 *	269 *	307 *	340 *
Día	1	1	19	15	31	30	31	29	5	15	11	1
Hora	17	17	6	18	18	18	17	17	17	17	6	6
Nivel Medio	266	485	684	687	566	382	332	303	287	292	343	372

NOTA: * DATOS LIMNIMETRICOS

2002

H371 SAN PABLO EN PALMAR												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		127 *	376 *	547 *	478 *	210 *	119 *	95 *	53 *	43 *	58 *	48 *
2		160 *	429 *	540 *	472 *	208 *	119 *	92 *	53 *	41 *	55 *	45 *
3		234 *	418 *	514 *	423 *	206 *	117 *	84 *	53 *	43 *	55 *	43 *
4		318 *	539 *	479 *	403 *	201 *	115 *	84 *	53 *	46 *	55 *	42 *
5		478 *	605 *	491 *	366 *	196 *	112 *	79 *	53 *	51 *	56 *	43 *
6		512 *	606 *	498 *	349 *	204 *	108 *	77 *	53 *	54 *	60 *	90 *
7		522 *	596 *	538 *	336 *	209 *	104 *	77 *	53 *	78 *	63 *	99 *
8		467 *	607 *	623 *	333 *	198 *	104 *	75 *	53 *	96 *	66 *	74 *
9		424 *	641 *	615 *	327 *	186 *	103 *	70 *	53 *	88 *	67 *	71 *
10		449 *	643 *	594 *	317 *	184 *	102 *	68 *	53 *	83 *	69 *	67 *
11		505 *	633 *	595 *	311 *	180 *	104 *	68 *	51 *	77 *	66 *	64 *
12		522 *	586 *	509 *	290 *	177 *	102 *	66 *	48 *	76 *	60 *	60 *
13		485 *	566 *	487 *	289 *	174 *	99 *	66 *	46 *	74 *	58 *	57 *
14		419 *	517 *	490 *	285 *	171 *	99 *	66 *	46 *	67 *	57 *	52 *
15		459 *	514 *	493 *	343 *	167 *	98 *	66 *	46 *	63 *	55 *	54 *
16		522 *	537 *	477 *	357 *	160 *	96 *	66 *	46 *	48 *	53 *	50 *
17		504 *	570 *	530 *	340 *	156 *	96 *	66 *	46 *	35 *	51 *	45 *
18		494 *	534 *	510 *	339 *	153 *	97 *	65 *	45 *	32 *	51 *	42 *
19		496 *	565 *	534 *	513 *	150 *	97 *	62 *	43 *	41 *	50 *	41 *
20		456 *	594 *	535 *	436 *	144 *	95 *	61 *	43 *	43 *	49 *	42 *
21		381 *	641 *	527 *	371 *	142 *	94 *	61 *	42 *	44 *	47 *	45 *
22		368 *	635 *	506 *	343 *	144 *	97 *	61 *	42 *	45 *	48 *	43 *
23		347 *	605 *	504 *	296 *	146 *	99 *	61 *	42 *	45 *	46 *	45 *
24		231 *	377 *	601 *	481 *	285 *	140 *	61 *	42 *	47 *	42 *	50 *
25		232 *	368 *	584 *	432 *	285 *	137 *	60 *	42 *	47 *	43 *	63 *
26		234 *	389 *	563 *	401 *	279 *	136 *	58 *	41 *	46 *	46 *	78 *
27		239 *	371 *	546 *	462 *	268 *	135 *	54 *	41 *	52 *	49 *	87 *
28		230 *	381 *	578 *	596 *	251 *	133 *	53 *	41 *	56 *	52 *	80 *
29		222 *		569 *	580 *	239 *	132 *	53 *	41 *	57 *	49 *	82 *
30		209 *		528 *	536 *	229 *	125 *	53 *	41 *	61 *	56 *	107 *
31		153 *		536 *		215 *		97 *		59 *		185 *
Nivel Max.		541 *	647 *	648 *	518 *	211 *	119 *	53 *	53 *	99 *	69 *	185 *
Día		7	9	8	19	1	vv		vv	8	10	31
Hora		18	6	18	18	6				6	18	6
Nivel Min.		124 *	354 *	397 *	211 *	121 *	94 *	41 *	41 *	31 *	41 *	41 *
Día		1	1	26	31	30	21		vv	18	24	18
Hora		6	6	6	18	18	18			18	18	18
Nivel Medio		412	563	521	334	167	102	68	47	56	54	64

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H373 VERNAZA DD VINCES												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	81 *	261 *	359 *	448 *	454 *	162 *	151 *	100 *	66 *			
2	80 *	280 *	400 *	445 *	447 *	153 *	147 *	99 *	67 *			
3	82 *	277 *	405 *	456 *	427 *	143 *	145 *	99 *	68 *			
4	100 *	269 *	433 *	439 *	417 *	185 *	141 *	98 *	68 *			
5	98 *	329 *	481 *	425 *	396 *	173 *	139 *	96 *	67 *			
6	92 *	356 *	484 *	424 *	386 *	155 *	137 *	96 *	64 *			
7	97 *	398 *	484 *	449 *	399 *	149 *	135 *	94 *	63 *			
8	93 *	463 *	482 *	476 *	372 *	136 *	134 *	93 *	63 *			
9	92 *	471 *	484 *	471 *	322 *	132 *	134 *	92 *	62 *			
10	94 *	433 *	484 *	446 *	309 *	123 *	134 *	90 *	61 *			
11	125 *	424 *	480 *	446 *	331 *	160 *	132 *	89 *	61 *			
12	110 *	405 *	468 *	466 *	319 *	183 *	130 *	89 *				
13	105 *	414 *	463 *	445 *	301 *	186 *	126 *	89 *				
14	105 *	429 *	459 *	430 *	317 *	178 *	125 *	87 *				
15	100 *	408 *	437 *	425 *	284 *	186 *	124 *	85 *				
16	95 *	384 *	431 *	460 *	275 *	173 *	122 *	84 *				
17	102 *	378 *	449 *	458 *	265 *	181 *	117 *	82 *				
18	115 *	375 *	455 *	432 *	254 *	183 *	118 *	81 *				
19	116 *	357 *	445 *	409 *	247 *	173 *	116 *	81 *				
20	119 *	346 *	460 *	394 *	251 *	177 *	115 *	79 *				
21	125 *	337 *	484 *	451 *	229 *	185 *	114 *	78 *				
22	119 *	333 *	478 *	475 *	265 *	173 *	114 *	75 *				
23	132 *	326 *	463 *	483 *	257 *	165 *	113 *	74 *				
24	123 *	328 *	475 *	472 *	250 *	162 *	111 *	73 *				
25	125 *	329 *	461 *	452 *	238 *	156 *	109 *	72 *				
26	125 *	317 *	438 *	431 *	219 *	151 *	107 *	72 *				
27	124 *	316 *	429 *	426 *	204 *	147 *	106 *	72 *				
28	133 *	317 *	441 *	439 *	199 *	143 *	105 *	70 *				
29	136 *		473 *	420 *	191 *	140 *	106 *	69 *				
30	160 *		466 *	444 *	177 *	136 *	104 *	67 *				
31	211 *		450 *		174 *		102 *	66 *				
Nivel Max.	222 *	476 *	485 *	484 *	455 *	200 *	151 *	100 *				
Día	31	9	21	23	1	4	1	1				
Hora	18	7	18	7	18	18	7	7				
Nivel Min.	80 *	247 *	355 *	392 *	172 *	121 *	101 *	66 *				
Día	1	1	1	20	31	10	31	31				
Hora	18	7	7	18	7	18	18	18				
Nivel Medio	113	359	455	444	296	161	123	83				

NOTA: * DATOS LIMNIMETRICOS

2002

H375 CHANCHAN DJ HUATAXI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	99 *	90 *	81 *	64 *	46 *	37 *	30 *	51 *	65 *	59 *	46 *	79 *
2	109 *	92 *	81 *	63 *	44 *	37 *	30 *	50 *	63 *	59 *	49 *	77 *
3	111 *	94 *	80 *	64 *	43 *	37 *	30 *	51 *	64 *	58 *	49 *	76 *
4	107 *	94 *	81 *	67 *	43 *	37 *	30 *	52 *	64 *	57 *	50 *	74 *
5	109 *	94 *	78 *	66 *	42 *	37 *	31 *	63 *	64 *	57 *	55 *	74 *
6	110 *	94 *	76 *	65 *	41 *	37 *	32 *	66 *	64 *	56 *	56 *	74 *
7	109 *	94 *	76 *	65 *	42 *	37 *	33 *	65 *	64 *	59 *	60 *	74 *
8	113 *	94 *	76 *	63 *	42 *	35 *	34 *	64 *	66 *	55 *	65 *	73 *
9	107 *	94 *	75 *	63 *	41 *	35 *	36 *	65 *	67 *	54 *	72 *	73 *
10	111 *	94 *	76 *	61 *	41 *	35 *	35 *	65 *	66 *	55 *	73 *	72 *
11	109 *	92 *	75 *	61 *	42 *	35 *	34 *	64 *	65 *	54 *	74 *	72 *
12	107 *	92 *	75 *	59 *	44 *	35 *	33 *	64 *	65 *	55 *	74 *	73 *
13	112 *	92 *	74 *	59 *	42 *	35 *	32 *	64 *	66 *	55 *	70 *	72 *
14	117 *	92 *	76 *	55 *	44 *	35 *	32 *	65 *	65 *	55 *	63 *	72 *
15	114 *	92 *	76 *	58 *	43 *	35 *	32 *	66 *	65 *	54 *	68 *	72 *
16	111 *	88 *	74 *	56 *	43 *	35 *	32 *	66 *	66 *	54 *	64 *	71 *
17	107 *	87 *	71 *	51 *	40 *	32 *	30 *	74 *	63 *	50 *	88 *	68 *
18	106 *	87 *	71 *	51 *	41 *	32 *	30 *	73 *	63 *	51 *	91 *	68 *
19	103 *	87 *	71 *	51 *	40 *	33 *	31 *	70 *	63 *	50 *	92 *	68 *
20	101 *	86 *	71 *	51 *	42 *	33 *	30 *	70 *	63 *	52 *	95 *	66 *
21	101 *	86 *	72 *	51 *	42 *	33 *	24 *	67 *	62 *	52 *	94 *	65 *
22	98 *	86 *	71 *	50 *	42 *	32 *	30 *	67 *	61 *	48 *	95 *	65 *
23	97 *	85 *	70 *	49 *	43 *	32 *	34 *	66 *	61 *	47 *	94 *	65 *
24	97 *	85 *	69 *	49 *	42 *	32 *	30 *	66 *	61 *	46 *	95 *	65 *
25	98 *	85 *	69 *	49 *	43 *	32 *	42 *	66 *	61 *	46 *	97 *	63 *
26	97 *	84 *	69 *	49 *	44 *	32 *	45 *	63 *	61 *	47 *	93 *	62 *
27	97 *	84 *	69 *	49 *	42 *	32 *	43 *	68 *	61 *	48 *	90 *	63 *
28	97 *	84 *	69 *	49 *	42 *	32 *	42 *	67 *	62 *	48 *	92 *	63 *
29	97 *		68 *	49 *	43 *	32 *	42 *	67 *	62 *	48 *	91 *	62 *
30	97 *		68 *	48 *	42 *	32 *	43 *	67 *	62 *	47 *	86 *	63 *
31	98 *							68 *		45 *		61 *
Nivel Max.	118 *	94 *		70 *		38 *		84 *	68 *	60 *	106 *	80 *
Día	14	vv		1		1		6	9	2	11	1
Hora	7			7		7		17	7	7	17	7
Nivel Min.	96 *	84 *		48 *		30 *		42 *	60 *	44 *	38 *	60 *
Día	29	vv		28		18		3	24	31	14	31
Hora	17			17		17		7	17	17	7	17
Nivel Medio	105	90	74	56	42	34	34	65	64	52	76	69

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H378	LAS JUNTAS DJ SINDE(UMBE DJ PIN.)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	42 *	73 *	82 *	102 *	129 *	54 *	37 *	30 *	28 *			
2	42 *	73 *	88 *	100 *	120 *	51 *	37 *	30 *	27 *			
3	42 *	82 *	87 *	111 *	115 *	49 *	36 *	30 *	27 *			
4	42 *	100 *	113 *	104 *	100 *	45 *	35 *	30 *	28 *			
5	42 *	128 *	125 *	100 *	110 *	40 *	35 *	29 *	28 *			
6	42 *	105 *	119 *	110 *	105 *	40 *	35 *	29 *	28 *			
7	42 *	100 *	117 *	130 *	100 *	40 *	35 *	29 *	28 *			
8	42 *	100 *	130 *	110 *	100 *	40 *	34 *	29 *	28 *			
9	42 *	90 *	100 *	110 *	118 *	40 *	34 *	29 *	28 *			
10	41 *	91 *	100 *	110 *	120 *	40 *	34 *	29 *				
11	34 *	82 *	100 *	112 *	110 *	40 *	34 *	29 *				
12	34 *	82 *	100 *	111 *	110 *	40 *	34 *	29 *				
13	34 *	81 *	100 *	100 *	113 *	40 *	34 *	29 *				
14	34 *	81 *	100 *	100 *	120 *	40 *	33 *	29 *				
15	40 *	81 *	100 *	100 *	123 *	40 *	33 *	29 *				
16	41 *	82 *	100 *	104 *	118 *	38 *	32 *	29 *				
17	41 *	90 *	90 *	116 *	115 *	38 *	32 *	29 *				
18	41 *	90 *	95 *	120 *	125 *	38 *	32 *	28 *				
19	42 *	90 *	98 *	123 *	145 *	38 *	32 *	28 *				
20	41 *	85 *	120 *	124 *	130 *	38 *	32 *	28 *				
21	41 *	84 *	110 *	122 *	125 *	37 *	32 *	28 *				
22	42 *	75 *	100 *	120 *	120 *	37 *	32 *	28 *				
23	42 *	79 *	90 *	100 *	115 *	37 *	32 *	28 *				
24	42 *	69 *	85 *	106 *	110 *	37 *	32 *	28 *				
25	42 *	73 *	90 *	113 *	100 *	37 *	31 *	28 *				
26	42 *	79 *	100 *	123 *	95 *	37 *	27 *	28 *				
27	42 *	79 *	115 *	128 *	88 *	37 *	27 *	28 *				
28	44 *	82 *	150 *	125 *	80 *	37 *	26 *	28 *				
29	80 *		135 *	140 *	73 *	36 *	28 *	28 *				
30	77 *		100 *	130 *	68 *	36 *	30 *	28 *				
31	72 *		100 *		60 *		30 *	28 *				
Nivel Max.	80 *	150 *	150 *	145 *	150 *	55 *	37 *	30 *				
Día	30	5	28	7	19	1	vv	vv				
Hora	18	8	17	7	7	7						
Nivel Min.	34 *	68 *	80 *	100 *	60 *	36 *	26 *	28 *				
Día	vv	24	1	vv	31	vv	28	vv				
Hora		17	17		17		6					
Nivel Medio	44	86	104	113	108	40	32	29				

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H385	ANGAS AJ CHANCHAN											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	29 *	22 *	52 *	54 *	60 *	23 *	16 *	15 *	11 *	11 *	22 *	24 *
2	29 *	22 *	52 *	96 *	57 *	23 *	15 *	15 *	11 *	13 *	23 *	26 *
3	28 *	22 *	54 *	68 *	55 *	23 *	15 *	15 *	11 *	11 *	25 *	27 *
4	27 *	42 *	55 *	58 *	51 *	22 *	14 *	15 *	11 *	10 *	27 *	27 *
5	27 *	44 *	56 *	55 *	49 *	22 *	14 *	15 *	11 *	9 *	25 *	25 *
6	26 *	42 *	55 *	53 *	46 *	22 *	13 *	14 *	11 *	9 *	24 *	36 *
7	24 *	36 *	53 *	54 *	46 *	21 *	14 *	14 *	11 *	9 *	23 *	36 *
8	23 *	34 *	52 *	55 *	46 *	21 *	15 *	14 *	11 *	9 *	22 *	35 *
9	21 *	31 *	49 *	57 *	45 *	21 *	15 *	14 *	10 *	10 *	22 *	35 *
10	20 *	29 *	49 *	70 *	40 *	20 *	15 *	13 *	10 *	10 *	22 *	30 *
11	18 *	28 *	49 *	79 *	38 *	19 *	15 *	13 *	10 *	10 *	23 *	28 *
12	17 *	28 *	59 *	63 *	37 *	18 *	15 *	12 *	10 *	11 *	23 *	27 *
13	17 *	31 *	58 *	58 *	36 *	18 *	14 *	12 *	10 *	11 *	41 *	26 *
14	17 *	34 *	56 *	57 *	35 *	17 *	14 *	12 *	10 *	11 *	44 *	26 *
15	17 *	32 *	54 *	53 *	33 *	17 *	14 *	12 *	10 *	10 *	36 *	26 *
16	18 *	30 *	51 *	49 *	32 *	16 *	16 *	12 *	10 *	9 *	33 *	26 *
17	25 *	32 *	51 *	47 *	32 *	16 *	17 *	12 *	10 *	11 *	29 *	28 *
18	25 *	34 *	51 *	47 *	32 *	15 *	17 *	12 *	10 *	13 *	26 *	28 *
19	24 *	41 *	60 *	47 *	32 *	14 *	17 *	12 *	10 *	16 *	28 *	28 *
20	22 *	47 *	60 *	49 *	34 *	13 *	17 *	12 *	10 *	16 *	27 *	28 *
21	20 *	45 *	66 *	49 *	36 *	13 *	17 *	12 *	10 *	18 *	26 *	28 *
22	19 *	43 *	67 *	66 *	37 *	12 *	17 *	12 *	10 *	19 *	25 *	36 *
23	18 *	43 *	63 *	60 *	36 *	15 *	17 *	11 *	10 *	19 *	24 *	34 *
24	18 *	43 *	60 *	62 *	30 *	17 *	17 *	11 *	10 *	19 *	23 *	33 *
25	18 *	46 *	58 *	80 *	29 *	17 *	17 *	11 *	10 *	23 *	22 *	33 *
26	18 *	48 *	56 *	71 *	29 *	17 *	17 *	11 *	9 *	25 *	21 *	35 *
27	18 *	48 *	62 *	78 *	29 *	17 *	16 *	10 *	9 *	26 *	21 *	42 *
28	19 *	48 *	65 *	69 *	28 *	16 *	16 *	10 *	9 *	24 *	20 *	43 *
29	19 *		65 *	65 *	27 *	16 *	16 *	10 *	9 *	21 *	19 *	44 *
30	18 *		67 *	60 *	26 *	16 *	16 *	10 *	9 *	21 *	19 *	44 *
31	19 *		60 *		24 *		16 *	10 *		21 *		41 *
Nivel Max.	29 *	48 *	72 *	100 *	60 *	23 *	17 *	15 *	11 *	26 *	54 *	47 *
Día	vv	vv	21	2	1	vv	vv	vv	vv	27	13	27
Hora			18	18	6					6	18	18
Nivel Min.	16 *	22 *	49 *	47 *	23 *	12 *	13 *	10 *	9 *	9 *	19 *	19 *
Día	15	vv	vv	vv	31	21	5	vv	vv	vv	vv	1
Hora	18				18	6	18					6
Nivel Medio	21	37	57	61	38	18	16	12	10	15	25	32

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H388 NUEVO DD VINCES												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	Seco	133 *	218 *	332 *	343 *	61 *	Seco					
2	Seco	98 *	258 *	322 *	330 *	50 *	Seco					
3	Seco	90 *	264 *	339 *	304 *	44 *	Seco					
4	Seco	91 *	318 *	314 *	289 *	108 *	Seco					
5	Seco	188 *	400 *	294 *	266 *	177 *	Seco					
6	Seco	225 *	423 *	309 *	250 *	52 *	Seco					
7	Seco	275 *	414 *	336 *	262 *	45 *	Seco					
8	Seco	366 *	410 *	383 *	329 *	33 *	Seco					
9	Seco	379 *	417 *	365 *	209 *	28 *	Seco					
10	Seco	307 *	414 *	315 *	197 *	17 *	Seco					
11	Seco	286 *	398 *	327 *	222 *	10 *	Seco					
12	Seco	261 *	371 *	360 *	211 *	6 *	Seco					
13	Seco	269 *	353 *	325 *	184 *	10 *	Seco					
14	Seco	291 *	339 *	309 *	190 *	4 *	Seco					
15	Seco	263 *	296 *	315 *	165 *	4 *	Seco					
16	Seco	235 *	293 *	355 *	157 *	3 *	Seco					
17	Seco	229 *	334 *	343 *	150 *	114 *	Seco					
18	Seco	220 *	342 *	309 *	149 *	121 *	Seco					
19	Seco	247 *	325 *	285 *	151 *	51 *	Seco					
20	Seco	187 *	453 *	273 *	155 *	58 *	Seco					
21	Seco	178 *	414 *	353 *	140 *	116 *	Seco					
22	Seco	179 *	386 *	380 *	176 *	51 *	Seco					
23	Seco	165 *	362 *	399 *	170 *	Seco	Seco					
24	Seco	167 *	389 *	378 *	159 *	Seco	Seco					
25	Seco	160 *	353 *	338 *	141 *	Seco	Seco					
26	Seco	154 *	334 *	309 *	119 *	Seco	Seco					
27	Seco	158 *	342 *	306 *	104 *	Seco	Seco					
28	Seco	166 *	333 *	319 *	95 *	Seco	Seco					
29	Seco		379 *	303 *	89 *	Seco	Seco					
30	Seco		359 *	326 *	75 *	Seco	Seco					
31	25 *		325 *		70 *		Seco					
Nivel Max.	25	386 *	570 *	403 *	420 *	Seco	Seco					
Día	31	9	20	23	8	vv	vv					
Hora		7	18	7	7							
Nivel Mín.	Seco	78 *	210 *	268 *	68 *	Seco	Seco					
Día	vv	1	1	20	31	vv	vv					
Hora		7	7	7	18							
Nivel Medio	Seco	213	355	331	189	53	Seco					

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H390 CHIMBO AJ MILAGRO INAMHI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	12 *	70 *	196 *	249 *					53 *	Seco	180 *	31 *
2	14 *	39 *	162 *	244 *					53 *	Seco	160 *	31 *
3	40 *	28 *	147 *	234 *					53 *	Seco	115 *	32 *
4	Seco	60 *	265 *	244 *					52 *	Seco	100 *	31 *
5	Seco	142 *	245 *	221 *					52 *	Seco	115 *	8 *
6	Seco	211 *	225 *	212 *					52 *	Seco	85 *	4 *
7	Seco	207 *	276 *	253 *					51 *	44 *	45 *	5 *
8	Seco	128 *	297 *	243 *					51 *	43 *	35 *	5 *
9	Seco	111 *	344 *	250 *					50 *	42 *	25 *	5 *
10	Seco	78 *	303 *	262 *					50 *	38 *	26 *	2 *
11	Seco	66 *	291 *	252 *					50 *	37 *	45 *	2 *
12	Seco	75 *	308 *	252 *					50 *	42 *	35 *	3 *
13	Seco	85 *	311 *	260 *					50 *	41 *	55 *	4 *
14	Seco	100 *	257 *	230 *					50 *	36 *	45 *	6 *
15	Seco	96 *	272 *	224 *					50 *	43 *	50 *	5 *
16	Seco	101 *	289 *	202 *					50 *	39 *	50 *	7 *
17	Seco	110 *	228 *	244 *					50 *	39 *	50 *	6 *
18	Seco	87 *	221 *	240 *					50 *	40 *	40 *	5 *
19	Seco	87 *	265 *	229 *					49 *	33 *	40 *	6 *
20	3 *	91 *	341 *	227 *					49 *	33 *	60 *	5 *
21	2 *	84 *	346 *	217 *					49 *	32 *	45 *	5 *
22	Seco	89 *	302 *	212 *					49 *	33 *	55 *	5 *
23	Seco	104 *	282 *	259 *					49 *	22 *	45 *	6 *
24	Seco	124 *	242 *	250 *					49 *	26 *	45 *	5 *
25	Seco	152 *	273 *	267 *					49 *	28 *	55 *	5 *
26	Seco	129 *	269 *	263 *					49 *	26 *	75 *	5 *
27	Seco	202 *	297 *	246 *					49 *	13 *	45 *	7 *
28	Seco	223 *	291 *	244 *					49 *	10 *	50 *	5 *
29	Seco		267 *	232 *					49 *	10 *	55 *	5 *
30	Seco		321 *	208 *					49 *	18 *	50 *	19 *
31	0 *		285 *							18 *		21 *
Nivel Max.	3	238 *	361 *	309 *					53 *	44	180 *	32 *
Día	20	27	20	23					vv	7	1	1
Hora		18	18	7							7	7
Nivel Mín.	Seco	27 *	138 *	197 *					49 *	Seco	12 *	1 *
Día	vv	3	3	6					vv	vv	10	12
Hora		18	7	18							18	18
Nivel Medio	Seco	110	271	239					50	31	63	9

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H400 PEDRO CARBO EN PEDRO CARBO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	Seco	122 *	200 *	310 *	60 *	80 *	20 *	20 *	20 *	25 *	30 *	30 *
2	Seco	122 *	185 *	265 *	60 *	80 *	20 *	20 *	20 *	25 *	30 *	30 *
3	Seco	122 *	190 *	310 *	70 *	70 *	30 *	20 *	20 *	25 *	30 *	30 *
4	Seco	111 *	350 *	210 *	60 *	90 *	30 *	20 *	20 *	25 *	30 *	30 *
5	Seco	100 *	265 *	220 *	80 *	90 *	30 *	20 *	20 *	25 *	30 *	30 *
6	Seco	90 *	200 *	225 *	73 *	90 *	30 *	20 *	20 *	25 *	30 *	30 *
7	Seco	90 *	200 *	290 *	72 *	90 *	40 *	20 *	20 *	25 *	30 *	30 *
8	Seco	100 *	295 *	200 *	71 *	90 *	40 *	20 *	20 *	25 *	30 *	30 *
9	Seco	111 *	295 *	130 *	60 *	90 *	40 *	20 *	20 *	25 *	30 *	30 *
10	Seco	100 *	295 *	115 *	50 *	90 *	40 *	20 *	20 *	25 *	30 *	30 *
11	Seco	125 *	300 *	200 *	60 *	90 *	40 *	20 *	20 *	25 *	30 *	30 *
12	Seco	100 *	300 *	135 *	50 *	90 *	40 *	20 *	20 *	25 *	30 *	30 *
13	Seco	95 *	250 *	200 *	50 *	90 *	40 *	20 *	20 *	25 *	30 *	30 *
14	Seco	90 *	180 *	205 *	50 *	90 *	40 *	20 *	20 *	25 *	30 *	30 *
15	Seco	121 *	190 *	165 *	50 *	90 *	35 *	20 *	20 *	25 *	30 *	30 *
16	Seco	118 *	220 *	107 *	50 *	90 *	35 *	20 *	20 *	25 *	30 *	30 *
17	Seco	119 *	200 *	100 *	70 *	70 *	30 *	20 *	20 *	30 *	30 *	30 *
18	Seco	100 *	215 *	100 *	60 *	70 *	30 *	20 *	20 *	30 *	30 *	30 *
19	Seco	118 *	300 *	105 *	55 *	70 *	30 *	20 *	20 *	30 *	30 *	30 *
20	Seco	120 *	290 *	105 *	50 *	60 *	30 *	20 *	20 *	30 *	30 *	30 *
21	Seco	121 *	200 *	90 *	50 *	50 *	30 *	20 *	20 *	30 *	30 *	30 *
22	Seco	120 *	290 *	90 *	50 *	50 *	30 *	20 *	20 *	30 *	30 *	30 *
23	Seco	121 *	268 *	80 *	60 *	40 *	21 *	20 *	20 *	30 *	30 *	30 *
24	Seco	120 *	200 *	80 *	60 *	40 *	21 *	20 *	20 *	30 *	30 *	30 *
25	Seco	255 *	200 *	83 *	55 *	40 *	21 *	20 *	20 *	30 *	30 *	30 *
26	30 *	195 *	330 *	95 *	50 *	40 *	21 *	20 *	20 *	30 *	30 *	30 *
27	30 *	100 *	315 *	103 *	50 *	20 *	21 *	20 *	20 *	30 *	30 *	30 *
28	30 *	195 *	215 *	100 *	45 *	20 *	21 *	20 *	20 *	30 *	30 *	30 *
29	30 *		330 *	100 *	40 *	20 *	21 *	20 *	20 *	30 *	30 *	30 *
30	30 *		200 *	100 *	50 *	20 *	21 *	20 *	20 *	30 *	30 *	30 *
31	30 *		305 *				21 *	20 *		30 *		30 *
Nivel Max.	30	310 *	400 *	380 *		90 *	40 *	20 *		30 *	30 *	30 *
Día	vv	25	4	7		vv	vv	vv		vv	vv	vv
Hora		7	7	7								
Nivel Min.	Seco	90 *	160 *	80 *		20 *	20 *	20 *		20 *	30 *	30 *
Día	vv	vv	14	vv		vv	vv	vv		11	vv	vv
Hora			18							7		
Nivel Medio	Seco	121	251	154	57	67	30	20	20	27	30	30

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H402 CONGO EN PTE.CARRETERA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	128 *	218 *	498 *	673 *	397 *	205 *	152 *	122 *	112 *	107 *	137 *	96 *
2	138 *	262 *	487 *	681 *	392 *	207 *	152 *	121 *	111 *	106 *	136 *	94 *
3	132 *	343 *	492 *	683 *	388 *	197 *	152 *	120 *	111 *	106 *	125 *	93 *
4	125 *	427 *	517 *	671 *	377 *	187 *	148 *	119 *	111 *	105 *	124 *	92 *
5	114 *	448 *	537 *	682 *	372 *	187 *	148 *	119 *	111 *	105 *	123 *	100 *
6	113 *	431 *	536 *	Crecida	367 *	187 *	148 *	118 *	111 *	103 *	124 *	108 *
7	103 *	397 *	517 *	Crecida	358 *	187 *	145 *	118 *	118 *	103 *	122 *	111 *
8	95 *	386 *	507 *	Crecida	391 *	187 *	148 *	113 *	114 *	102 *	115 *	109 *
9	94 *	348 *	544 *	Crecida	423 *	175 *	148 *	114 *	117 *	102 *	111 *	123 *
10	95 *	305 *	496 *	Crecida	437 *	176 *	146 *	115 *	110 *	99 *	110 *	121 *
11	95 *	287 *	493 *	Crecida	492 *	176 *	143 *	114 *	104 *	99 *	106 *	121 *
12	94 *	286 *	481 *	512 *	547 *	177 *	141 *	114 *	105 *	98 *	104 *	117 *
13	96 *	358 *	477 *	502 *	612 *	174 *	141 *	115 *	104 *	96 *	104 *	115 *
14	94 *	336 *	447 *	447 *	626 *	177 *	135 *	117 *	104 *	96 *	104 *	125 *
15	94 *	317 *	417 *	403 *	583 *	176 *	135 *	117 *	105 *	95 *	104 *	126 *
16	95 *	318 *	397 *		552 *	177 *	136 *	117 *	103 *	94 *	104 *	127 *
17	96 *	292 *	563 *	357 *	503 *	178 *	136 *	113 *	106 *	94 *	98 *	138 *
18	118 *	282 *	597 *	348 *	486 *	178 *	135 *	115 *	106 *	94 *	97 *	136 *
19	128 *	276 *	653 *	392 *	473 *	177 *	134 *	115 *	106 *	93 *	103 *	134 *
20	134 *	277 *	637 *	552 *	451 *	176 *	134 *	115 *	105 *	92 *	101 *	140 *
21	148 *	327 *	627 *	643 *	448 *	176 *	133 *	120 *	105 *	92 *	100 *	137 *
22	145 *	312 *	608 *	612 *	431 *	174 *	135 *	115 *	105 *	91 *	103 *	136 *
23	107 *	318 *	606 *	572 *	403 *	170 *	134 *	114 *	105 *	91 *	101 *	144 *
24	98 *	321 *	Crecida	547 *	367 *	161 *	134 *	118 *	105 *	93 *	95 *	145 *
25	98 *	338 *	Crecida	522 *	337 *	156 *	135 *	113 *	104 *	93 *	94 *	145 *
26	97 *	367 *	Crecida	507 *	317 *	154 *	130 *	113 *	104 *	94 *	96 *	139 *
27	98 *	457 *	Crecida	488 *	297 *	154 *	127 *	114 *	103 *	94 *	96 *	143 *
28	118 *	477 *	637 *	432 *	262 *	154 *	122 *	114 *	103 *	93 *	95 *	141 *
29	183 *		637 *	442 *	247 *	150 *	124 *	114 *	103 *	92 *	94 *	153 *
30	198 *		632 *	407 *	213 *	150 *	116 *	114 *	53 *	94 *	96 *	147 *
31	207 *		631 *		208 *			112 *		95 *		167 *
Nivel Max.	208 *	486 *	Crecida	Crecida	646 *	206 *		126 *	119 *	108 *	138 *	168 *
Día	31	28	vv	vv	14	1		1	7	1	1	31
Hora	18	18			7	7		7	7	18	18	18
Nivel Min.	93 *	218 *	397		208 *	150 *		112 *	102 *	91 *	92 *	91 *
Día	15	1	16		31	vv		112 *	30	vv	29	4
Hora	7	7			18			18	18		18	7
Nivel Medio	119	340	568	565	412	175	138	116	105	97	107	126

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H404 PULA EN YURIMA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	267 *	243 *	420 *	455 *	444 *		135 *	80 *	45 *	38 *	38 *	46 *
2	267 *	245 *	422 *	455 *	440 *		135 *	79 *	45 *	40 *	39 *	47 *
3	267 *	250 *	433 *	455 *	438 *		133 *	77 *	45 *	45 *	40 *	48 *
4	267 *	248 *	440 *	455 *	437 *		125 *	75 *	45 *	46 *	41 *	48 *
5	267 *	245 *	445 *	449 *	437 *		125 *	74 *	45 *	45 *	45 *	48 *
6	267 *	245 *	445 *	448 *	428 *			73 *	45 *	45 *	47 *	50 *
7	267 *	247 *	445 *	448 *	422 *			70 *	45 *	45 *	47 *	
8	267 *	254 *	445 *	450 *	417 *	200 *		70 *	40 *	45 *	47 *	
9	267 *	263 *	445 *	452 *	408 *	198 *		69 *	40 *	45 *	46 *	
10	275 *	281 *	450 *	451 *	402 *	195 *		68 *	40 *	45 *	47 *	165 *
11	281 *	293 *	450 *	451 *	392 *	193 *		66 *	40 *	45 *	48 *	160 *
12	285 *	334 *	453 *	450 *	385 *	188 *		65 *	40 *	45 *	48 *	150 *
13	287 *	350 *	455 *	450 *	383 *	185 *		67 *	38 *	40 *	49 *	148 *
14	285 *	372 *	456 *	448 *	378 *	185 *		67 *	38 *	40 *	49 *	138 *
15	285 *	387 *	456 *	445 *	373 *	183 *		65 *	38 *	40 *	49 *	129 *
16	285 *	388 *	454 *	444 *	370 *	178 *		65 *	38 *	40 *	49 *	123 *
17	283 *	383 *	452 *	443 *	370 *	170 *		65 *	35 *	33 *	49 *	113 *
18	280 *	393 *	449 *	441 *	363 *	174 *		65 *	35 *	30 *	49 *	100 *
19	275 *	415 *	451 *	440 *	366 *	175 *		63 *	35 *	30 *	49 *	89 *
20	273 *	415 *	454 *	440 *	359 *	175 *	100 *	53 *	32 *	35 *	48 *	89 *
21	270 *	415 *	457 *	440 *	353 *	175 *	98 *	55 *	30 *	35 *	48 *	93 *
22	263 *	415 *	458 *	440 *	347 *	175 *	98 *	55 *	30 *	35 *	48 *	95 *
23	260 *	415 *	455 *	440 *	342 *	175 *	97 *	55 *	30 *	35 *	47 *	110 *
24	250 *	416 *	453 *	441 *	336 *	174 *	93 *	55 *	30 *	38 *	47 *	110 *
25	250 *	416 *	450 *	441 *	330 *	174 *	85 *	55 *	30 *	38 *	49 *	113 *
26	245 *	416 *	450 *	442 *	329 *	172 *	86 *	55 *	35 *	38 *	49 *	116 *
27	245 *	415 *	450 *	445 *	324 *	170 *	85 *	53 *	30 *	36 *	49 *	122 *
28	245 *	415 *	448 *	445 *	280 *	167 *	85 *	51 *	29 *	36 *	49 *	142 *
29	242 *		449 *	445 *	260 *	149 *	85 *	49 *	30 *	36 *	49 *	160 *
30	240 *		455 *	445 *		142 *	85 *	48 *	32 *	36 *	49 *	177 *
31	243 *		455 *				85 *	47 *		36 *		200 *
Nivel Max.	287 *	416 *	458 *	455 *				80 *	45 *	47 *	49 *	
Día	13	vv	22	vv				1	vv	4	vv	
Hora	7		18					7		18		
Nivel Min.	240 *	240 *	420 *	440 *				47 *	29 *	30 *	38 *	
Día	31	1	1	vv				31	28	vv	1	
Hora	18	7	7					18	18		7	
Nivel Medio	266	342	448	446	376	177		63	37	39	47	112

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H407 PULA EN PALIZADA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	85 *	191 *	359 *			196 *	129 *	80 *	61 *	68 *	67 *	66 *
2	84 *	193 *	372 *		393 *	194 *	129 *	83 *	59 *	68 *	67 *	64 *
3	82 *	195 *	370 *		390 *	184 *	128 *	85 *	59 *	68 *	67 *	70 *
4	79 *	199 *	387 *		385 *	179 *	125 *	85 *	58 *	68 *	67 *	71 *
5	78 *	217 *			376 *	217 *	124 *	85 *	57 *	65 *	68 *	70 *
6	81 *	276 *			366 *	191 *	119 *	85 *	58 *	65 *	58 *	70 *
7	81 *					190 *	119 *	84 *	58 *	65 *	58 *	
8	81 *	377 *				187 *	118 *	81 *	59 *	50 *	59 *	
9	82 *	383 *				181 *	119 *	80 *	59 *	53 *	59 *	
10	82 *	364 *				176 *	117 *	80 *	59 *	54 *	59 *	
11	79 *	356 *				174 *	115 *	79 *	59 *	55 *	59 *	
12	77 *					162 *	114 *	79 *	58 *	55 *	59 *	
13	77 *	356 *			285 *	162 *	112 *	79 *	57 *	58 *	59 *	
14	77 *	366 *			288 *	159 *	112 *	79 *	56 *	57 *	59 *	
15	73 *	365 *			280 *	160 *	100 *	78 *	55 *	57 *	57 *	
16	74 *				280 *	152 *	100 *	77 *	55 *	55 *	57 *	
17	72 *				272 *	160 *	108 *	74 *	55 *	52 *	65 *	74 *
18	73 *				279 *	165 *	106 *	72 *	55 *	52 *	64 *	71 *
19	74 *			384 *	264 *	161 *	104 *	71 *	54 *	49 *	64 *	74 *
20	72 *			386 *	265 *	155 *	103 *	70 *	52 *	49 *	65 *	90 *
21	71 *				263 *	158 *	103 *	70 *	52 *	51 *	64 *	99 *
22	71 *				264 *	157 *	103 *	73 *	51 *	53 *	67 *	98 *
23	71 *				278 *	153 *	103 *	69 *	51 *	53 *	62 *	99 *
24	72 *				277 *	156 *	103 *	68 *	51 *	54 *	65 *	
25	74 *				246 *	152 *	103 *	67 *	51 *	54 *	63 *	
26	75 *				278 *	146 *	102 *	67 *	50 *	62 *	59 *	
27	75 *				238 *	143 *	102 *	66 *	50 *	68 *	58 *	
28	73 *				238 *	139 *	102 *	64 *	49 *	65 *	56 *	
29	73 *			397 *	228 *	132 *	102 *	64 *	49 *	63 *	53 *	
30	73 *				214 *	129 *	101 *	62 *	52 *	60 *	51 *	110 *
31	71 *				208 *		107 *	61 *		60 *		112 *
Nivel Max.	85 *					238 *	129 *	85 *	61 *	68 *	68 *	
Día	1					4	vv	vv	1	vv	5	
Hora	7					18			7		7	
Nivel Min.	70 *					120 *	100 *	61 *	49 *	48 *	51 *	
Día	31					4	vv	31	vv	19	30	
Hora	7					7		18		18	7	
Nivel Medio	76				285	165	111	75	55	58	61	

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H412	BACHILLERO EN PTE.CARRETERA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	0 *	0 *	122 *	130 *	138 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
2	0 *	0 *	80 *	130 *	100 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
3	0 *	0 *	105 *	165 *	100 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
4	0 *	85 *	Crecida	135 *	95 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
5	0 *	100 *	297 *	115 *	85 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
6	0 *	85 *	204 *	111 *	65 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
7	0 *	15 *	214 *	340 *	40 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
8	0 *	80 *	174 *	178 *	40 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
9	0 *	10 *	123 *	150 *	40 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
10	0 *	10 *	234 *	110 *	40 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
11	0 *	10 *	195 *	130 *	40 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
12	0 *	10 *	123 *	110 *	40 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
13	0 *	10 *	168 *	100 *	40 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
14	0 *	10 *	122 *	95 *	40 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
15	0 *	50 *	100 *	43 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
16	0 *	284 *	240 *	45 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
17	0 *	185 *	155 *	35 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
18	0 *	105 *	104 *	35 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
19	0 *	98 *	100 *	120 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
20	0 *	70 *	330 *	95 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
21	0 *	90 *	130 *	100 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
22	0 *	135 *	165 *	120 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
23	0 *	105 *	170 *	105 *	30 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
24	0 *	70 *	140 *	100 *	30 *	30 *	30 *	0 *	0 *	0 *	0 *	0 *
25	0 *	249 *	171 *	90 *	30 *	30 *	30 *	0 *	0 *	0 *	0 *	0 *
26	0 *	129 *	130 *	90 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *	0 *
27	0 *	107 *	180 *	90 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *	0 *
28	0 *	208 *	233 *	45 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *	0 *
29	0 *		228 *	95 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *	0 *
30	0 *		200 *	95 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *	0 *
31	0 *		140 *		30 *		20 *	0 *		0 *		0 *
Nivel Max.	0 *	372 *	Crecida	380 *	155 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *
Día	vv	16	4	7	1	vv	vv	vv	vv	vv	vv	vv
Hora		7		7	7							
Nivel Min.	0 *	0 *	80	0 *	30 *	30 *	20 *	0 *	0 *	0 *	0 *	0 *
Día	vv	vv	2	28	vv	vv	vv	vv	vv	vv	vv	vv
Hora				18								
Nivel Medio	0	82	175	110	46	30	28	15	0	0	0	0

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H415	SAN PABLO EN LA MANA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	Seco	11 *	21 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
2	Seco	11 *	8 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
3	Seco	11 *	13 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
4	Seco	11 *	41 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
5	Seco	11 *	31 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
6	Seco	11 *	36 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
7	Seco	31 *	29 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
8	Seco	54 *	24 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
9	Seco	23 *	19 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
10	Seco	22 *	14 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
11	Seco	12 *	13 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
12	Seco	13 *	11 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
13	Seco	13 *	11 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
14	Seco	11 *	11 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
15	Seco	11 *	9 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	0 *
16	Seco	13 *	7 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
17	Seco	11 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
18	Seco	11 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
19	Seco	6 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
20	Seco	8 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
21	Seco	13 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	27 *
22	Seco	13 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
23	Seco	14 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
24	Seco	13 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
25	Seco	12 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
26	Seco	11 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
27	Seco	12 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
28	Seco	24 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
29	10 *		Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	21 *
30	10 *		Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
31	10 *		Seco		Seco		Seco	Seco		Seco		Seco
Nivel Max.	10	91 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	27
Día	vv	8	vv	vv	vv	vv	vv	vv	vv	vv	vv	21
Hora		7										
Nivel Min.	Seco	5 *	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco
Día	vv	19	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora		18										
Nivel Medio	Seco	15	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco	Seco

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H418	SUQUIBI AJ NAVES											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	29 *	79 *	130 *	151 *	146 *	134 *	98 *	0 *	0 *	0 *	0 *	0 *
2	28 *	78 *	129 *	142 *		134 *	97 *	0 *	0 *	0 *	0 *	0 *
3	39 *	89 *	139 *	145 *		134 *	96 *	0 *	0 *	0 *	0 *	0 *
4	44 *	99 *	141 *	141 *	144 *	134 *	94 *	0 *	0 *	0 *	0 *	0 *
5	45 *	104 *	138 *	147 *	142 *	133 *	94 *	0 *	0 *	0 *	0 *	0 *
6	47 *	118 *	137 *	142 *	143 *	132 *	96 *	0 *	0 *	0 *	0 *	0 *
7	43 *	128 *	144 *	158 *	142 *	132 *	80 *	0 *	0 *	0 *	0 *	0 *
8	47 *	123 *	149 *	156 *	138 *	132 *	80 *	0 *	0 *	0 *	0 *	0 *
9	46 *	128 *	151 *	155 *	139 *	130 *	80 *	0 *	0 *	0 *	0 *	0 *
10	48 *	128 *	151 *	153 *	140 *	130 *		0 *	0 *	0 *	0 *	0 *
11	46 *	131 *	144 *	149 *	144 *	128 *		0 *	0 *	0 *	0 *	0 *
12	47 *	129 *	146 *	149 *	138 *	124 *		0 *	0 *	0 *	0 *	0 *
13	40 *	123 *	145 *	146 *	140 *	120 *		0 *	0 *	0 *	0 *	0 *
14	53 *	125 *	137 *	144 *	138 *	118 *		0 *	0 *	0 *	0 *	0 *
15	48 *	124 *	146 *	144 *	136 *	115 *		0 *	0 *	0 *	0 *	0 *
16	47 *	132 *	144 *	147 *	139 *	114 *		0 *	0 *	0 *	0 *	0 *
17	40 *	125 *	139 *	148 *	144 *	114 *		0 *	0 *	0 *	0 *	0 *
18	38 *	120 *	143 *	143 *	144 *	114 *		0 *	0 *	0 *	0 *	0 *
19	38 *	121 *	146 *	143 *	144 *	110 *		0 *	0 *	0 *	0 *	0 *
20	38 *	132 *	157 *	146 *	144 *	110 *		0 *	0 *	0 *	0 *	0 *
21		136 *	146 *	144 *	138 *	108 *		0 *	0 *	0 *	0 *	0 *
22		132 *	138 *	150 *	138 *	107 *		0 *	0 *	0 *	0 *	0 *
23		132 *	130 *	146 *	138 *	106 *		0 *	0 *	0 *	0 *	0 *
24		129 *	136 *	144 *	138 *	106 *		0 *	0 *	0 *	0 *	0 *
25	47 *		131 *	145 *	138 *	105 *		0 *	0 *	0 *	0 *	0 *
26	45 *		134 *	143 *	138 *	104 *		0 *	0 *	0 *	0 *	0 *
27	48 *		146 *	144 *	138 *	104 *		0 *	0 *	0 *	0 *	0 *
28	48 *	133 *	143 *	144 *	136 *	103 *		0 *	0 *	0 *	0 *	90 *
29	47 *		139 *	146 *	136 *	102 *		0 *	0 *	0 *	0 *	90 *
30	50 *		142 *	148 *	136 *	101 *		0 *	0 *	0 *	0 *	90 *
31	50 *		142 *		136 *			0 *		0 *		91 *
Nivel Max.			158 *	158 *		134 *		0 *	0 *	0 *	0 *	92 *
Día			20	7		vv		vv	vv	vv	vv	31
Hora			18	7								18
Nivel Min.			128 *	140 *		100 *		0 *	0 *	0 *	0 *	0 *
Día			1	19		30		vv	vv	vv	vv	vv
Hora			7	7		18						
Nivel Medio	44	120	141	147	140	118		0	0	0	0	12

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H434	VALDIVIA EN EL SUSPIRO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	14 *	18 *	56 *	38 *	33 *	20 *	20 *	23 *	20 *	27 *	42 *	27 *
2	14 *	18 *	53 *	61 *	31 *	21 *	20 *	23 *	20 *	34 *	40 *	27 *
3	14 *	18 *	44 *	45 *	28 *	23 *	20 *	22 *	20 *	40 *	38 *	27 *
4	14 *	36 *	116 *	37 *	26 *	23 *	19 *	22 *	20 *	40 *	39 *	26 *
5	14 *	45 *	72 *	39 *	25 *	22 *	19 *	22 *	19 *	38 *	42 *	26 *
6	14 *	48 *	68 *	34 *	24 *	22 *	19 *	24 *	19 *	35 *	44 *	26 *
7	14 *	83 *	135 *	123 *	24 *	22 *	20 *	25 *	19 *	35 *	41 *	25 *
8	15 *	80 *	75 *	67 *	23 *	22 *	20 *	25 *	18 *	33 *	43 *	25 *
9	15 *	47 *	58 *	49 *	23 *	22 *	20 *	25 *	19 *	32 *	41 *	25 *
10	15 *	28 *	49 *	44 *	22 *	22 *	20 *	26 *	20 *	33 *	38 *	25 *
11	16 *	26 *	53 *	36 *	22 *	24 *	20 *	27 *	20 *	34 *	38 *	24 *
12	16 *	35 *	69 *	35 *	22 *	25 *	19 *	27 *	21 *	34 *	37 *	24 *
13	16 *	31 *	70 *	34 *	22 *	26 *	19 *	26 *	21 *	34 *	36 *	23 *
14	16 *	27 *	59 *	31 *	22 *	27 *	21 *	25 *	21 *	33 *	35 *	23 *
15	16 *	26 *	52 *	30 *	22 *	27 *	23 *	23 *	21 *	33 *	35 *	22 *
16	16 *	76 *	131 *	32 *	22 *	27 *	23 *	22 *	20 *	33 *	35 *	22 *
17	16 *	80 *	76 *	30 *	22 *	26 *	22 *	21 *	21 *	33 *	35 *	22 *
18	16 *	59 *	64 *	30 *	22 *	25 *	23 *	21 *	21 *	34 *	34 *	22 *
19	17 *	41 *	61 *	30 *	22 *	25 *	29 *	20 *	22 *	36 *	33 *	22 *
20	17 *	34 *	107 *	29 *	22 *	24 *	32 *	20 *	22 *	41 *	32 *	22 *
21	17 *	56 *	69 *	27 *	21 *	23 *	32 *	20 *	22 *	43 *	32 *	21 *
22	17 *	53 *	57 *	26 *	21 *	23 *	31 *	20 *	26 *	40 *	32 *	22 *
23	17 *	44 *	51 *	26 *	21 *	23 *	30 *	19 *	28 *	40 *	31 *	22 *
24	17 *	64 *	46 *	25 *	21 *	23 *	30 *	20 *	28 *	40 *	31 *	22 *
25	17 *	98 *	62 *	25 *	21 *	22 *	31 *	20 *	38 *	39 *	30 *	23 *
26	18 *	95 *	50 *	24 *	21 *	22 *	31 *	21 *	36 *	39 *	30 *	23 *
27	18 *	79 *	43 *	24 *	21 *	22 *	30 *	21 *	33 *	37 *	30 *	23 *
28	18 *	70 *	70 *	24 *	21 *	21 *	29 *	21 *	30 *	33 *	29 *	23 *
29	18 *		73 *	24 *	21 *	21 *	27 *	21 *	28 *	36 *	27 *	23 *
30	18 *		47 *	25 *	20 *	20 *	25 *	21 *	26 *	35 *	26 *	23 *
31	18 *		43 *		20 *		24 *	20 *		36 *		22 *
Nivel Max.	18 *	115 *	168 *	144 *	33 *	27 *	32 *	27 *	40 *	44 *	44 *	27 *
Día	vv	25	16	7	1	vv	vv	vv	25	21	6	vv
Hora		7	7	7	18				18	7	7	
Nivel Min.	14 *	18 *	40 *	24 *	20 *	20 *	19 *	19 *	18 *	26 *	26 *	21 *
Día	vv	vv	27	vv	vv	vv	vv	22	7	1	29	21
Hora			18					18	18	7	18	18
Nivel Medio	16	50	67	37	23	23	24	22	23	36	35	24

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H466 SILANTE EN INGAPIRCA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	64 *	16 *	22 *	48 *	83 *	63 *				18 *	83 *	49 *
2	60 *	16 *	20 *	58 *	83 *	70 *				14 *	90 *	47 *
3	57 *	14 *	20 *	57 *	87 *	79 *				12 *	73 *	44 *
4	55 *	12 *	23 *	55 *	78 *	70 *				11 *	93 *	44 *
5	50 *	12 *	22 *	55 *	75 *	68 *				10 *	128 *	45 *
6	47 *	12 *	20 *	55 *	84 *	68 *				10 *	97 *	50 *
7	45 *	11 *	17 *	54 *	97 *	65 *				10 *	62 *	45 *
8	41 *	12 *	16 *	58 *	81 *	58 *				10 *	60 *	42 *
9	47 *	12 *	15 *	58 *	78 *	55 *				11 *	60 *	47 *
10	45 *	11 *	15 *	56 *	83 *	54 *				10 *	60 *	42 *
11	33 *	11 *	14 *	56 *	80 *	55 *				10 *	59 *	44 *
12	33 *	11 *	20 *	49 *	80 *	55 *				10 *	57 *	37 *
13	32 *	11 *	22 *	46 *	78 *	53 *				10 *	55 *	32 *
14	35 *	11 *	24 *	45 *	73 *	55 *				10 *	55 *	36 *
15	34 *	11 *	26 *	43 *	65 *	54 *				10 *	54 *	32 *
16	28 *	11 *	21 *	39 *	65 *	68 *				18 *	58 *	32 *
17	29 *	16 *	16 *	37 *	59 *	54 *				17 *	55 *	33 *
18	27 *	19 *	19 *	34 *	57 *	49 *				17 *	51 *	40 *
19	22 *	18 *	17 *	33 *	67 *	51 *				16 *	50 *	38 *
20	22 *	18 *	19 *	33 *	69 *	80 *				15 *	47 *	40 *
21	22 *	14 *	18 *	30 *	77 *	78 *				38 *	63 *	40 *
22	17 *	12 *	24 *	30 *	80 *	54 *				34 *	65 *	49 *
23	19 *	11 *	26 *	49 *	75 *	50 *				42 *	72 *	41 *
24	18 *	12 *	24 *	45 *	73 *	48 *				38 *	60 *	42 *
25	17 *	12 *	35 *	48 *	66 *	75 *				55 *	62 *	41 *
26	17 *	12 *	31 *	60 *	68 *	69 *				65 *	53 *	41 *
27	16 *	25 *	30 *	68 *	70 *	58 *				76 *	50 *	40 *
28	18 *	25 *	33 *	68 *	65 *	50 *				61 *	54 *	40 *
29	17 *		65 *	94 *	60 *	45 *				52 *	54 *	39 *
30	16 *		63 *	79 *	62 *	45 *				49 *	53 *	35 *
31	15 *		57 *		57 *					47 *		36 *
Nivel Max.	68 *	26 *	79 *	98 *	109 *	85 *				82 *	140 *	54 *
Día	1	28	29	29	7	20				27	5	6
Hora	6	17	17	7	17	17				17	7	17
Nivel Min.	14 *	10 *	14 *	30 *	55 *	45 *				10 *	45 *	32 *
Día	22	23	11	vv	19	vv				vv	20	vv
Hora	17	17	6		7						17	
Nivel Medio	32	14	25	51	73	60				26	64	41

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H503 TENGUEL EN TENGUEL												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	10 *	10 *	114 *	103 *	88 *	49 *	35 *	24 *	18 *	16 *	20 *	14 *
2	10 *	11 *	94 *	111 *	86 *	48 *	35 *	24 *	18 *	16 *	20 *	14 *
3	11 *	11 *	98 *	114 *	83 *	47 *	34 *	24 *	18 *	16 *	20 *	14 *
4	12 *	28 *	144 *	109 *	79 *	46 *	34 *	24 *	18 *	16 *	20 *	13 *
5	12 *	93 *	111 *	115 *	75 *	45 *	34 *	24 *	18 *	16 *	19 *	13 *
6	12 *	58 *	115 *	111 *	72 *	48 *	33 *	23 *	18 *	16 *	19 *	13 *
7	11 *	44 *	107 *	142 *	72 *	50 *	33 *	23 *	18 *	16 *	19 *	12 *
8	11 *	36 *	269 *	150 *	71 *	48 *	33 *	23 *	18 *	16 *	19 *	12 *
9	11 *	30 *	139 *	132 *	71 *	45 *	32 *	23 *	18 *	16 *	19 *	12 *
10	11 *	30 *	134 *	122 *	70 *	42 *	31 *	23 *	18 *	16 *	19 *	11 *
11	11 *	40 *	121 *	184 *	70 *	40 *	31 *	23 *	18 *	16 *	19 *	11 *
12	11 *	40 *	120 *	153 *	69 *	40 *	30 *	22 *	18 *	16 *	18 *	10 *
13	10 *	39 *	115 *	139 *	68 *	39 *	30 *	22 *	17 *	16 *	18 *	10 *
14	10 *	38 *	102 *	124 *	67 *	39 *	30 *	22 *	17 *	16 *	18 *	10 *
15	10 *	84 *	94 *	112 *	66 *	39 *	29 *	22 *	17 *	16 *	18 *	9 *
16	11 *	64 *	106 *	106 *	65 *	39 *	29 *	21 *	17 *	16 *	18 *	9 *
17	11 *	53 *	90 *	192 *	61 *	39 *	29 *	20 *	17 *	16 *	18 *	9 *
18	11 *	48 *	90 *	114 *	60 *	38 *	29 *	20 *	17 *	17 *	17 *	9 *
19	11 *	46 *	139 *	105 *	60 *	38 *	28 *	20 *	17 *	18 *	17 *	8 *
20	10 *	47 *	191 *	99 *	60 *	38 *	28 *	20 *	17 *	18 *	17 *	8 *
21	10 *	48 *	163 *	98 *	59 *	38 *	28 *	20 *	17 *	18 *	17 *	7 *
22	10 *	68 *	135 *	97 *	58 *	38 *	27 *	20 *	17 *	18 *	17 *	7 *
23	10 *	82 *	125 *	98 *	57 *	37 *	27 *	19 *	17 *	19 *	16 *	7 *
24	10 *	77 *	111 *	100 *	56 *	37 *	27 *	19 *	17 *	19 *	16 *	6 *
25	10 *	73 *	104 *	100 *	55 *	37 *	26 *	19 *	17 *	19 *	16 *	6 *
26	9 *	62 *	98 *	97 *	55 *	37 *	26 *	19 *	17 *	20 *	16 *	5 *
27	9 *	58 *	166 *	116 *	54 *	36 *	25 *	19 *	17 *	20 *	15 *	5 *
28	9 *	123 *	138 *	100 *	51 *	36 *	25 *	18 *	17 *	20 *	15 *	6 *
29	9 *		128 *	96 *	51 *	36 *	25 *	18 *	16 *	20 *	15 *	6 *
30	9 *		126 *	88 *	50 *	35 *	25 *	18 *	16 *	20 *	14 *	6 *
31	10 *		109 *		49 *		24 *	18 *		20 *		6 *
Nivel Max.	12 *	132 *	332 *	238 *	88 *	50 *	35 *	24 *	18 *	20 *	20 *	14 *
Día	vv	28	8	17	1	6	vv	vv	vv	vv	vv	vv
Hora		7	7	7	7	18						
Nivel Min.	9 *	9 *	86 *	88 *	49 *	35 *	24 *	18 *	16 *	15 *	14 *	5 *
Día	vv	1	17	30	31	30	31	vv	vv	18	29	vv
Hora		18	18	18	18	18	7			7	17	
Nivel Medio	10	51	125	117	65	41	29	21	17	17	18	9

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H528 JUBONES DJ MINAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	190 *	95 *	120 *	125 *	315 *	145 *	95 *	105 *	95 *	105 *	115 *	95 *
2	115 *	95 *	115 *	135 *	415 *	135 *	93 *	95 *	94 *	104 *	105 *	94 *
3	145 *	93 *	110 *	130 *	145 *	125 *	205 *	95 *	96 *	105 *	104 *	85 *
4	95 *	145 *	95 *	142 *	135 *	124 *	205 *	85 *	105 *	115 *	101 *	82 *
5	95 *	85 *	130 *	155 *	120 *	105 *	195 *	85 *	104 *	112 *	95 *	102 *
6	94 *	95 *	135 *	145 *	125 *	104 *	145 *	90 *	105 *	102 *	94 *	105 *
7	92 *	141 *	140 *	205 *	135 *	101 *	135 *	92 *	101 *	105 *	95 *	115 *
8	90 *	242 *	133 *	215 *	132 *	95 *	132 *	94 *	111 *	103 *	95 *	114 *
9	85 *	155 *	125 *	410 *	130 *	95 *	141 *	103 *	113 *	95 *	94 *	113 *
10	83 *	95 *	132 *	345 *	121 *	93 *	145 *	101 *	114 *	95 *	105 *	205 *
11	75 *	92 *	141 *	202 *	122 *	93 *	132 *	102 *	105 *	94 *	115 *	204 *
12	74 *	90 *	135 *	140 *	124 *	103 *	120 *	95 *	105 *	93 *	125 *	203 *
13	80 *	140 *	132 *	115 *	141 *	103 *	115 *	92 *	104 *	92 *	111 *	201 *
14	81 *	95 *	140 *	245 *	140 *	102 *	110 *	90 *	115 *	95 *	112 *	115 *
15	70 *	195 *	233 *	230 *	132 *	112 *	105 *	83 *	111 *	95 *	95 *	114 *
16	70 *	234 *	125 *	415 *	133 *	115 *	100 *	91 *	114 *	85 *	94 *	103 *
17	65 *	132 *	115 *	405 *	132 *	110 *	95 *	103 *	112 *	85 *	92 *	104 *
18	70 *	95 *	120 *	220 *	140 *	135 *	95 *	102 *	104 *	84 *	90 *	105 *
19	75 *	145 *	114 *	115 *	150 *	130 *	90 *	95 *	102 *	85 *	85 *	95 *
20	75 *	190 *	132 *	120 *	152 *	125 *	85 *	95 *	95 *	81 *	91 *	94 *
21	75 *	140 *	140 *	215 *	160 *	124 *	82 *	92 *	95 *	82 *	85 *	95 *
22	74 *	131 *	255 *	215 *	165 *	123 *	90 *	94 *	93 *	81 *	95 *	85 *
23	80 *	95 *	250 *	230 *	160 *	135 *	92 *	90 *	94 *	83 *	94 *	75 *
24	75 *	132 *	245 *	255 *	155 *	134 *	94 *	85 *	90 *	95 *	105 *	93 *
25	80 *	145 *	245 *	345 *	150 *	120 *	105 *	84 *	91 *	95 *	104 *	92 *
26	85 *	161 *	242 *	341 *	140 *	123 *	104 *	91 *	95 *	84 *	115 *	93 *
27	83 *	152 *	210 *	245 *	141 *	145 *	95 *	90 *	85 *	75 *	113 *	94 *
28	85 *	150 *	220 *	240 *	132 *	144 *	102 *	85 *	82 *	72 *	112 *	95 *
29	75 *	255 *	235 *	122 *	155 *	235 *	90 *	90 *	81 *	73 *	102 *	85 *
30	83 *	232 *	225 *	115 *	150 *	275 *	95 *	95 *	95 *	75 *	92 *	84 *
31	85 *	210 *	110 *	110 *	263 *	92 *	85 *	85 *	85 *	85 *	85 *	92 *
Nivel Max.	190 *	242 *	255 *	415 *	415 *	155 *	275 *	105 *	115 *	115 *	125 *	205 *
Día	1	8	vv	16	2	29	30	1	14	4	12	10
Hora	18	18		18	18	18	18	1	18	18	18	18
Nivel Min.	65 *	85 *	95 *	115 *	110 *	93 *	82 *	83 *	81 *	72 *	85 *	75 *
Día	17	5	4	vv	31	vv	21	15	29	28	vv	23
Hora	18	18	18		18		18	18	18	18		18
Nivel Medio	87	134	165	225	151	120	131	93	100	91	101	111

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H530 JUBONES EN USHCURRUMI												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	319 *	287 *	346 *	340 *	354 *	307 *	375 *	321 *	277 *	251 *	289 *	279 *
2	335 *	289 *	328 *	368 *	422 *	301 *	394 *	305 *	272 *	248 *	346 *	274 *
3	365 *	286 *	319 *	372 *	407 *	297 *	393 *	293 *	314 *	245 *	337 *	270 *
4	337 *	284 *	337 *	357 *	387 *	292 *	375 *	303 *	345 *	245 *	345 *	276 *
5	332 *	352 *	363 *	354 *	380 *	294 *	368 *	294 *	315 *	242 *	343 *	271 *
6	325 *	353 *	416 *	342 *	362 *	301 *	382 *	286 *	302 *	274 *	357 *	270 *
7	316 *	340 *	363 *	349 *	368 *	305 *	332 *	281 *	293 *	267 *	356 *	298 *
8	306 *	315 *	372 *	409 *	354 *	299 *	323 *	328 *	288 *	260 *	355 *	352 *
9	300 *	306 *	363 *	389 *	338 *	293 *	313 *	350 *	287 *	255 *	345 *	348 *
10	292 *	298 *	334 *	384 *	350 *	287 *	307 *	336 *	287 *	282 *	336 *	332 *
11	294 *	292 *	323 *	408 *	462 *	344 *	375 *	323 *	286 *	269 *	329 *	317 *
12	288 *	297 *	320 *	360 *	432 *	326 *	365 *	316 *	286 *	264 *	322 *	308 *
13	288 *	293 *	317 *	347 *	371 *	318 *	341 *	309 *	282 *	258 *	314 *	304 *
14	296 *	290 *	317 *	333 *	335 *	313 *	333 *	306 *	276 *	252 *	337 *	304 *
15	300 *	332 *	339 *	325 *	326 *	308 *	357 *	304 *	269 *	247 *	326 *	305 *
16	296 *	312 *	326 *	325 *	337 *	350 *	334 *	346 *	262 *	245 *	329 *	329 *
17	305 *	300 *	319 *	324 *	321 *	336 *	323 *	340 *	257 *	267 *	319 *	323 *
18	301 *	310 *	313 *	318 *	324 *	312 *	346 *	323 *	255 *	259 *	320 *	339 *
19	299 *	329 *	332 *	315 *	318 *	306 *	337 *	314 *	256 *	261 *	310 *	335 *
20	296 *	320 *	349 *	334 *	344 *	424 *	327 *	306 *	254 *	257 *	326 *	320 *
21	292 *	315 *	348 *	356 *	335 *	490 *	319 *	316 *	251 *	256 *	315 *	361 *
22	289 *	311 *	340 *	353 *	371 *	407 *	312 *	322 *	255 *	252 *	307 *	359 *
23	284 *	306 *	347 *	353 *	353 *	383 *	304 *	307 *	258 *	303 *	319 *	324 *
24	280 *	301 *	338 *	350 *	349 *	340 *	292 *	306 *	260 *	324 *	311 *	317 *
25	277 *	295 *	338 *	388 *	336 *	312 *	335 *	306 *	257 *	299 *	303 *	311 *
26	275 *	294 *	327 *	354 *	358 *	306 *	347 *	298 *	252 *	336 *	291 *	306 *
27	271 *	291 *	326 *	387 *	347 *	300 *	338 *	290 *	249 *	307 *	283 *	319 *
28	296 *	328 *	341 *	379 *	341 *	293 *	329 *	307 *	246 *	313 *	289 *	327 *
29	285 *	347 *	358 *	331 *	282 *	335 *	297 *	248 *	248 *	306 *	286 *	316 *
30	283 *	359 *	337 *	321 *	276 *	394 *	287 *	252 *	301 *	279 *	324 *	324 *
31	282 *	356 *	313 *	313 *	313 *	363 *	281 *	281 *	295 *	295 *	319 *	319 *
Nivel Max.	385 *	364 *	453 *	434 *	496 *	490 *	410 *	370 *	358 *	360 *	358 *	392 *
Día	3	6	6	8	11	21	2	8	4	26	6	21
Hora	7	7	7	18	18	7	18	18	7	7	7	18
Nivel Min.	270 *	280 *	312 *	314 *	311 *	274 *	289 *	280 *	244 *	240 *	277 *	267 *
Día	27	1	18	19	31	30	24	31	28	5	30	6
Hora	18	7	18	1	18	18	18	18	18	18	18	7
Nivel Medio	300	308	341	355	356	323	344	309	273	272	320	314

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

H531	CASACAY AJ JUBONES											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1		29 *	100 *	77 *	77 *		44 *	37 *	30 *	27 *	24 *	25 *
2		32 *	81 *	77 *	78 *		42 *	36 *	29 *	26 *	26 *	23 *
3		35 *	71 *	75 *	72 *		43 *	37 *	30 *	25 *	25 *	26 *
4		37 *	75 *	77 *	76 *		43 *	35 *	30 *	25 *	24 *	23 *
5		96 *	77 *	75 *	74 *		41 *	35 *	30 *	26 *	25 *	20 *
6		56 *	77 *	76 *	78 *		41 *	36 *	29 *	26 *	25 *	21 *
7		55 *	78 *	74 *	78 *		41 *	36 *	30 *	25 *	25 *	20 *
8		54 *	79 *	72 *	75 *		40 *	36 *	29 *	26 *	25 *	65 *
9		52 *	76 *	72 *	72 *		41 *	37 *	29 *	25 *	25 *	31 *
10		43 *	75 *	76 *	71 *		40 *	37 *	28 *	24 *	25 *	28 *
11		64 *	73 *	76 *	68 *		40 *	35 *	28 *	26 *	25 *	26 *
12		56 *	79 *	78 *	67 *		39 *	35 *	26 *	25 *	26 *	23 *
13		48 *	81 *	76 *	68 *		40 *	35 *	28 *	25 *	25 *	22 *
14		44 *	89 *	75 *	65 *		39 *	34 *	27 *	24 *	26 *	22 *
15		42 *	102 *	73 *	65 *		39 *	33 *	25 *	25 *	26 *	24 *
16		52 *	96 *	78 *	63 *		40 *	33 *	25 *	25 *	25 *	25 *
17		48 *	95 *	77 *	60 *		39 *	33 *	26 *	24 *	24 *	27 *
18		47 *	115 *	75 *	63 *		39 *	32 *	27 *	24 *	25 *	25 *
19		47 *	87 *	77 *	63 *		39 *	32 *	26 *	24 *	25 *	22 *
20		44 *	84 *	78 *	61 *		39 *	33 *	27 *	24 *	25 *	27 *
21		40 *	89 *	79 *	61 *		39 *	32 *	26 *	25 *	24 *	25 *
22		53 *	89 *	77 *	61 *		39 *	31 *	26 *	25 *	24 *	24 *
23		53 *	86 *	75 *	58 *		39 *	31 *	26 *	25 *	23 *	25 *
24		55 *	84 *	75 *	58 *		38 *	31 *	26 *	26 *	24 *	24 *
25		55 *	81 *	77 *	58 *		38 *	32 *	26 *	25 *	24 *	24 *
26		54 *	79 *	75 *	57 *		38 *	31 *	26 *	26 *	24 *	23 *
27		53 *	77 *	76 *	57 *		39 *	31 *	25 *	25 *	25 *	24 *
28		106 *	75 *	75 *	56 *		38 *	31 *	25 *	26 *	24 *	23 *
29			74 *	76 *	54 *		37 *	31 *	26 *	25 *	24 *	24 *
30			70 *	71 *	55 *		37 *	31 *	26 *	26 *	23 *	22 *
31			70 *		54 *		37 *	30 *		25 *		22 *
Nivel Max.		112 *	134 *	81 *	79 *		44 *	37 *	30 *	27 *	26 *	66 *
Día		28	18	16	7		1	vv	vv	1	vv	8
Hora		7	17	17	7		7			17		7
Nivel Min.		28 *	69 *	69 *	53 *		36 *	29 *	24 *	23 *	22 *	19 *
Día		1	31	8	31		31	31	28	20	23	16
Hora		17	7	17	17		17	7	17	17	17	17
Nivel Medio		52	83	75	65		39	33	27	25	24	25

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H547	RIRCAY EN P.ALTO SALTANA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	6 *			34 *		0 *		-28 *	-45 *	143 *	100 *	109 *
2	3 *			37 *		-5 *		-26 *	-44 *	145 *	102 *	103 *
3	-4 *			44 *		-2 *		-27 *	-42 *	147 *	101 *	104 *
4	0 *			38 *		3 *		-26 *	-43 *	149 *	102 *	106 *
5	10 *			40 *		-6 *	-25 *	-29 *	-42 *	150 *	103 *	105 *
6	-6 *			42 *		-8 *	-8 *	-30 *	-40 *	152 *	104 *	107 *
7	31 *			46 *		-3 *	-14 *	-31 *	-41 *	155 *	106 *	109 *
8	25 *			60 *		-1 *	-19 *	-33 *	-43 *	154 *	108 *	108 *
9	15 *			20 *		-12 *	-21 *	-34 *	-44 *	156 *	107 *	107 *
10	10 *			87 *		-11 *	-23 *	-35 *	-45 *	152 *	105 *	105 *
11	6 *	7 *		84 *		9 *	-24 *	-33 *	-44 *	154 *	106 *	104 *
12	0 *	6 *		78 *		11 *	-23 *	-35 *	-43 *	155 *	108 *	103 *
13	-2 *	5 *		62 *		10 *	-21 *	-33 *	-44 *	154 *	101 *	104 *
14	1 *	8 *		44 *		10 *	-22 *	-35 *	-45 *	153 *	109 *	105 *
15	-1 *	22 *		40 *		10 *	-24 *	-36 *	-43 *	152 *	107 *	107 *
16		18 *		37 *		2 *	-22 *	-35 *	-42 *	150 *	109 *	189 *
17	3 *	20 *		50 *		6 *	-25 *	-37 *	-40 *	153 *	108 *	180 *
18	-7 *	23 *		45 *		2 *	-24 *	-38 *	-41 *	156 *	106 *	172 *
19		25 *		73 *		0 *	-23 *	-36 *	-42 *	162 *	105 *	141 *
20		27 *		90 *		-7 *	-25 *	-37 *	-40 *	164 *	103 *	113 *
21		32 *		87 *		-10 *	-27 *	-39 *	-43 *	171 *	101 *	112 *
22		30 *		83 *		-13 *	-28 *	-38 *	-42 *	80 *	100 *	113 *
23		27 *		73 *			-30 *	-41 *	-43 *	84 *	98 *	114 *
24	-5 *	24 *		67 *			-28 *	-44 *	-44 *	87 *	97 *	113 *
25	15 *	20 *		51 *			-26 *	-46 *	-45 *	93 *	99 *	115 *
26	17 *			46 *			-27 *	-47 *	-44 *	97 *	101 *	114 *
27	20 *			38 *			-29 *	-45 *	-43 *	100 *	102 *	112 *
28	19 *			56 *			-29 *	-44 *	-42 *	99 *	100 *	110 *
29				54 *			-26 *	-43 *	-43 *	101 *	101 *	111 *
30				51 *			-29 *	-44 *	-42 *	102 *	104 *	110 *
31							-30 *	-42 *		101 *		108 *
Nivel Max.				90 *				-26 *	-40 *	171 *	109 *	189 *
Día				20				vv	vv	21	vv	16
Hora				6						6		6
Nivel Min.				20 *				-47 *	-45 *	80 *	97 *	103 *
Día				9				26	vv	22	24	vv
Hora				6				6		6	6	
Nivel Medio	8			55		-1	-24	-36	-43	135	103	117

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H573	SANTA ROSA EN EL VADO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	65 *	65 *	188 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
2	65 *	65 *	178 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
3	65 *	90 *	168 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
4	65 *	90 *	158 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
5	65 *	90 *	148 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
6	65 *	90 *	138 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
7	65 *	90 *	128 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
8	65 *	90 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
9	65 *	90 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
10	65 *	90 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
11	65 *	90 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
12	65 *	140 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
13	65 *	120 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
14	65 *	135 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
15	65 *	120 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
16	65 *	90 *	118 *	128 *	85 *	70 *	70 *	68 *	59 *	54 *	49 *	47 *
17	65 *	100 *	113 *	128 *	85 *	70 *	70 *	66 *	55 *	52 *	48 *	47 *
18	65 *	90 *	113 *	128 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
19	65 *	80 *	Crecida	128 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
20	65 *	150 *	Crecida	128 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
21	65 *	120 *	525 *	128 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
22	65 *	145 *	140 *	128 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
23	65 *	130 *	133 *	123 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
24	65 *	115 *	128 *	113 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
25	65 *	95 *	123 *	85 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
26	65 *	100 *	115 *	75 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
27	65 *	80 *	115 *	60 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
28	65 *		115 *		85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
29	65 *		115 *	150 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
30	65 *		115 *	95 *	85 *	70 *	70 *	66 *	55 *	52 *	47 *	47 *
31	65 *		115 *		85 *	70 *	70 *	66 *		52 *		47 *
Nivel Max.	70 *		Crecida		90 *	70 *	70 *	68 *	60 *	54 *	50 *	48 *
Día	8				4	vv	vv	vv	8	vv	7	12
Hora	7		vv		7				7		7	7
Nivel Min.	60 *		113		80 *	70 *	70 *	66 *	54 *	52 *	46 *	46 *
Día	24		vv		21	vv	vv	vv	28	vv	28	24
Hora	17				17				17		17	17
Nivel Medio	65	102	144	121	85	70	70	67	57	53	48	47

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H574	ARENILLAS EN ARENILLAS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	30 *	30 *	40 *	99 *	80 *	41 *	41 *	41 *	37 *	37 *	39 *	36 *
2	31 *	30 *	40 *	95 *	76 *	41 *	41 *	41 *	37 *	37 *	39 *	36 *
3	31 *	30 *	40 *	90 *	72 *	41 *	41 *	41 *	37 *	37 *	39 *	36 *
4	31 *	33 *	40 *	100 *	68 *	41 *	41 *	41 *	37 *	37 *	39 *	36 *
5	31 *	36 *	40 *	109 *	64 *	41 *	41 *	41 *	37 *	37 *	39 *	36 *
6	31 *	36 *	40 *	116 *	59 *	41 *	41 *	41 *	37 *	38 *	39 *	36 *
7	31 *	37 *	40 *	124 *	59 *	41 *	41 *	41 *	37 *	38 *	39 *	36 *
8	31 *	37 *	40 *	133 *	59 *	41 *	41 *	41 *	37 *	38 *	39 *	36 *
9	31 *	37 *	40 *	123 *	58 *	42 *	41 *	41 *	37 *	38 *	39 *	36 *
10	31 *	37 *	40 *	121 *	57 *	42 *	41 *	40 *	37 *	38 *	39 *	36 *
11	31 *	38 *	40 *	122 *	57 *	42 *	41 *	40 *	37 *	39 *	38 *	35 *
12	31 *	38 *	45 *	119 *	57 *	42 *	41 *	40 *	37 *	39 *	38 *	35 *
13	31 *	38 *	150 *	115 *	57 *	42 *	41 *	40 *	37 *	39 *	38 *	35 *
14	31 *	38 *	136 *	113 *	50 *	42 *	41 *	40 *	37 *	39 *	38 *	35 *
15	31 *	38 *	120 *	117 *	53 *	42 *	41 *	40 *	37 *	39 *	38 *	35 *
16	31 *	38 *	120 *	119 *	56 *	42 *	41 *	40 *	37 *	39 *	38 *	35 *
17	31 *	39 *	100 *	119 *	40 *	41 *	41 *	40 *	37 *	39 *	38 *	35 *
18	31 *	39 *	100 *	118 *	40 *	41 *	41 *	40 *	37 *	39 *	38 *	35 *
19	31 *	39 *	89 *	118 *	41 *	41 *	41 *	40 *	37 *	39 *	38 *	35 *
20	31 *	40 *	95 *	118 *	41 *	41 *	41 *	38 *	37 *	39 *	38 *	35 *
21	31 *	40 *	96 *	118 *	42 *	41 *	41 *	38 *	37 *	39 *	38 *	35 *
22	31 *	40 *	91 *	118 *	42 *	41 *	41 *	38 *	37 *	39 *	38 *	35 *
23	31 *	42 *	121 *	118 *	42 *	41 *	41 *	37 *	37 *	39 *	37 *	35 *
24	31 *	46 *	100 *	118 *	42 *	41 *	41 *	37 *	37 *	39 *	37 *	34 *
25	31 *	48 *	131 *	117 *	42 *	41 *	41 *	37 *	37 *	39 *	37 *	34 *
26	31 *	50 *	121 *	116 *	42 *	41 *	41 *	37 *	37 *	39 *	37 *	34 *
27	31 *	50 *	165 *	116 *	42 *	41 *	41 *	37 *	37 *	39 *	37 *	34 *
28	31 *	50 *	129 *	115 *	42 *	41 *	41 *	37 *	37 *	39 *	37 *	34 *
29	31 *		120 *	115 *	42 *	41 *	41 *	37 *	37 *	39 *	37 *	34 *
30	31 *		112 *	80 *	41 *	41 *	41 *	37 *	37 *	39 *	37 *	34 *
31	30 *		100 *		41 *		41 *	37 *		39 *		34 *
Nivel Max.	31 *	50 *	170 *	135 *	80 *	42 *	41 *	41 *	37 *	39 *	39 *	36 *
Día	vv	vv	27	8	1	vv	vv	vv	vv	vv	vv	vv
Hora			7	7	7							
Nivel Min.	30 *	30 *	40 *	80 *	40 *	41 *	41 *	37 *	37 *	37 *	37 *	34 *
Día	vv	vv	vv	30	vv	vv	vv	vv	vv	vv	vv	vv
Hora				17								
Nivel Medio	31	39	86	114	52	41	41	39	37	39	38	35

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H587	PINDO AJ AMARILLO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	72 *	33 *	100 *	98 *	85 *	52 *	36 *	21 *	14 *	-7 *	17 *	21 *
2	73 *	41 *	100 *	99 *	83 *	51 *	36 *	20 *	14 *	-7 *	17 *	21 *
3	63 *	53 *	100 *	93 *	81 *	51 *	36 *	19 *	14 *	-7 *	16 *	22 *
4	66 *	77 *	106 *	88 *	77 *	50 *	35 *	18 *	13 *	-6 *	15 *	23 *
5	55 *	79 *	108 *	97 *	75 *	50 *	35 *	23 *	13 *	-6 *	20 *	23 *
6	54 *	79 *	100 *	91 *	72 *	49 *	34 *	23 *	13 *	-6 *	21 *	24 *
7	50 *	80 *	99 *	102 *	70 *	49 *	34 *	22 *	13 *	-6 *	22 *	100 *
8	48 *	83 *	96 *	106 *	68 *	49 *	33 *	22 *	13 *	-6 *	21 *	100 *
9	46 *	85 *	104 *	100 *	68 *	48 *	33 *	21 *	13 *	-6 *	18 *	99 *
10	43 *	89 *	108 *	102 *	67 *	48 *	32 *	21 *	12 *	-6 *	19 *	99 *
11	40 *	87 *	109 *	100 *	66 *	47 *	32 *	20 *	12 *	-5 *	17 *	98 *
12	39 *	85 *	114 *	100 *	65 *	47 *	31 *	20 *	12 *	-5 *	16 *	96 *
13	37 *	81 *	111 *	100 *	64 *	46 *	31 *	20 *	11 *	-5 *	16 *	95 *
14	36 *	83 *	100 *	94 *	63 *	46 *	30 *	19 *	11 *	-5 *	23 *	95 *
15	33 *	84 *	99 *	99 *	62 *	46 *	31 *	19 *	6 *	-6 *	21 *	94 *
16	31 *	87 *	98 *	99 *	61 *	45 *	30 *	19 *	1 *	-6 *	20 *	91 *
17	46 *	87 *	100 *	81 *	60 *	44 *	30 *	18 *	1 *	-9 *	19 *	31 *
18	60 *	84 *	93 *	80 *	60 *	43 *	30 *	18 *	-4 *	-8 *	17 *	27 *
19	54 *	80 *	99 *	92 *	59 *	42 *	29 *	18 *	-4 *	-7 *	16 *	26 *
20	52 *	75 *	100 *	94 *	59 *	41 *	29 *	18 *	-9 *	-6 *	16 *	25 *
21	52 *	83 *	111 *	96 *	58 *	41 *	29 *	17 *	-9 *	13 *	17 *	30 *
22	51 *	83 *	113 *	99 *	58 *	40 *	28 *	17 *	-9 *	11 *	17 *	30 *
23	55 *	85 *	116 *	100 *	57 *	40 *	28 *	17 *	-9 *	14 *	18 *	29 *
24	52 *	87 *	100 *	100 *	56 *	39 *	28 *	16 *	-8 *	14 *	18 *	28 *
25	51 *	89 *	99 *	99 *	56 *	39 *	27 *	16 *	-8 *	14 *	19 *	32 *
26	44 *	91 *	96 *	98 *	55 *	38 *	27 *	15 *	-8 *	20 *	19 *	33 *
27	36 *	93 *	94 *	96 *	55 *	38 *	26 *	15 *	-8 *	20 *	19 *	38 *
28	34 *	96 *	92 *	92 *	54 *	37 *	26 *	15 *	-7 *	20 *	20 *	37 *
29	33 *		80 *	92 *	54 *	37 *	25 *	15 *	-7 *	18 *	20 *	37 *
30	31 *		83 *	90 *	53 *	36 *	24 *	14 *	-7 *	17 *	20 *	36 *
31	29 *		85 *		52 *		24 *	14 *		16 *		35 *
Nivel Max.	75 *	96 *	116 *	111 *	85 *	52 *	36 *	23 *	14 *	20 *	25 *	100 *
Día	2	28	23	8	1	1	vv	vv	vv	vv	5	vv
Hora	18	18	18	7	7	7					7	
Nivel Min.	28 *	30 *	80 *	80 *	52 *	36 *	23 *	14 *	-9 *	-9 *	15 *	21 *
Día	31	1	29	18	31	30	31	vv	vv	17	18	vv
Hora	18	7	18	7	18	18	18			18	18	
Nivel Medio	47	80	100	96	64	44	30	18	3	2	18	51

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H588	AMARILLO EN PORTOVELO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	47 *	60 *	108 *	122 *	110 *	70 *	49 *	45 *	40 *	35 *	48 *	47 *
2	77 *	60 *	105 *	130 *	105 *	68 *	49 *	45 *	40 *	35 *	49 *	47 *
3	103 *	60 *	105 *	129 *	102 *	67 *	49 *	45 *	40 *	35 *	49 *	47 *
4	98 *	111 *	114 *	128 *	96 *	65 *	49 *	45 *	39 *	35 *	49 *	47 *
5	95 *	153 *	109 *	141 *	94 *	67 *	49 *	45 *	39 *	35 *	49 *	47 *
6	95 *	164 *	100 *	138 *	91 *	65 *	49 *	45 *	39 *	35 *	54 *	48 *
7	94 *	165 *	95 *	141 *	90 *	62 *	49 *	45 *	38 *	35 *	58 *	64 *
8	88 *	151 *	95 *	197 *	89 *	62 *	49 *	45 *	35 *	35 *	64 *	136 *
9	83 *	150 *	92 *	178 *	87 *	60 *	49 *	45 *	35 *	35 *	64 *	110 *
10	71 *	149 *	90 *	161 *	86 *	59 *	49 *	45 *	35 *	35 *	62 *	91 *
11	83 *	148 *	90 *	146 *	85 *	59 *	49 *	45 *	35 *	35 *	60 *	81 *
12	65 *	144 *	94 *	139 *	83 *	59 *	49 *	45 *	35 *	35 *	59 *	79 *
13	65 *	140 *	95 *	133 *	80 *	57 *	47 *	45 *	35 *	35 *	59 *	77 *
14	65 *	137 *	100 *	130 *	77 *	55 *	47 *	45 *	35 *	35 *	56 *	75 *
15	65 *	135 *	107 *	118 *	75 *	52 *	47 *	45 *	35 *	35 *	59 *	73 *
16	63 *	126 *	110 *	110 *	74 *	52 *	47 *	45 *	35 *	35 *	59 *	75 *
17	62 *	121 *	115 *	105 *	71 *	52 *	47 *	45 *	35 *	35 *	59 *	74 *
18	62 *	119 *	135 *	101 *	90 *	50 *	47 *	45 *	35 *	35 *	60 *	72 *
19	62 *	117 *	154 *	105 *	98 *	50 *	47 *	45 *	35 *	35 *	60 *	70 *
20	62 *	114 *	131 *	105 *	97 *	50 *	47 *	45 *	35 *	35 *	60 *	69 *
21	62 *	107 *	117 *	105 *	104 *	50 *	47 *	42 *	35 *	36 *	57 *	67 *
22	61 *	105 *	131 *	105 *	94 *	50 *	47 *	42 *	35 *	37 *	56 *	72 *
23	60 *	104 *	163 *	121 *	85 *	50 *	47 *	40 *	35 *	38 *	57 *	80 *
24	60 *	102 *	156 *	134 *	80 *	50 *	47 *	40 *	35 *	40 *	55 *	84 *
25	60 *	101 *	124 *	130 *	77 *	50 *	47 *	40 *	35 *	43 *	50 *	80 *
26	60 *	108 *	131 *	123 *	75 *	50 *	47 *	40 *	35 *	45 *	43 *	75 *
27	60 *	111 *	130 *	117 *	74 *	50 *	47 *	40 *	35 *	45 *	40 *	74 *
28	60 *	110 *	126 *	111 *	70 *	50 *	47 *	40 *	35 *	47 *	43 *	71 *
29	60 *		124 *	110 *	70 *	50 *	47 *	40 *	35 *	47 *	46 *	108 *
30	60 *		121 *	110 *	70 *	49 *	47 *	40 *	35 *	47 *	47 *	99 *
31	60 *		120 *		70 *		45 *	40 *		47 *		94 *
Nivel Max.	105 *	189 *	175 *	205 *	110 *	70 *	49 *	45 *	40 *	47 *	65 *	145 *
Día	2	6	23	8	1	1	vv	vv	vv	vv	8	8
Hora	18	18	18	8	8	8					18	8
Nivel Min.	45 *	60 *	90 *	100 *	70 *	49 *	45 *	40 *	35 *	35 *	40 *	47 *
Día	1	vv	vv	18	vv	30	31	vv	vv	vv	27	vv
Hora	8			8		18	18				18	
Nivel Medio	70	120	115	127	85	56	48	43	36	38	54	75

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H589	PUYANGO AJ MARCABELI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	108 *	105 *	158 *	190 *	162 *	134 *	110 *	105 *	86 *	80 *	86 *	85 *
2	105 *	106 *	160 *	181 *	169 *	132 *	111 *	105 *	85 *	80 *	85 *	85 *
3	104 *	106 *	158 *	186 *	167 *	130 *	110 *	104 *	85 *	80 *	86 *	84 *
4	103 *	113 *	160 *	182 *	166 *	128 *	110 *	103 *	84 *	79 *	87 *	84 *
5	101 *	173 *	154 *	175 *	164 *	126 *	110 *	102 *	84 *	79 *	87 *	85 *
6	101 *	168 *	152 *	172 *	163 *	124 *	110 *	101 *	85 *	79 *	87 *	86 *
7	99 *	153 *	150 *	170 *	161 *	122 *	109 *	100 *	84 *	78 *	87 *	86 *
8	98 *	147 *	154 *	221 *	165 *	121 *	109 *	100 *	84 *	78 *	87 *	107 *
9	97 *	148 *	237 *	190 *	162 *	120 *	109 *	99 *	84 *	78 *	86 *	133 *
10	98 *	152 *	190 *	186 *	161 *	119 *	108 *	98 *	84 *	77 *	88 *	114 *
11	98 *	153 *	184 *	193 *	160 *	118 *	108 *	97 *	84 *	77 *	86 *	112 *
12	100 *	147 *	173 *	178 *	162 *	118 *	108 *	95 *	84 *	78 *	88 *	116 *
13	100 *	141 *	169 *	174 *	161 *	118 *	107 *	94 *	83 *	77 *	89 *	109 *
14	103 *	138 *	166 *	172 *	159 *	116 *	107 *	94 *	83 *	78 *	89 *	108 *
15	105 *	135 *	163 *	168 *	158 *	115 *	107 *	93 *	83 *	78 *	88 *	105 *
16	110 *	169 *	160 *	167 *	156 *	114 *	106 *	93 *	82 *	78 *	87 *	105 *
17	115 *	161 *	149 *	164 *	155 *	113 *	106 *	93 *	82 *	78 *	86 *	104 *
18	119 *	156 *	171 *	165 *	154 *	112 *	105 *	92 *	82 *	79 *	86 *	106 *
19	123 *	152 *	173 *	167 *	150 *	112 *	105 *	92 *	82 *	79 *	86 *	101 *
20	120 *	157 *	314 *	163 *	148 *	111 *	107 *	92 *	82 *	79 *	88 *	104 *
21	115 *	149 *	194 *	164 *	163 *	110 *	107 *	92 *	82 *	79 *	89 *	107 *
22	111 *	160 *	203 *	158 *	160 *	110 *	107 *	92 *	82 *	79 *	90 *	108 *
23	109 *	153 *	188 *	159 *	158 *	109 *	107 *	92 *	82 *	81 *	89 *	119 *
24	108 *	149 *	180 *	174 *	153 *	109 *	107 *	91 *	81 *	82 *	89 *	127 *
25	107 *	146 *	175 *	168 *	151 *	108 *	106 *	91 *	81 *	84 *	87 *	121 *
26	106 *	156 *	167 *	166 *	149 *	110 *	106 *	91 *	81 *	87 *	87 *	123 *
27	105 *	155 *	178 *	177 *	144 *	110 *	106 *	90 *	80 *	87 *	88 *	126 *
28	108 *	172 *	174 *	174 *	142 *	111 *	106 *	89 *	80 *	87 *	87 *	125 *
29	107 *		183 *	172 *	144 *	115 *	105 *	88 *	80 *	87 *	86 *	124 *
30	106 *		187 *	85 *	139 *	109 *	105 *	88 *	80 *	87 *	86 *	123 *
31	105 *		192 *				105 *	87 *		86 *		125 *
Nivel Max.	126 *	176 *	365 *	232 *		135 *	111 *	105 *	86 *	88 *	91 *	140 *
Día	19	5	20	8		1	2	vv	1	26	22	9
Hora	7	7	7	7		7	7		7	7	7	7
Nivel Min.	96 *	104 *	148 *	157 *		108 *	105 *	87 *	79 *	76 *	84 *	83 *
Día	9	1	7	22		25	vv	31	30	13	2	3
Hora	17	17	17	17		7		7	17	17	17	17
Nivel Medio	106	147	178	172	157	116	107	95	82	80	87	108

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H590	MARCABELI AJ PUYANGO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	54 *	56 *	57 *	84 *	67 *	60 *	60 *	58 *	56 *	55 *	55 *	55 *
2	54 *	56 *	57 *	82 *	66 *	63 *	60 *	58 *	57 *	55 *	55 *	55 *
3	54 *	56 *	54 *	90 *	66 *	60 *	60 *	58 *	56 *	55 *	55 *	55 *
4	55 *	56 *	57 *	92 *	65 *	60 *	60 *	58 *	56 *	55 *	55 *	55 *
5	55 *	58 *	56 *	84 *	65 *	60 *	60 *	58 *	56 *	55 *	55 *	56 *
6	54 *	63 *	57 *	74 *	66 *	61 *	60 *	58 *	56 *	55 *	55 *	56 *
7	54 *	58 *	58 *	66 *	66 *	61 *	60 *	58 *	56 *	55 *	55 *	56 *
8	54 *	55 *	61 *	75 *	67 *	61 *	60 *	58 *	56 *	55 *	55 *	56 *
9	55 *	56 *	65 *	70 *	67 *	61 *	60 *	58 *	56 *	55 *	55 *	57 *
10	56 *	58 *	59 *	70 *	66 *	61 *	60 *	59 *	56 *	55 *	56 *	58 *
11	55 *	57 *	59 *	83 *	66 *	61 *	60 *	59 *	56 *	55 *	56 *	58 *
12	55 *	56 *	60 *	74 *	65 *	60 *	60 *	59 *	56 *	55 *	56 *	58 *
13	56 *	58 *	67 *	71 *	65 *	60 *	59 *	58 *	55 *	55 *	56 *	58 *
14	56 *	56 *	64 *	70 *	65 *	61 *	59 *	58 *	55 *	55 *	55 *	58 *
15	55 *	57 *	65 *	118 *	64 *	61 *	59 *	58 *	55 *	55 *	55 *	57 *
16	57 *	57 *	73 *	67 *	64 *	61 *	59 *	58 *	55 *	55 *	55 *	57 *
17	57 *	68 *	78 *	65 *	64 *	61 *	59 *	58 *	55 *	55 *	55 *	56 *
18	58 *	63 *	69 *	66 *	63 *	64 *	59 *	58 *	55 *	55 *	55 *	57 *
19	58 *	59 *	68 *	82 *	63 *	61 *	59 *	58 *	55 *	55 *	55 *	56 *
20	58 *	63 *	244 *	71 *	65 *	61 *	59 *	58 *	55 *	55 *	56 *	56 *
21	57 *	62 *	179 *	70 *	65 *	62 *	59 *	58 *	55 *	56 *	55 *	56 *
22	57 *	62 *	150 *	69 *	66 *	62 *	59 *	58 *	55 *	55 *	55 *	57 *
23	67 *	59 *	73 *	117 *	64 *	62 *	59 *	58 *	55 *	56 *	55 *	57 *
24	57 *	61 *	72 *	72 *	63 *	62 *	59 *	58 *	55 *	56 *	55 *	58 *
25	57 *	57 *	70 *	68 *	63 *	62 *	59 *	58 *	55 *	57 *	55 *	58 *
26	57 *	58 *	69 *	67 *	63 *	62 *	59 *	58 *	55 *	57 *	55 *	58 *
27	57 *	60 *	68 *	68 *	64 *	62 *	59 *	58 *	55 *	56 *	56 *	59 *
28	57 *	71 *	69 *	67 *	61 *	61 *	59 *	57 *	55 *	56 *	56 *	59 *
29	57 *		77 *	66 *	61 *	61 *	59 *	57 *	55 *	56 *	55 *	59 *
30	57 *		82 *	66 *	62 *	61 *	59 *	57 *	55 *	56 *	55 *	59 *
31	57 *		44 *				58 *	57 *		56 *		58 *
Nivel Max.	77 *	75 *	288 *	167 *		66 *	60 *	59 *	57 *	57 *	56 *	59 *
Día	23	28	20	15		2	vv	vv	2	vv	vv	vv
Hora	7	7	7	17		7			7			
Nivel Min.	53 *	54 *	52 *	62 *		60 *	58 *	57 *	54 *	55 *	54 *	54 *
Día	7	8	5	17		vv	31	vv	23	vv	5	2
Hora	17	17	17	17		17			7		17	17
Nivel Medio	56	59	77	76	64	61	59	58	55	55	55	57

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H591	PUYANGO EN CPTO.MILITAR (PTE.CARRETERA)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	71 *	57 *	159 *	206 *	177 *	103 *	68 *	50 *	35 *	28 *	26 *	30 *
2	79 *	58 *	175 *	230 *	178 *	102 *	68 *	49 *	35 *	27 *	31 *	32 *
3	142 *	57 *	146 *	219 *	164 *	101 *	67 *	48 *	36 *	26 *	32 *	31 *
4	110 *	65 *	200 *	205 *	158 *	99 *	65 *	48 *	35 *	26 *	30 *	30 *
5	92 *	191 *	179 *	187 *	157 *	97 *	65 *	47 *	34 *	25 *	39 *	30 *
6	90 *	184 *	256 *	190 *	148 *	102 *	76 *	45 *	34 *	25 *	45 *	39 *
7	82 *	155 *	244 *	247 *	144 *	97 *	66 *	44 *	33 *	26 *	39 *	41 *
8	79 *	130 *	286 *	280 *	140 *	95 *	64 *	43 *	33 *	25 *	38 *	124 *
9	73 *	127 *	279 *	238 *	137 *	93 *	63 *	46 *	34 *	24 *	37 *	105 *
10	69 *	138 *	228 *	230 *	135 *	92 *	63 *	44 *	32 *	25 *	36 *	76 *
11	66 *	131 *	196 *	247 *	132 *	95 *	61 *	42 *	31 *	25 *	37 *	68 *
12	63 *	123 *	187 *	221 *	128 *	87 *	59 *	42 *	31 *	25 *	40 *	51 *
13	55 *	110 *	186 *	221 *	125 *	87 *	60 *	42 *	29 *	25 *	42 *	55 *
14	49 *	141 *	163 *	200 *	123 *	85 *	60 *	42 *	30 *	25 *	40 *	57 *
15	53 *	163 *	169 *	190 *	121 *	85 *	59 *	42 *	31 *	25 *	36 *	61 *
16	55 *	160 *	168 *	182 *	118 *	83 *	58 *	40 *	31 *	24 *	34 *	72 *
17	57 *	140 *	164 *	182 *	114 *	81 *	58 *	41 *	30 *	24 *	34 *	65 *
18	97 *	129 *	177 *	184 *	124 *	80 *	57 *	40 *	29 *	25 *	35 *	59 *
19	91 *	131 *	207 *	195 *	132 *	80 *	56 *	40 *	30 *	25 *	36 *	61 *
20	85 *	128 *	346 *	186 *	134 *	79 *	56 *	39 *	30 *	25 *	47 *	64 *
21	83 *	158 *	265 *	186 *	151 *	80 *	56 *	38 *	27 *	26 *	42 *	69 *
22	72 *	186 *	221 *	176 *	142 *	77 *	54 *	38 *	28 *	40 *	37 *	99 *
23	68 *	154 *	262 *	169 *	126 *	75 *	53 *	37 *	27 *	43 *	36 *	93 *
24	65 *	148 *	248 *	218 *	124 *	74 *	53 *	37 *	27 *	36 *	34 *	82 *
25	63 *	141 *	233 *	214 *	119 *	73 *	54 *	36 *	28 *	31 *	31 *	79 *
26	62 *	132 *	200 *	196 *	120 *	72 *	54 *	37 *	27 *	32 *	32 *	75 *
27	59 *	148 *	199 *	213 *	115 *	71 *	53 *	37 *	27 *	39 *	30 *	81 *
28	58 *	262 *	220 *	201 *	114 *	70 *	53 *	37 *	28 *	32 *	30 *	79 *
29	56 *		209 *	189 *	108 *	69 *	51 *	36 *	27 *	33 *	27 *	80 *
30	56 *		247 *	183 *	105 *	69 *	53 *	36 *	28 *	30 *	25 *	110 *
31	57 *		234 *		104 *		54 *	36 *		33 *		96 *
Nivel Max.	145 *	327 *	391 *	297 *	184 *	105 *	77 *	50 *	36 *	53 *	50 *	158 *
Día	3	28	20	8	2	6	6	1	3	22	20	8
Hora	18	7	7	7	7	7	7	18	18	17	18	18
Nivel Min.	48 *	56 *	143 *	167 *	103 *	68 *	50 *	35 *	26 *	23 *	20 *	29 *
Día	14	1	1	23	31	30	29	30	27	9	30	5
Hora	18	18	7	18	7	7	7	7	7	7	7	7
Nivel Medio	73	137	214	206	132	85	59	41	30	28	35	67

NOTA: * DATOS LIMNIMETRICOS

2002

H616	ALAMOR EN SAUCILLO(DJ CELICA)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	90 *	78 *	131 *	166 *	151 *	107 *	107 *	97	98	97	95	95
2	88 *	79 *	120 *	169 *	148 *	111 *	106 *	97	98	97	95	95
3	87 *	81 *	114 *	175 *	147 *	110 *	104 *	98	98	97	95	95
4	86 *	81 *	167 *	160 *	142 *	110 *	104 *	98	98	97	95	95
5	85 *	91 *	148 *	154 *	140 *	110 *		98	98	96	95	95
6	85 *	133 *	175 *	154 *	139 *	110 *	103 *	98	98	96	95	95
7	85 *	130 *	147 *	270 *	153 *	110 *	103 *	98	98	96	95	95
8	84 *	98 *	169 *	197 *	137 *	110 *	103 *	98	98	96	96	95
9	84 *	97 *	200 *	171 *	134 *	109 *	103 *	97	97	96	96	94
10	83 *	90 *	175 *	159 *	134 *	111 *	103 *	97	97	96	96	94
11	82 *	96 *		193 *	132 *	111 *	103 *	97	97	96	96	94
12	82 *	98 *	156 *	166 *	130 *	110 *	101 *	97	97	96	96	95
13	81 *	98 *	146 *	163 *	130 *	110 *	101 *	97	97	96	97	95
14	81 *	97 *	132 *	181 *	128 *	110 *	101 *	98	97	96	97	95
15	81 *	133 *	134 *	167 *	128 *	110 *	101 *	97	97	96	97	95
16	83 *	116 *	165 *	151 *	126 *	114 *	101 *	97	97	96	97	95
17	85 *	105 *	175 *	158 *	127 *	108 *	101 *	97	97	96	97	95
18	85 *	102 *	169 *	157 *	127 *	108 *	101 *	97	97	95	97	95
19	84 *	131 *	234 *	155 *	127 *	108 *	101 *	97	97	95	97	95
20	82 *	140 *	246 *	160 *	126 *	107 *	101 *	97	97	95	97	95
21	80 *	142 *	190 *	164 *	125 *	107 *	100 *	97	97	96	96	95
22	80 *	149 *	188 *	152 *	123 *	107 *	99 *	97	96	96	96	95
23	78 *	132 *	325 *	150 *	122 *	107 *	98 *	97	96	96	96	95
24	78 *	126 *	196 *	150 *	121 *	107 *	98 *	97	96	96	96	95
25	78 *	123 *	220 *	148 *	120 *	107 *	98 *	97	97	96	96	95
26	78 *	107 *	176 *	144 *	125 *	106 *	98 *	98	97	96	95	95
27	79 *	105 *	166 *	157 *	122 *	106 *	98 *	98	97	96	95	95
28	79 *	332 *	178 *		118 *	105 *	97 *	98	97	96	95	96
29	79 *		174 *	146 *	118 *	105 *	97 *	98	96	96	95	96
30	79 *		218 *	151 *	118 *	105 *	97 *	98	96	97	95	96
31	78 *		176 *		117 *		97 *	98		95		96
Nivel Max.	90 *	332 *			168 *	118 *		98	98	97	97	96
Día	1	28			7	16		vv	vv	vv	vv	vv
Hora	7	7			17	17						
Nivel Min.	78 *	78 *			117 *	105 *		97	96	95	95	94
Día	vv	1			31	vv		vv	vv	vv	vv	vv
Hora		18			7							
Nivel Medio	82	117	177	165	130	108	101	97	97	96	96	95

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H621	JORUPE EN AMALUZA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	33 *	36 *	44 *	10 *	23 *	20 *	36 *	18 *	10 *	10 *	10 *	19 *
2	30 *	30 *	41 *	10 *	44 *	20 *	39 *	10 *	10 *	10 *	12 *	18 *
3	24 *	25 *	33 *	22 *	28 *	20 *	27 *	10 *	10 *	10 *	15 *	11 *
4	20 *	35 *	53 *	34 *	25 *	19 *	25 *	10 *	10 *	10 *	14 *	10 *
5	20 *	80 *	44 *	15 *	22 *	18 *	29 *	10 *	10 *	10 *	17 *	18 *
6	25 *	69 *	30 *	10 *	20 *	15 *	30 *	10 *	10 *	10 *	24 *	30 *
7	17 *	43 *	27 *	15 *	20 *	15 *	27 *	13 *	10 *	10 *	22 *	32 *
8	15 *	30 *	25 *	40 *	20 *	15 *	24 *	10 *	10 *	10 *	18 *	25 *
9	15 *	29 *	20 *	30 *	20 *	15 *	20 *	10 *	10 *	10 *	16 *	20 *
10	15 *	25 *	20 *	25 *	25 *	15 *	20 *	10 *	10 *	10 *	16 *	17 *
11	15 *	25 *	16 *	19 *	48 *	15 *	22 *	10 *	10 *	10 *	14 *	12 *
12	15 *	21 *	15 *	15 *	43 *	15 *	30 *	10 *	10 *	10 *	10 *	14 *
13	14 *	20 *	15 *	15 *	25 *	15 *	25 *	10 *	10 *	10 *	10 *	17 *
14	11 *	20 *	15 *	15 *	25 *	15 *	21 *	10 *	10 *	10 *	13 *	20 *
15	10 *	40 *	15 *	15 *	29 *	15 *	20 *	10 *	10 *	10 *	17 *	21 *
16	10 *	37 *	15 *	15 *	30 *	15 *	20 *	10 *	10 *	10 *	18 *	30 *
17	10 *	30 *	14 *	15 *	25 *	15 *	20 *	10 *	10 *	10 *	17 *	32 *
18	10 *	30 *	11 *	18 *	25 *	19 *	23 *	10 *	10 *	10 *	18 *	25 *
19	10 *	30 *	10 *	20 *	20 *	20 *	25 *	10 *	10 *	10 *	19 *	24 *
20	10 *	29 *	10 *	23 *	28 *	54 *	25 *	10 *	10 *	10 *	19 *	22 *
21	10 *	25 *	10 *	58 *	38 *	43 *	23 *	10 *	10 *	14 *	18 *	31 *
22	10 *	25 *	10 *	43 *	44 *	28 *	23 *	10 *	10 *	17 *	33 *	17 *
23	10 *	25 *	10 *	30 *	45 *	25 *	20 *	10 *	10 *	29 *	18 *	15 *
24	10 *	25 *	10 *	37 *	45 *	20 *	50 *	10 *	10 *	12 *	10 *	13 *
25	19 *	25 *	10 *	35 *	42 *	20 *	45 *	10 *	10 *	10 *	10 *	15 *
26	28 *	29 *	10 *	49 *	38 *	18 *	25 *	10 *	10 *	10 *	10 *	19 *
27	35 *	35 *	10 *	40 *	30 *	18 *	30 *	10 *	10 *	22 *	27 *	22 *
28	35 *	57 *	10 *	28 *	30 *	18 *	38 *	10 *	18 *	24 *	22 *	27 *
29	29 *		10 *	25 *	25 *	15 *	49 *	10 *	28 *	18 *	24 *	15 *
30	25 *		10 *	20 *	23 *	20 *	51 *	10 *	10 *	23 *	16 *	12 *
31	25 *		10 *		20 *		35 *	10 *		14 *		10 *
Nivel Max.	40 *	90 *	60 *	70 *	50 *	60 *	54 *	20 *	36 *	38 *	35 *	36 *
Día	27	5	4	21	24	20	30	1	29	23	22	7
Hora	7	17	7	17	7	17	7	7	7	7	17	7
Nivel Min.	10 *	20 *	10 *	10 *	20 *	15 *	20 *	10 *	10 *	10 *	10 *	10 *
Día	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv	vv
Hora												
Nivel Medio	18	33	19	25	30	20	29	10	11	13	17	20

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H625	ALAMOR EN PTE.MERCADILLO											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	10 *	8 *	40 *	55 *	39 *	25 *	19 *	12 *	8 *	7 *	4 *	2 *
2	10 *	8 *	40 *	54 *	39 *	25 *	19 *	11 *	8 *	6 *	4 *	2 *
3	10 *	8 *	40 *	54 *	39 *	25 *	19 *	11 *	8 *	6 *	4 *	2 *
4	18 *	8 *	40 *	54 *	38 *	24 *	18 *	11 *	8 *	6 *	4 *	2 *
5	12 *	35 *	70 *	53 *	38 *	24 *	18 *	11 *	8 *	6 *	4 *	2 *
6	12 *	14 *	48 *	53 *	37 *	24 *	17 *	11 *	8 *	6 *	4 *	2 *
7	12 *	14 *	43 *	52 *	37 *	24 *	17 *	11 *	8 *	6 *	4 *	8 *
8	11 *	14 *	40 *	52 *	36 *	24 *	17 *	10 *	8 *	6 *	4 *	6 *
9	11 *	13 *	40 *	51 *	36 *	24 *	16 *	10 *	8 *	6 *	4 *	6 *
10	11 *	13 *	39 *	51 *	35 *	24 *	16 *	10 *	8 *	5 *	4 *	6 *
11	11 *	67 *	39 *	50 *	35 *	23 *	16 *	10 *	8 *	5 *	4 *	6 *
12	11 *	28 *	38 *	50 *	34 *	23 *	15 *	10 *	8 *	5 *	4 *	6 *
13	10 *	25 *	38 *	50 *	34 *	23 *	15 *	10 *	8 *	5 *	4 *	6 *
14	10 *	24 *	38 *	49 *	33 *	23 *	15 *	10 *	8 *	5 *	3 *	5 *
15	10 *	21 *	38 *	49 *	33 *	23 *	15 *	10 *	8 *	5 *	3 *	5 *
16	10 *	20 *	37 *	48 *	32 *	23 *	14 *	10 *	7 *	5 *	3 *	5 *
17	10 *	20 *	37 *	48 *	32 *	22 *	14 *	10 *	7 *	5 *	3 *	5 *
18	10 *	40 *	37 *	48 *	31 *	22 *	14 *	10 *	7 *	5 *	3 *	5 *
19	10 *	35 *	119 *	47 *	31 *	22 *	14 *	9 *	7 *	5 *	3 *	5 *
20	9 *	34 *	65 *	47 *	30 *	22 *	14 *	9 *	7 *	5 *	3 *	5 *
21	9 *	34 *	60 *	46 *	30 *	21 *	14 *	9 *	7 *	5 *	3 *	5 *
22	9 *	33 *	60 *	46 *	29 *	21 *	13 *	9 *	7 *	4 *	3 *	8 *
23	9 *	32 *	60 *	45 *	29 *	21 *	13 *	9 *	7 *	4 *	3 *	8 *
24	9 *	32 *	59 *	45 *	28 *	21 *	13 *	9 *	7 *	4 *	3 *	8 *
25	9 *	30 *	59 *	44 *	28 *	20 *	13 *	9 *	7 *	4 *	2 *	8 *
26	9 *	30 *	59 *	44 *	27 *	20 *	12 *	9 *	7 *	4 *	2 *	8 *
27	9 *	100 *	58 *	43 *	27 *	20 *	12 *	9 *	7 *	4 *	2 *	8 *
28	9 *	40 *	57 *	43 *	26 *	20 *	12 *	9 *	7 *	4 *	2 *	8 *
29	8 *		56 *	42 *	26 *	20 *	12 *	9 *	7 *	4 *	2 *	7 *
30	8 *		55 *	41 *	25 *	19 *	12 *	9 *	7 *	4 *	2 *	7 *
31	8 *		55 *		25 *		12 *	9 *		4 *		7 *
Nivel Max.	25 *	150 *	200 *	55 *	39 *	25 *	19 *	12 *	8 *	7 *	4 *	10 *
Día	4	27	19	1	vv	vv	vv	1	vv	1	vv	22
Hora	18	18	18	6				6		6		18
Nivel Min.	8 *	7 *	37 *	40 *	25 *	19 *	12 *	8 *	7 *	4 *	2 *	2 *
Día	vv	4	vv	30	vv	29	vv	31	vv	vv	vv	vv
Hora		18		18		18		18				
Nivel Medio	10	28	50	48	32	22	15	10	7	5	3	6

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H627	UCHIMA AJ CHAMBA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	80 *	130 *	73 *	73 *	108 *	73 *	78 *	69 *	38 *	48 *	70 *	60 *
2	75 *	115 *	70 *	80 *	98 *	63 *	69 *	69 *	46 *	43 *	100 *	59 *
3	70 *	95 *	70 *	83 *	85 *	57 *	61 *	69 *	62 *	43 *	103 *	78 *
4	75 *	103 *	75 *	93 *	78 *	58 *	58 *	64 *	63 *	58 *	95 *	70 *
5	88 *	135 *	90 *	83 *	70 *	61 *	64 *	60 *	53 *	74 *	78 *	63 *
6	73 *	138 *	93 *	73 *	69 *	55 *	82 *	57 *	50 *	53 *	68 *	60 *
7	73 *	79 *	73 *	83 *	60 *	60 *	73 *	54 *	51 *	50 *	63 *	60 *
8	70 *	68 *	73 *	110 *	60 *	61 *	69 *	50 *	75 *	49 *	64 *	61 *
9	70 *	70 *	70 *	85 *	58 *	68 *	63 *	52 *	77 *	49 *	61 *	60 *
10	60 *	69 *	68 *	88 *	85 *	74 *	60 *	52 *	57 *	56 *	65 *	58 *
11	60 *	70 *	68 *	85 *	95 *	56 *	81 *	50 *	43 *	50 *	65 *	56 *
12	58 *	68 *	66 *	73 *	85 *	55 *	80 *	50 *	34 *	48 *	67 *	56 *
13	58 *	66 *	67 *	64 *	69 *	55 *	73 *	50 *	41 *	45 *	65 *	60 *
14	56 *	74 *	70 *	63 *	75 *	58 *	70 *	50 *	41 *	48 *	68 *	65 *
15	56 *	73 *	70 *	60 *	73 *	63 *	68 *	65 *	40 *	48 *	69 *	93 *
16	56 *	70 *	68 *	98 *	73 *	80 *	66 *	70 *	48 *	55 *	86 *	105 *
17	54 *	133 *	66 *	58 *	75 *	69 *	60 *	70 *	50 *	63 *	98 *	76 *
18	52 *	95 *	66 *	56 *	85 *	60 *	60 *	68 *	51 *	61 *	69 *	74 *
19	52 *	88 *	71 *	56 *	83 *	98 *	59 *	63 *	51 *	59 *	67 *	67 *
20	53 *	80 *	79 *	75 *	73 *	88 *	58 *	58 *	54 *	73 *	64 *	73 *
21	56 *	73 *	73 *	115 *	80 *	73 *	63 *	56 *	80 *	79 *	70 *	88 *
22	56 *	70 *	70 *	93 *	79 *	63 *	80 *	54 *	113 *	73 *	80 *	73 *
23	60 *	70 *	69 *	88 *	77 *	60 *	93 *	50 *	100 *	68 *	83 *	70 *
24	83 *	100 *	65 *	67 *	72 *	58 *	88 *	50 *	88 *	60 *	73 *	88 *
25	90 *	110 *	85 *	78 *	79 *	55 *	74 *	48 *	46 *	57 *	63 *	85 *
26	135 *	75 *	78 *	78 *	77 *	54 *	70 *	45 *	43 *	52 *	60 *	93 *
27	95 *	68 *	69 *	88 *	78 *	53 *	68 *	45 *	33 *	50 *	91 *	78 *
28	84 *	83 *	63 *	81 *	65 *	52 *	70 *	45 *	41 *	61 *	78 *	70 *
29	65 *		60 *	79 *	63 *	52 *	93 *		43 *	73 *	88 *	70 *
30	77 *		60 *	100 *	60 *	52 *	98 *		48 *	70 *	63 *	70 *
31	80 *		60 *		73 *					71 *		78 *
Nivel Max.	140 *	146 *	100 *	120 *	120 *	100 *			114 *	80 *	120 *	110 *
Día	26	17	5	8	1	19			22	21	2	16
Hora	15	7	17	7	17	7			18	8	18	18
Nivel Min.	50 *	65 *	60 *	50 *	58 *	52 *			30 *	40 *	60 *	56 *
Día	29	8	vv	24	9	vv			1	2	26	vv
Hora	15	7		16	7				18	18	7	
Nivel Medio	70	88	71	80	76	63	71	57	55	57	74	71

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H719	QUIJOS DJ OYACACHI											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1				69 *	130 *	138 *	270 *	170 *	71 *		96 *	97 *
2				220 *	112 *	110 *	173 *	162 *	73 *		77 *	120 *
3				153 *	106 *	153 *	129 *	149 *	113 *		85 *	93 *
4				135 *	130 *	117 *	97 *	133 *	95 *		113 *	90 *
5				124 *	141 *	107 *	100 *	121 *	150 *		140 *	83 *
6				106 *	134 *	98 *	123 *	108 *	87 *		98 *	73 *
7				95 *	120 *	88 *	118 *	120 *	123 *		77 *	62 *
8				215 *	103 *	123 *	108 *	107 *	120 *		68 *	115 *
9				220 *	114 *	105 *	95 *	96 *	107 *		62 *	87 *
10				170 *	130 *	118 *	149 *	122 *	112 *		120 *	78 *
11				122 *	120 *	95 *	195 *	135 *	92 *		130 *	70 *
12				93 *	118 *	83 *	170 *	129 *	86 *		105 *	44 *
13				64 *	151 *	125 *	138 *	120 *	62 *		95 *	40 *
14				58 *	166 *	114 *	120 *	133 *	55 *		156 *	40 *
15				50 *	140 *	127 *	135 *	97 *			113 *	98 *
16				90 *	133 *	118 *	123 *	91 *		50 *	160 *	89 *
17				175 *	131 *	136 *	121 *	100 *		62 *	171 *	85 *
18				130 *	109 *	94 *	140 *	95 *	77 *	82 *	115 *	105 *
19				101 *	113 *	92 *	126 *	104 *	90 *	91 *	89 *	87 *
20				75 *	130 *	117 *	112 *	113 *	95 *	109 *	81 *	76 *
21				63 *	100 *	113 *	108 *	123 *	88 *	165 *	73 *	55 *
22				51 *	103 *	95 *	96 *	133 *	83 *	106 *	110 *	43 *
23				50 *	114 *	78 *	85 *	137 *	71 *	100 *	139 *	
24				75 *		68 *	181 *	123 *	61 *	175 *	119 *	110 *
25				150 *	180 *	58 *	149 *	111 *	50 *	113 *	107 *	67 *
26				124 *	110 *	50 *	128 *	98 *		91 *	98 *	58 *
27				106 *	220 *		113 *	125 *		83 *	125 *	73 *
28				85 *	157 *		105 *	101 *		68 *	205 *	58 *
29				57 *	125 *		155 *	84 *			143 *	43 *
30				50 *	130 *		250 *	78 *			113 *	
31					138 *		180 *	78 *				
Nivel Max.				260 *			290 *	180 *			210 *	
Día				9			1	1			28	
Hora				17			17	6			17	
Nivel Min.				50 *			80 *	74 *			60 *	
Día				vv			23	31			9	
Hora							17	17			17	
Nivel Medio				109	130	104	138	116	89		113	76

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H720 MISAHUALLI EN COTUNDO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	147 *	142 *	92 *	140 *	124 *	149 *	172 *	127 *	115 *	113 *	113 *	
2	127 *	129 *	86 *	161 *	123 *	131 *	180 *	123 *	112 *	106 *	112 *	
3	124 *	121 *	82 *	149 *	120 *	133 *	144 *	118 *	117 *	152 *	115 *	
4	121 *	127 *	78 *	138 *	139 *	124 *	162 *	108 *	109 *	135 *	112 *	
5	115 *	169 *	97 *	152 *	132 *	119 *	155 *	94 *	115 *	125 *	126 *	
6	111 *	155 *	119 *	137 *	138 *	132 *	153 *	91 *	121 *	120 *	124 *	
7	118 *	123 *	122 *	130 *	120 *	117 *	179 *	90 *	123 *	118 *	124 *	
8		108 *	119 *	129 *	116 *	122 *	162 *	91 *	169 *	139 *	121 *	
9		100 *	116 *	121 *	113 *	121 *	172 *	88 *	128 *	128 *	119 *	
10		102 *	112 *	110 *	113 *	120 *	170 *	86 *	119 *	129 *	123 *	
11		98 *	121 *	102 *	122 *	165 *	180 *	83 *	116 *	130 *	137 *	
12		96 *	124 *	95 *	155 *	130 *	183 *	80 *	111 *	127 *	128 *	
13		95 *	130 *	93 *	154 *	125 *	172 *	91 *	110 *	121 *	123 *	
14	91 *	91 *	113 *	116 *	139 *	134 *	156 *	88 *	109 *	117 *	120 *	
15	90 *	89 *	107 *	161 *	132 *	155 *	150 *		134 *	112 *	117 *	
16	88 *	88 *	105 *	129 *	127 *	149 *	147 *		128 *	122 *	118 *	
17	88 *	87 *	100 *	127 *	116 *	135 *	180 *		105 *	155 *	123 *	
18	86 *	95 *	102 *	122 *	107 *	135 *	173 *	127 *	97 *	127 *	131 *	
19	92 *	131 *	122 *	105 *	147 *	162 *	162 *	119 *	91 *		142 *	
20	96 *	124 *	129 *	89 *	129 *	123 *	139 *	138 *	88 *		139 *	
21	102 *	120 *	136 *	108 *	162 *	131 *	137 *	126 *	86 *	125 *	128 *	
22	109 *	118 *	126 *	150 *	142 *	123 *	126 *	120 *	85 *	123 *	118 *	
23	112 *	116 *	121 *	122 *	123 *	120 *	103 *	115 *		116 *	115 *	
24	119 *	111 *	119 *	118 *	118 *	121 *	130 *	127 *		98 *		
25	118 *	108 *	117 *	116 *	171 *	119 *	161 *	112 *	90 *	95 *	112 *	
26	116 *	105 *	134 *	120 *	150 *	116 *	137 *	110 *	108 *	90 *	128 *	
27	113 *	100 *	130 *	115 *	138 *	118 *	133 *	108 *	164 *	87 *	121 *	
28	116 *	99 *	127 *	113 *	126 *	118 *	132 *	106 *	136 *	85 *	119 *	
29	119 *		126 *	113 *	116 *	152 *	133 *	104 *	122 *	90 *	115 *	
30	128 *		126 *	110 *	109 *	152 *	168 *	105 *	118 *	102 *	113 *	
31	120 *		126 *		139 *		134 *	117 *		117 *		
Nivel Max.		186 *	140 *	174 *	178 *	172 *	191 *					
Día		5	21	15	25	11	17					
Hora		16	7	7	16	16	16					
Nivel Min.		86 *	78 *	88 *	106 *	116 *	102 *					
Día		17	4	20	18	26	23					
Hora		16	16	16	16	7	7					
Nivel Medio	111	112	115	123	131	132	154	107	115	117	122	

NOTA: * DATOS LIMNIMETRICOS

2002

H722 YANAHURCO DJ VALLE												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	86 *	88 *	90 *	90 *	106 *	112 *	133 *	121 *	106 *	93 *	98 *	109 *
2	86 *	88 *	90 *	92 *	106 *	113 *	122 *	125 *	103 *	92 *	99 *	101 *
3	84 *	88 *	90 *	96 *	103 *	110 *	116 *	125 *	104 *	92 *	103 *	98 *
4	84 *	103 *	90 *	96 *	101 *	108 *	109 *	122 *	113 *	92 *	108 *	95 *
5	84 *	103 *	90 *	100 *	101 *	108 *	112 *	122 *	102 *	92 *	114 *	94 *
6	84 *	101 *	90 *	104 *	104 *	107 *	111 *	117 *	101 *	92 *	120 *	94 *
7	85 *	100 *	88 *	114 *	108 *	107 *	110 *	127 *	109 *	96 *	108 *	94 *
8	86 *	100 *	88 *	115 *	108 *	108 *	104 *	130 *	105 *	98 *	104 *	94 *
9	88 *	98 *	88 *	102 *	108 *	106 *	99 *	127 *	104 *	96 *	101 *	94 *
10	88 *	98 *	88 *	101 *	107 *	107 *	108 *	125 *	104 *	93 *	98 *	93 *
11	88 *	97 *	88 *	100 *	106 *	154 *	110 *	121 *	103 *	93 *	96 *	92 *
12	86 *	96 *	88 *	100 *	106 *	132 *	115 *	115 *	100 *	94 *	95 *	92 *
13	85 *	94 *	88 *	100 *	105 *	117 *	118 *	119 *	98 *	95 *	98 *	92 *
14	84 *	92 *	88 *	100 *	104 *	115 *	117 *	119 *	98 *	92 *	98 *	92 *
15	84 *	90 *	88 *	98 *	104 *	114 *	116 *	127 *	98 *	92 *	100 *	92 *
16	82 *	90 *	88 *	98 *	102 *	114 *	113 *	134 *	98 *	96 *	102 *	93 *
17	81 *	90 *	88 *	98 *	102 *	113 *	117 *	131 *	97 *	93 *	101 *	95 *
18	80 *	88 *	88 *	98 *	102 *	112 *	118 *	128 *	97 *	94 *	99 *	105 *
19	80 *	88 *	88 *	97 *	102 *	115 *	118 *	123 *	99 *	94 *	98 *	99 *
20	80 *	85 *	88 *	96 *	102 *	120 *	117 *	115 *	98 *	94 *	100 *	103 *
21	80 *	84 *	90 *	96 *	102 *	116 *	104 *	111 *	98 *	94 *	105 *	101 *
22	84 *	84 *	90 *	97 *	105 *	109 *	108 *	110 *	98 *	96 *	118 *	96 *
23	84 *	87 *	88 *	102 *	105 *	108 *	108 *	109 *	98 *	96 *	121 *	94 *
24	84 *	89 *	88 *	105 *	104 *	116 *	111 *	108 *	97 *	104 *	120 *	95 *
25	84 *	90 *	88 *	120 *	104 *	139 *	114 *	108 *	96 *	104 *	118 *	97 *
26	84 *	90 *		115 *	106 *	134 *	116 *	107 *	94 *	103 *	118 *	98 *
27	86 *	90 *		111 *	109 *	110 *	118 *	106 *	95 *	103 *	118 *	98 *
28	86 *	90 *	88 *	106 *	189 *	111 *	124 *	105 *	95 *	106 *	116 *	98 *
29	86 *		88 *	100 *	118 *	110 *	148 *	105 *	94 *	114 *	116 *	97 *
30	86 *		88 *	95 *	109 *	111 *	200 *	102 *	94 *	101 *	113 *	96 *
31	86 *		89 *		108 *		129 *	101 *		97 *		96 *
Nivel Max.	88 *	104 *		128 *	206 *	192 *	208 *	134 *	117 *	120 *	124 *	110 *
Día	vv	5		8	28	11	30	16	4	29	22	1
Hora		6		6	6	18	18	6	6	18	18	6
Nivel Min.	80 *	84 *		90 *	98 *	106 *	98 *	100 *	94 *	91 *	94 *	92 *
Día	vv	vv		1	1	7	9	31	vv	15	12	vv
Hora				18	6	6	18	18		6	18	
Nivel Medio	84	92	89	101	108	115	118	118	100	96	107	96

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H731 COSANGA AJ QUIJOS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	107 *	123 *	127 *	138 *	148 *	163 *	250 *	225 *	141 *	106 *	111 *	
2	113 *	114 *	124 *	168 *	139 *	162 *	208 *	225 *	163 *	104 *	118 *	
3	109 *	114 *	119 *	157 *	123 *	166 *	160 *	191 *	173 *	102 *	136 *	
4	106 *	163 *	116 *	273 *	122 *	166 *	143 *	170 *	163 *	100 *	130 *	
5	102 *	153 *	114 *	240 *	120 *	163 *	138 *	153 *	170 *	100 *	127 *	
6	98 *	148 *	111 *	190 *	138 *	147 *	138 *	137 *	159 *	98 *	122 *	
7	94 *	134 *	109 *	169 *	123 *	147 *	130 *	129 *	189 *	177 *	120 *	
8	90 *	122 *	106 *	170 *	126 *	157 *	123 *	138 *	325 *	163 *	119 *	
9	85 *	118 *	104 *	155 *	133 *	163 *	128 *	155 *	190 *	150 *	128 *	
10	82 *	107 *	101 *	147 *	148 *		158 *	153 *	173 *	143 *	127 *	
11	87 *	103 *	97 *	139 *	163 *	268 *	215 *	143 *	163 *	138 *	120 *	
12	97 *	116 *	93 *	135 *	160 *	190 *	300 *	138 *	165 *	135 *	117 *	
13	104 *	98 *	90 *	128 *	190 *	173 *	270 *	128 *	161 *	132 *	112 *	
14	107 *	98 *	88 *	120 *	173 *	157 *	190 *	167 *	183 *	128 *	112 *	
15	114 *	95 *	84 *	117 *	167 *	159 *	160 *	190 *	173 *	120 *	115 *	
16	108 *	93 *	82 *	110 *	158 *	159 *	153 *	171 *	158 *	118 *	123 *	
17	106 *	99 *	118 *	147 *	190 *	143 *	151 *	161 *	149 *	137 *	133 *	
18	102 *	103 *	124 *	153 *	173 *	139 *	164 *	153 *	133 *	141 *	127 *	
19	98 *	105 *	123 *	140 *	157 *	132 *	148 *	143 *	133 *	139 *	122 *	
20	93 *	115 *	117 *	133 *	138 *	122 *	137 *	138 *	148 *	135 *	119 *	
21	87 *	123 *	110 *	147 *	147 *	122 *	205 *	136 *	163 *	131 *	114 *	
22	87 *	123 *	106 *	139 *	139 *	215 *	125 *	131 *	160 *	130 *	120 *	
23	75 *	135 *	102 *	149 *	147 *	220 *	119 *	129 *	153 *	123 *	125 *	
24	70 *	137 *	99 *	143 *	157 *	176 *	119 *	138 *	148 *	118 *	119 *	
25	69 *	137 *	95 *	153 *	170 *	163 *	128 *	161 *	141 *	115 *	114 *	
26	65 *	138 *	91 *	154 *	167 *	150 *	129 *	153 *	137 *	111 *	133 *	
27	115 *	137 *	89 *	167 *	149 *	133 *	123 *	148 *	128 *	110 *	124 *	
28	132 *	139 *	89 *	159 *	270 *	144 *	139 *	143 *	120 *	97 *	121 *	
29	151 *		101 *	151 *	223 *	121 *	173 *	138 *	117 *	95 *	117 *	
30	153 *		109 *	133 *	210 *	120 *	290 *	130 *	111 *	95 *	118 *	
31	130 *		114 *				268 *	143 *		90 *		
Nivel Max.	160 *	165 *	128 *	275 *			300 *	250 *	350 *	178 *	142 *	
Día	29	4	1	4			12	1	8	7	3	
Hora	17	6	6	17			7	6	17	7	17	
Nivel Min.	64 *	90 *	82 *	110 *			118 *	128 *	110 *	90 *	110 *	
Día	24	16	16	16			24	7	30	31	1	
Hora	17	6	17	6			7	17	17	17	7	
Nivel Medio	101	121	105	154	159	160	170	153	159	122	121	

NOTA: * DATOS LIMNIMETRICOS

2002

H763 QDA.MULA CORRAL AJ CALAMACA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	33 *	34 *	34 *	38 *	54 *	51 *	71 *	54 *	38 *	30 *	39 *	41 *
2	32 *	33 *	33 *	54 *	67 *	48 *	62 *	54 *	38 *	30 *	44 *	39 *
3	32 *	33 *	42 *	45 *	59 *	46 *	56 *	52 *	41 *	30 *	65 *	39 *
4	32 *	33 *	41 *	43 *	50 *	45 *	56 *	50 *	48 *	30 *	52 *	38 *
5	30 *	33 *	38 *	41 *	50 *	44 *	54 *	49 *	42 *	30 *	67 *	38 *
6	30 *	33 *	36 *	41 *	65 *	44 *	49 *	47 *	42 *	31 *	64 *	38 *
7	30 *	33 *	35 *	41 *	60 *	44 *	54 *	57 *	42 *	29 *	60 *	34 *
8	32 *	32 *	34 *	48 *	54 *	40 *	51 *	57 *	42 *	29 *	55 *	35 *
9	32 *	31 *	33 *	44 *	50 *	40 *	50 *	51 *	42 *	29 *	54 *	39 *
10	32 *	30 *	31 *	43 *	48 *	40 *	50 *	49 *	40 *	30 *	53 *	49 *
11	31 *	30 *	31 *	57 *	54 *	52 *	60 *	49 *	36 *	30 *	52 *	43 *
12	31 *	29 *	35 *	48 *	52 *	57 *	72 *	49 *	36 *	30 *	50 *	38 *
13	31 *	29 *	38 *	47 *	49 *	53 *	66 *	49 *	36 *	30 *	49 *	37 *
14	31 *	29 *	36 *	44 *	48 *	47 *	64 *	48 *	36 *	30 *	45 *	37 *
15	31 *	29 *	34 *	44 *	48 *	42 *	62 *	76 *	36 *	28 *	48 *	37 *
16	31 *	29 *	33 *	44 *	48 *	41 *	62 *	102 *	36 *	37 *	51 *	38 *
17	30 *	30 *	33 *	43 *	47 *	41 *	60 *	63 *	39 *	36 *	49 *	52 *
18	29 *	31 *	33 *	42 *	46 *	41 *	53 *	54 *	39 *	36 *	46 *	44 *
19	28 *	30 *	41 *	41 *	50 *	56 *	50 *	53 *	39 *	36 *	46 *	41 *
20	28 *	30 *	45 *	43 *	51 *	43 *	50 *	48 *	38 *	30 *	46 *	40 *
21	28 *	30 *	41 *	48 *	47 *	52 *	50 *	49 *	38 *	41 *	45 *	39 *
22	28 *	30 *	39 *	45 *	46 *	51 *	50 *	52 *	36 *	38 *	46 *	38 *
23	28 *	35 *	38 *	43 *	45 *	49 *	50 *	50 *	36 *	38 *	43 *	37 *
24	28 *	34 *	54 *	44 *	44 *	49 *	51 *	47 *	36 *	38 *	42 *	36 *
25	28 *	32 *	43 *	60 *	40 *	59 *	54 *	45 *	36 *	38 *	41 *	36 *
26	29 *	30 *	42 *	45 *	84 *	58 *	49 *	44 *	36 *	41 *	40 *	36 *
27	30 *	30 *	39 *	67 *	58 *	56 *	47 *	44 *	36 *	46 *	39 *	36 *
28	30 *	43 *	38 *	75 *	65 *	53 *	45 *	44 *	36 *	48 *	48 *	35 *
29	30 *		38 *	70 *	46 *	50 *	61 *	43 *	30 *	49 *	43 *	35 *
30	32 *		38 *	68 *	47 *	47 *	84 *	41 *	30 *	38 *	42 *	33 *
31	33 *		39 *		46 *		92 *	40 *		38 *		32 *
Nivel Max.	33 *	46 *	60 *	89 *	86 *	64 *	94 *	144 *	54 *	50 *	68 *	62 *
Día	vv	28	24	27	26	11	30	16	4	29	5	10
Hora		7	17	18	7	17	17	7	7	17	7	17
Nivel Min.	28 *	29 *	31 *	38 *	40 *	40 *	44 *	39 *	30 *	28 *	38 *	32 *
Día	vv	vv	vv	1	25	vv	28	31	vv	7	1	31
Hora				17	17		17	17		17	7	7
Nivel Medio	30	32	37	48	52	48	58	52	38	35	49	38

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H764 CALAMACA DJ Q.HUARCUSACHA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	71 *	78 *	70 *	70 *	88 *	81 *	109 *	92	75	68 *	82 *	78 *
2	70 *	76 *	70 *	97 *	102 *	82 *	96 *	89	73	68 *	89 *	76 *
3	70 *	75 *	76 *	82 *	83 *	80 *	86 *	89	81	68 *	89 *	75 *
4	70 *	76 *	75 *	79 *	80 *	79 *	86 *	86	94	68 *	95 *	74 *
5	68 *	74 *	74 *	77 *	80 *	78 *	86 *	84	80	70 *	100 *	74 *
6	66 *	71 *	72 *	77 *	97 *	77 *	88 *	81	79	70 *	96 *	74 *
7	66 *	69 *	71 *	77 *	93 *	76 *	88 *	89	80	69 *	96 *	73 *
8	70 *	65 *	70 *	88 *	84 *	76 *	82 *	98	76	68 *	89 *	73 *
9	68 *	67 *	68 *	77 *	84 *	76 *	86 *	96	77	68 *	87 *	73 *
10	66 *	66 *	66 *	76 *	82 *	76 *	89 *	94	76	69 *	91 *	72 *
11	66 *	66 *	66 *	87 *	86 *	92 *	110 *	90	75	69 *	90 *	76 *
12	65 *	66 *	66 *	77 *	81 *	93 *	110 *	87	75	69 *	86 *	73 *
13	64 *	66 *	66 *	72 *	87 *	81 *	104 *	87	74	69 *	85 *	73 *
14	63 *	66 *	77 *	71 *	80 *	78 *	100 *	86	73	66 *	82 *	71 *
15	63 *	66 *	75 *	72 *	80 *	76 *	99 *	98	74	66 *	85 *	72 *
16	63 *	66 *	72 *	72 *	80 *	76 *	98 *	101	72	81 *	88 *	78 *
17	62 *	66 *	67 *	72 *	80 *	77 *	96 *	132	71	80 *	89 *	81 *
18	61 *	69 *	66 *	71 *	80 *	77 *	88 *	96	70	79 *	85 *	78 *
19	60 *	66 *	66 *	71 *	90 *	96 *	87 *	90	69	78 *	82 *	75 *
20	60 *	66 *	77 *	77 *	83 *	91 *	86 *	88	69	68 *	83 *	74 *
21	60 *	66 *	74 *	89 *	78 *	107 *	84 *	84	69	87 *	83 *	72 *
22	60 *	66 *	73 *	79 *	78 *	88 *	82 *	88	70	81 *	92 *	72 *
23	60 *	79 *	72 *	91 *	77 *	86 *	82 *	84	70	78 *	84 *	71 *
24	60 *	74 *	81 *	80 *	76 *	86 *	85 *	83	71	78 *	79 *	70 *
25	60 *	71 *	75 *	98 *	74 *	95 *	87 *	82	70	80 *	77 *	70 *
26	71 *	66 *	74 *	80 *	93 *	93 *	83 *	81	70	82 *	77 *	72 *
27	70 *	66 *	71 *	90 *	92 *	89 *	80	80	70 *	86 *	76 *	72 *
28	69 *	80 *	70 *	100 *	100 *	87 *	79	77	73 *	88 *	86 *	71 *
29	69 *		77 *	100 *	84 *	85 *	94	78	68 *	103 *	81 *	70 *
30	76 *		75 *	98 *	78 *	83 *	119	78	68 *	80 *	78 *	69 *
31	76 *		72 *		78 *		98	77		80 *		68 *
Nivel Max.	76 *	84 *	84 *	110 *	114 *	114 *	140 *	142	97	106 *	100 *	86 *
Día	vv	28	24	28	6	21	30	17	4	29	5	17
Hora		7	17	17	17	7	17	12	9	17	7	17
Nivel Min.	60 *	61 *	66 *	70 *	74 *	76 *	77 *	75	68 *	66 *	76 *	68 *
Día	vv	8	vv	1	25	vv	8	31	vv	vv	27	31
Hora		17		7	7		7	16			17	17
Nivel Medio	66	69	72	81	84	84	92	89	74	75	86	73

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H787 ALAO EN HDA.ALAO												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	95 *	115 *	86 *	73 *	140 *	98 *	233 *		68 *		94 *	92 *
2	93 *	112 *	97 *	147 *	162 *	85 *	111 *		65 *			87 *
3	71 *	114 *	112 *	88 *	97 *	205 *	93 *		61 *		102 *	86 *
4	69 *	98 *	107 *	139 *	120 *	114 *	99 *	92 *	67 *		89 *	82 *
5	67 *	86 *	93 *	87 *	118 *	97 *	108 *	87 *	85 *		92 *	75 *
6	65 *	95 *	83 *	70 *	219 *	95 *	154 *	81 *	90 *		114 *	74 *
7	65 *	84 *	79 *	65 *	162 *	88 *	113 *	134 *	98 *		99 *	75 *
8	64 *	74 *	77 *	110 *	114 *	87 *	104 *	97 *	88 *		83 *	67 *
9	65 *	70 *	63 *	71 *	104 *	91 *	89 *	91 *	85 *		85 *	69 *
10	67 *	64 *	65 *	64 *	108 *	82 *	72 *	97 *	78 *		90 *	67 *
11	76 *	66 *	74 *	62 *	99 *	111 *	136 *	89 *	98 *		86 *	66 *
12	75 *	65 *	73 *	60 *		231 *	178 *	96 *	89 *		86 *	64 *
13	74 *	64 *	87 *	60 *		94 *	115 *	95 *	84 *		95 *	62 *
14	70 *	63 *	97 *	61 *	103 *	98 *	117 *	93 *	75 *		86 *	60 *
15	68 *	61 *	91 *	62 *	103 *	141 *	102 *	182 *	82 *		88 *	61 *
16	65 *	58 *	72 *	64 *	86 *	96 *	112 *	180 *	82 *		102 *	116 *
17	65 *	125 *	71 *	67 *	77 *	95 *	113 *	129 *	77 *		97 *	75 *
18	62 *	111 *	73 *	66 *	72 *	104 *	122 *	98 *	75 *		88 *	75 *
19	61 *	109 *	71 *	107 *	74 *	132 *	106 *	99 *	75 *		87 *	71 *
20	64 *	105 *	65 *	101 *	65 *	218 *	96 *	97 *	75 *		86 *	68 *
21	69 *	103 *	62 *	141 *	89 *	123 *	68 *	137 *	128 *		96 *	66 *
22	72 *	107 *	63 *	164 *	97 *	105 *	67 *	100 *	93 *		152 *	64 *
23	74 *	111 *	62 *	108 *	92 *	84 *	68 *	100 *	73 *		112 *	
24	74 *	114 *	60 *	92 *	90 *	102 *	135 *	97 *	67 *		99 *	
25	76 *	107 *	67 *	119 *	90 *	134 *	282 *	93 *	64 *		91 *	
26	107 *	100 *	70 *	94 *	117 *	136 *	165 *	97 *	64 *		74 *	100 *
27	122 *	93 *	71 *	68 *	153 *	123 *	108 *	105 *	65 *		155 *	87 *
28	121 *	86 *	84 *	107 *	168 *	104 *	102 *	94 *	66 *			81 *
29	94 *		84 *	61 *	143 *	95 *	97 *	87 *	68 *		119 *	74 *
30	110 *		80 *	61 *	94 *	90 *		84 *			94 *	72 *
31	110 *		69 *		120 *			75 *				64 *
Nivel Max.	124 *	135 *	114 *	175 *		254 *						
Día	27	17	3	22		20						
Hora	18	9	9	9		9						
Nivel Min.	60 *	58 *	60 *	58 *		80 *						
Día	19	16	24	29		10						
Hora	18	18	18	18		18						
Nivel Medio	78	91	77	88	113	115	119	104	79		98	75

NOTA: * DATOS LIMNIMETRICOS

2002

H790 CEBADAS AJ GUAMOTE												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	102 *	103 *	111 *	100 *	153 *	125 *	185 *	185 *	133 *	108 *	129 *	128 *
2	99 *	103 *	112 *	105 *	167 *	124 *	170 *	196 *	137 *	105 *	127 *	133 *
3	95 *	101 *	118 *	109 *	157 *	260 *	162 *	189 *	136 *	103 *	128 *	129 *
4	93 *	103 *	120 *	112 *	147 *	147 *	149 *	184 *	139 *	103 *	124 *	126 *
5	92 *	101 *	125 *	111 *	143 *	143 *	152 *	172 *	132 *	107 *	142 *	126 *
6	92 *	99 *	127 *	114 *	178 *	139 *	163 *	166 *	132 *	106 *	152 *	125 *
7	91 *	97 *	126 *	115 *	176 *	133 *	157 *	181 *	132 *	105 *	145 *	119 *
8	89 *	95 *	123 *	126 *	188 *	130 *	153 *	193 *	133 *	103 *	140 *	116 *
9	86 *	91 *	116 *	134 *	161 *	131 *	148 *	178 *	134 *	101 *	139 *	118 *
10	83 *	89 *	109 *	129 *	172 *	125 *	137 *	163 *	131 *	115 *	140 *	118 *
11	85 *	88 *	105 *	125 *	172 *	131 *	145 *	160 *	139 *	111 *	132 *	116 *
12	82 *	91 *	106 *	118 *	170 *	135 *	210 *	155 *	135 *	106 *	129 *	111 *
13	81 *	91 *	115 *	109 *	164 *	134 *	170 *	157 *	129 *	103 *	135 *	109 *
14	84 *	89 *	105 *	103 *	160 *	131 *	159 *	151 *	125 *	103 *	135 *	109 *
15	85 *	87 *	101 *	97 *	165 *	129 *	154 *	174 *	120 *	103 *	133 *	107 *
16	83 *	87 *	97 *	96 *	154 *	168 *	167 *	183 *	118 *	111 *	129 *	105 *
17	81 *	105 *	95 *	95 *	148 *	150 *	166 *	169 *	115 *	114 *	131 *	106 *
18	83 *	108 *	92 *	96 *	140 *	145 *	156 *	149 *	116 *	122 *	131 *	109 *
19	82 *	110 *	95 *	92 *	139 *	149 *	156 *	150 *	114 *	113 *	129 *	111 *
20	83 *	110 *	96 *	94 *	134 *	233 *	146 *	153 *	112 *	111 *	127 *	109 *
21	81 *	108 *	96 *	127 *	127 *	194 *	144 *	155 *	123 *	131 *	125 *	109 *
22	85 *	105 *	92 *	149 *	131 *	177 *	145 *	152 *	121 *	123 *	200 *	106 *
23	85 *	110 *	101 *	141 *	130 *	163 *	137 *	151 *	115 *	129 *	152 *	107 *
24	83 *	113 *	100 *	117 *	128 *	158 *	133 *	149 *	109 *	128 *	137 *	104 *
25	81 *	116 *	97 *	129 *	130 *	171 *	144 *	150 *	106 *	136 *	138 *	106 *
26	79 *	110 *	94 *	126 *	134 *	179 *	149 *	150 *	109 *	138 *	137 *	105 *
27	80 *	109 *	91 *	125 *	130 *	168 *	141 *	149 *	105 *	136 *	137 *	109 *
28	78 *	112 *	100 *	174 *	136 *	158 *	137 *	143 *	103 *	135 *	152 *	115 *
29	80 *		102 *	165 *	135 *	155 *	184 *	136 *	111 *	134 *	144 *	111 *
30	86 *		105 *	114 *	132 *	144 *	315 *	134 *	107 *	127 *	139 *	106 *
31	101 *		103 *		128 *		216 *	136 *		126 *		102 *
Nivel Max.	104 *	116 *	128 *	175 *	190 *	270 *	320 *	210 *	140 *	138 *	210 *	134 *
Día	1	25	6	28	8	3	30	7	4	26	22	2
Hora	17	17	17	7	7	7	7	17	7	7	7	7
Nivel Min.	77 *	85 *	90 *	91 *	126 *	122 *	130 *	133 *	102 *	100 *	123 *	101 *
Día	28	16	27	19	21	10	24	30	28	9	4	31
Hora	7	7	17	17	17	17	17	17	17	17	17	17
Nivel Medio	86	101	105	118	149	154	163	161	122	116	138	113

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

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

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H792 CUTUCHI AJ YANAYACU													
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.	
1	56 *	23 *	56 *			73 *	48 *	45 *	49 *	29 *	81 *	54 *	
2	56 *	26 *	51 *			78 *	47 *	46 *	48 *	25 *	80 *	50 *	
3	58 *	26 *	48 *			76 *	38 *	40 *	37 *	25 *	97 *	48 *	
4	56 *	26 *	50 *			79 *	35 *	44 *	32 *	25 *	78 *	44 *	
5	56 *	24 *	48 *			70 *	31 *	43 *	33 *	25 *	92 *	43 *	
6	53 *	30 *	44 *			74 *	33 *	33 *	29 *	25 *	107 *	45 *	
7	56 *	30 *	43 *			71 *	37 *	30 *	29 *	26 *	95 *	48 *	
8	56 *	30 *	92 *			69 *	36 *	35 *	28 *	25 *	93 *	81 *	
9	52 *	28 *	81 *			62 *	33 *	40 *	28 *	25 *	97 *	52 *	
10	49 *	28 *	62 *			61 *	28 *	34 *	29 *	25 *	95 *	61 *	
11	46 *	26 *	48 *			78 *	34 *	36 *	27 *	24 *	90 *	59 *	
12	42 *	25 *	45 *			80 *	37 *	34 *	30 *	32 *	87 *	54 *	
13	42 *	25 *	44 *			68 *	42 *	33 *	30 *	57 *	86 *	55 *	
14	48 *	25 *	46 *			60 *	38 *	33 *	29 *	29 *	78 *	56 *	
15	45 *	25 *	49 *			61 *	37 *	32 *	29 *	29 *	77 *	71 *	
16	46 *	32 *	53 *			59 *	34 *	38 *	25 *	48 *	79 *	71 *	
17	42 *	30 *	51 *			60 *	32 *	47 *	29 *	44 *	88 *	71 *	
18	41 *	34 *	50 *			58 *	31 *	35 *	27 *	38 *	83 *	106 *	
19	48 *	29 *	50 *			57 *	28 *	32 *	27 *	54 *	72 *	80 *	
20	38 *	30 *	58 *			61 *	28 *	29 *	29 *	52 *	73 *	66 *	
21	32 *	28 *	59 *			60 *	27 *	30 *	27 *	55 *	71 *	96 *	
22	31 *	25 *	54 *			58 *	27 *	31 *	28 *	65 *	72 *	80 *	
23	33 *	28 *	78 *			40 *	25 *	30 *	30 *	64 *	69 *	74 *	
24	33 *	30 *	116 *			37 *	24 *	32 *	28 *	67 *	61 *	70 *	
25	31 *	29 *	58 *			41 *	37 *	31 *	28 *	91 *	56 *	52 *	
26	31 *	27 *	54 *			43 *	53 *	30 *	27 *	75 *	51 *	57 *	
27	29 *	26 *	51 *			38 *	33 *	30 *	28 *	80 *	52 *	56 *	
28	46 *	48 *	51 *			36 *	31 *	25 *	27 *	80 *	54 *	56 *	
29	28 *		81 *			36 *	43 *	31 *	29 *	88 *	55 *	53 *	
30	24 *		71 *			33 *	37 *	54 *	25 *	98 *	55 *	52 *	
31	23 *		59 *				40 *	49 *				52 *	
Nivel Max.	60 *	50 *	120 *			82 *	54 *	58 *	52 *		111 *	114 *	
Día	3	28	24			4	26	30	1		6	18	
Hora	7	7	17			7	7	7	7		7	7	
Nivel Min.	22 *	22 *	40 *			30 *	24 *	24 *	24 *		48 *	42 *	
Día	31	5	7			30	23	28	16		26	5	
Hora	17	17	17			17	17	17	17		17	17	
Nivel Medio	43	28	58			59	35	36	30	48	77	62	

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

H887	YACUAMBI AJ ZAMORA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	147 *	117 *	96 *	113 *	192 *	125 *	260 *	132 *	147 *	87 *	98 *	128 *
2	137 *	89 *	92 *	237 *	238 *	121 *	343 *	122 *	130 *	85 *	97 *	155 *
3	97 *	89 *	86 *	345 *	277 *	103 *	234 *	252 *	110 *	90 *	86 *	95 *
4	93 *	84 *	97 *	122 *	184 *	98 *	172 *	242 *	93 *	96 *	84 *	93 *
5	88 *	78 *	95 *	107 *	310 *	87 *	198 *	198 *	223 *	87 *	89 *	93 *
6	82 *	76 *	89 *	102 *	292 *	97 *	198 *	132 *	206 *	81 *	92 *	98 *
7	76 *	68 *	85 *	102 *	262 *	103 *	205 *	108 *	190 *	75 *	99 *	83 *
8	74 *	65 *	79 *	115 *	159 *	117 *	188 *	181 *	125 *	73 *	115 *	95 *
9	72 *	92 *	75 *	97 *	169 *	128 *	188 *	172 *	108 *	112 *	130 *	103 *
10	69 *	100 *	74 *	87 *	245 *	130 *	268 *	144 *	130 *	133 *	200 *	108 *
11	63 *	99 *	87 *	82 *	340 *	124 *	231 *	108 *	91 *	102 *	225 *	77 *
12	56 *	96 *	82 *	74 *	322 *	115 *	232 *	102 *	81 *	93 *	196 *	77 *
13	52 *	94 *	87 *	67 *	302 *	105 *	226 *	120 *	87 *	88 *	191 *	85 *
14	57 *	103 *	92 *	100 *	225 *	124 *	217 *	170 *	87 *	76 *	186 *	96 *
15	53 *	110 *	97 *	102 *	179 *	136 *	212 *	199 *	95 *	79 *	176 *	95 *
16	56 *	120 *	103 *	87 *	152 *	243 *	207 *	225 *	87 *	80 *	171 *	103 *
17	65 *	113 *	99 *	97 *	163 *	108 *	195 *	126 *	77 *	103 *	164 *	88 *
18	63 *	108 *	95 *	97 *	137 *	110 *	186 *	99 *	88 *	110 *	157 *	90 *
19	49 *	103 *	80 *	95 *	149 *	134 *	146 *	97 *	97 *	145 *	118 *	97 *
20	45 *	99 *	75 *	131 *	128 *	387 *	153 *	141 *	93 *	102 *	107 *	83 *
21	48 *	96 *	70 *	257 *	128 *	447 *	167 *	118 *	87 *	113 *	107 *	278 *
22	51 *	88 *	67 *	292 *	170 *	442 *	180 *	140 *	82 *	125 *	103 *	153 *
23	84 *	85 *	59 *	142 *	160 *	409 *	162 *	185 *	75 *	200 *	108 *	117 *
24	65 *	100 *	62 *	99 *	157 *	374 *	135 *	128 *	70 *	122 *	93 *	133 *
25	74 *	110 *	64 *	90 *	146 *	330 *	205 *	129 *	69 *	95 *	89 *	145 *
26	80 *	120 *	56 *	87 *	140 *	265 *	134 *	149 *	65 *	145 *	108 *	130 *
27	89 *	113 *	108 *	100 *	132 *	217 *	248 *	109 *	77 *	115 *	120 *	137 *
28	90 *	100 *	131 *	119 *	116 *	134 *	294 *	154 *	75 *	97 *	130 *	127 *
29	99 *		145 *	99 *	107 *	117 *	347 *	98 *	74 *	97 *	130 *	107 *
30	86 *		83 *	94 *	83 *	107 *	231 *	96 *	73 *	94 *	127 *	103 *
31			143 *		99 *		223 *	92 *		95 *		98 *
Nivel Max.		125 *	146 *	369 *	344 *	448 *	399 *	275 *	235 *	220 *	245 *	305 *
Día		1	31	3	11	21	29	3	5	23	10	21
Hora		7	7	7	7	17	17	17	7	17	7	7
Nivel Min.		65 *	54 *	65 *	80 *	86 *	128 *	90 *	65 *	72 *	78 *	70 *
Día		8	26	13	30	5	26	31	26	8	4	12
Hora		7	17	17	17	17	17	17	17	17	7	7
Nivel Medio		75	97	89	124	189	184	212	144	103	130	112

NOTA: * DATOS LIMNIMETRICOS

2002

H894	PAUTE EN PAUTE(DJ GUALACEO)											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	210 *	146 *	154 *	156 *	290 *	164 *	300 *	210 *	132 *	121 *	225 *	157 *
2	205 *	150 *	140 *	154 *	220 *	245 *	258 *	196 *	160 *	120 *	245 *	150 *
3	195 *	148 *	142 *	180 *	221 *	210 *	207 *	178 *	152 *	124 *	240 *	168 *
4	185 *	142 *	140 *	204 *	226 *	200 *	192 *	170 *	150 *	128 *	210 *	147 *
5	168 *	138 *	156 *	194 *	194 *	178 *	208 *	162 *	152 *	129 *	240 *	128 *
6	154 *	135 *	182 *	186 *	182 *	195 *	196 *	164 *	156 *	135 *	244 *	137 *
7	148 *	144 *	190 *	180 *	215 *	168 *	184 *	150 *	164 *	129 *	235 *	140 *
8	152 *	143 *	178 *	195 *	230 *	160 *	170 *	178 *	158 *	130 *	230 *	174 *
9	144 *	130 *	170 *	208 *	284 *	154 *	159 *	246 *	150 *	122 *	210 *	190 *
10	140 *	127 *	159 *	180 *	248 *	172 *	152 *	218 *	158 *	130 *	195 *	208 *
11	138 *	125 *	150 *	185 *	216 *	166 *	224 *	196 *	150 *	136 *	178 *	178 *
12	140 *	124 *	142 *	180 *	273 *	140 *	315 *	172 *	138 *	125 *	170 *	171 *
13	158 *	122 *	140 *	170 *	242 *	132 *	213 *	170 *	130 *	124 *	182 *	168 *
14	145 *	121 *	134 *	162 *	215 *	128 *	192 *	212 *	125 *	130 *	180 *	149 *
15	137 *	112 *	132 *	154 *	206 *	120 *	224 *	194 *	122 *	128 *	184 *	144 *
16	133 *	110 *	139 *	150 *	210 *	113 *	182 *	198 *	112 *	124 *	185 *	167 *
17	128 *	112 *	137 *	143 *	198 *	180 *	170 *	240 *	127 *	126 *	178 *	180 *
18	131 *	120 *	132 *	145 *	180 *	174 *	205 *	200 *	130 *	136 *	166 *	218 *
19	129 *	142 *	120 *	142 *	173 *	190 *	184 *	184 *	130 *	160 *	170 *	204 *
20	127 *	150 *	139 *	150 *	160 *	215 *	172 *	170 *	128 *	168 *	156 *	186 *
21	125 *	144 *	142 *	141 *	175 *	208 *	164 *	183 *	127 *	146 *	167 *	175 *
22	124 *	132 *	149 *	140 *	190 *	185 *	156 *	176 *	128 *	172 *	168 *	168 *
23	126 *	128 *	145 *	156 *	235 *	170 *	148 *	168 *	130 *	168 *	165 *	166 *
24	125 *	136 *	156 *	164 *	192 *	176 *	154 *	180 *	128 *	195 *	160 *	160 *
25	130 *	142 *	146 *	210 *	180 *	172 *	150 *	177 *	122 *	182 *	152 *	156 *
26	128 *	146 *	140 *	298 *	195 *	160 *	142 *	172 *	120 *	196 *	138 *	150 *
27	135 *	140 *	142 *	300 *	210 *	152 *	174 *	145 *	120 *	210 *	127 *	149 *
28	132 *	148 *	140 *	203 *	215 *	148 *	178 *	140 *	122 *	265 *	173 *	150 *
29	150 *		176 *	315 *	196 *	150 *	224 *	136 *	120 *	228 *	167 *	146 *
30	176 *		192 *	325 *	187 *	152 *	228 *	146 *	118 *	218 *	162 *	138 *
31	198 *		174 *		170 *			135 *		210 *		142 *
Nivel Max.	210 *	150 *	192 *	325 *	290 *	245 *		246 *	164 *	265 *	245 *	218 *
Día	1	vv	30	30	1	2		9	7	28	2	18
Hora	17		18	17	17	17		17	17	17	17	17
Nivel Min.	124 *	110 *	120 *	140 *	160 *	113 *		135 *	112 *	120 *	127 *	128 *
Día	22	16	19	22	20	16		31	1	2	27	5
Hora	17	17	18	17	17	18		17	17	17	16	16
Nivel Medio	149	134	151	189	211	169	194	180	135	155	187	163

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

TOMBAMBA EN MONAY													
H895	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	81 *	8 *	21 *	51 *	54 *			95 *	26 *	12 *	66 *	40 *
	2	88 *	9 *	19 *	104 *	49 *			55 *	24 *	8 *	92 *	34 *
	3	58 *	9 *	11 *	97 *	59 *			30 *	22 *	5 *	71 *	28 *
	4	48 *	9 *	24 *	105 *	69 *			31 *	24 *	6 *	86 *	24 *
	5	35 *	18 *	80 *	66 *	62 *			31 *	20 *	9 *	97 *	28 *
	6	28 *	30 *	57 *	91 *	56 *			28 *	18 *	6 *	73 *	72 *
	7	31 *	21 *	104 *	72 *	53 *			24 *	18 *	4 *	64 *	74 *
	8	26 *	17 *	64 *	87 *	58 *			70 *	20 *	2 *	78 *	67 *
	9	21 *	15 *	43 *	107 *	57 *			57 *	18 *	4 *	89 *	63 *
	10	19 *	11 *	31 *	101 *	70 *			44 *	15 *	3 *	62 *	56 *
	11	16 *	8 *	22 *	81 *	75 *			40 *	11 *	3 *	59 *	49 *
	12	21 *	9 *	16 *	64 *	69 *			37 *	8 *	2 *	65 *	41 *
	13	15 *	10 *	21 *	51 *	70 *			34 *	7 *	7 *	47 *	37 *
	14	14 *	8 *	32 *	41 *	64 *			37 *	8 *	8 *	58 *	34 *
	15	10 *	6 *	26 *	36 *	59 *			37 *	7 *	14 *	53 *	40 *
	16	14 *	9 *	21 *	37 *	54 *			52 *	6 *	18 *	50 *	58 *
	17	16 *	13 *	28 *	41 *	50 *			50 *	7 *	29 *	46 *	62 *
	18	13 *	10 *	21 *	35 *	43 *			42 *	8 *	51 *	49 *	83 *
	19	11 *	11 *	18 *	31 *	60 *			39 *	5 *	39 *	52 *	79 *
	20	13 *	9 *	22 *	32 *	88 *			35 *	4 *	27 *	41 *	54 *
	21	16 *	11 *	85 *	30 *	112 *			32 *	7 *	33 *	34 *	66 *
	22	13 *	11 *	100 *	37 *	123 *			29 *	5 *	164 *	56 *	63 *
	23	17 *	12 *	81 *	56 *	95 *			28 *	3 *	93 *	44 *	52 *
	24	14 *	9 *	59 *	79 *	76 *			34 *	4 *	71 *	38 *	40 *
	25	12 *	17 *	50 *	108 *	111 *			33 *	7 *	118 *	34 *	38 *
	26	10 *	13 *	44 *	82 *	106 *			30 *	8 *	107 *	29 *	36 *
	27	9 *	33 *	44 *	67 *	97 *			29 *	7 *	95 *	29 *	39 *
	28	10 *	32 *	58 *	73 *	78 *			26 *	5 *	74 *	28 *	47 *
	29	10 *		72 *	68 *	65 *			24 *	6 *	68 *	32 *	68 *
	30	9 *		59 *	60 *	59 *			31 *	3 *	62 *	34 *	54 *
	31	8 *		47 *		71 *			21 *		58 *		44 *
	Nivel Max.	100 *	42 *	110 *	160 *	128 *			98 *	26 *	195 *	109 *	109 *
	Día	2	27	7	2	22			1	1	22	5	6
	Hora	7	18	7	18	8			8	7	18	7	18
	Nivel Min.	7 *	5 *	10 *	29 *	41 *			19 *	2 *	1 *	26 *	23 *
	Día	31	15	3	21	18			31	23	12	28	4
	Hora	7	7	17	18	7			8	17	7	17	17
	Nivel Medio	23	13	44	66	71			38	11	38	55	50

NOTA: * DATOS LIMNIMETRICOS

2002

MATADERO EN SAYAUSI													
H896	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	139 *	58 *	102 *	99 *	105 *	99 *	98 *	96 *	69 *	42 *	105 *	79 *
	2	135 *	59 *	79 *	118 *	121 *	97 *	133 *	91 *	68 *	43 *	115 *	81 *
	3	122 *	60 *	75 *	116 *	123 *	91 *	108 *	86 *	72 *	45 *	99 *	76 *
	4	110 *	60 *	76 *	109 *	118 *	90 *	108 *	83 *	69 *	47 *	107 *	74 *
	5	107 *	68 *	138 *	105 *	108 *	89 *	94 *	80 *	64 *	53 *	119 *	77 *
	6	97 *	70 *	114 *	104 *	98 *	90 *	97 *	79 *	62 *	49 *	105 *	83 *
	7	90 *	73 *	107 *	110 *	101 *	89 *	89 *	78 *	63 *	47 *	104 *	99 *
	8	84 *	66 *	99 *	107 *	99 *	86 *	88 *	94 *	68 *	46 *	108 *	99 *
	9	79 *	68 *	109 *	104 *	98 *	80 *	84 *	122 *	66 *	46 *	118 *	117 *
	10	76 *	62 *	102 *	101 *	98 *	79 *	81 *	124 *	66 *	49 *	107 *	102 *
	11	72 *	56 *	93 *	99 *	116 *	77 *	104 *	119 *	64 *	50 *	101 *	96 *
	12	69 *	53 *	85 *	93 *	109 *	75 *	126 *	115 *	61 *	59 *	99 *	90 *
	13	69 *	52 *	80 *	86 *	107 *	74 *	113 *	111 *	59 *	51 *	102 *	87 *
	14	68 *	50 *	81 *	81 *	105 *	72 *	103 *	109 *	59 *	48 *	104 *	85 *
	15	68 *	54 *	79 *	79 *	103 *	76 *	101 *	103 *	54 *	46 *	98 *	92 *
	16	64 *	54 *	75 *	78 *	101 *	84 *	99 *	99 *	54 *	66 *	95 *	99 *
	17	64 *	57 *	77 *	76 *	97 *	79 *	99 *	97 *	52 *	69 *	94 *	107 *
	18	64 *	61 *	73 *	76 *	89 *	78 *	97 *	93 *	52 *	87 *	89 *	102 *
	19	61 *	61 *	74 *	72 *	93 *	79 *	90 *	90 *	49 *	86 *	96 *	94 *
	20	58 *	59 *	90 *	83 *	96 *	104 *	84 *	89 *	49 *	89 *	93 *	97 *
	21	56 *	59 *	99 *	86 *	99 *	116 *	84 *	92 *	48 *	79 *	89 *	99 *
	22	56 *	61 *	99 *	88 *	130 *	107 *	84 *	93 *	48 *	82 *	87 *	94 *
	23	55 *	69 *	96 *	99 *	118 *	97 *	86 *	93 *	48 *	133 *	83 *	91 *
	24	55 *	68 *	95 *	100 *	115 *	90 *	89 *	88 *	46 *	120 *	80 *	86 *
	25	54 *	69 *	91 *	132 *	111 *	88 *	89 *	84 *	42 *	121 *	79 *	84 *
	26	54 *	69 *	84 *	114 *	125 *	85 *	89 *	83 *	42 *	134 *	78 *	84 *
	27	54 *	68 *	83 *	112 *	108 *	79 *	84 *	80 *	44 *	134 *	77 *	86 *
	28	58 *	69 *	84 *	126 *	109 *	78 *	83 *	77 *	47 *	124 *	77 *	89 *
	29	58 *		89 *	117 *	107 *	78 *	83 *	72 *	45 *	108 *	77 *	89 *
	30	59 *		107 *	105 *	102 *	79 *	110 *	69 *	42 *	104 *	77 *	90 *
	31	59 *		100 *		99 *			69 *		103 *		84 *
	Nivel Max.	139 *	75 *	141 *	141 *	138 *	128 *		129 *	74 *	143 *	129 *	118 *
	Día	1	6	5	25	22	20		9	3	23	5	9
	Hora	18	18	7	7	7	18		18	7	7	7	18
	Nivel Min.	54 *	50 *	71 *	72 *	88 *	72 *		69 *	42 *	42 *	76 *	72 *
	Día	vv	14	18	19	19	14		vv	vv	1	29	5
	Hora		7	7	18	7	7				18	18	7
	Nivel Medio	75	62	91	99	107	86	96	92	56	76	95	91

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H897 SURUCUCHO AJ LLULLUCCHAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	55 *	49 *	51 *	61 *	65 *	67 *	64 *	63 *	52 *	39 *	67 *	41 *
2	57 *	46 *	53 *	64 *	65 *	66 *	65 *	63 *	54 *	41 *	67 *	40 *
3	56 *	45 *	53 *	66 *	66 *	66 *	65 *	62 *	54 *	42 *	62 *	39 *
4	64 *	45 *	55 *	67 *	67 *	64 *	65 *	61 *	52 *	43 *	61 *	38 *
5	61 *	46 *	57 *	67 *	68 *	63 *	66 *	61 *	50 *	45 *	61 *	38 *
6	62 *	47 *	57 *	68 *	68 *	64 *	67 *	59 *	52 *	45 *	59 *	40 *
7	59 *	48 *	59 *	68 *	67 *	63 *	65 *	56 *	51 *	44 *	58 *	42 *
8	56 *	48 *	60 *	68 *	66 *	63 *	64 *	57 *	50 *	43 *	60 *	43 *
9	51 *	47 *	61 *	69 *	65 *	62 *	66 *	58 *	49 *	42 *	60 *	44 *
10	53 *	46 *	62 *	80 *	64 *	61 *	65 *	60 *	47 *	41 *	59 *	45 *
11	54 *	46 *	62 *	70 *	63 *	60 *	66 *	63 *	48 *	42 *	58 *	46 *
12	50 *	45 *	62 *	71 *	63 *	58 *	67 *	64 *	47 *	40 *	59 *	47 *
13	49 *	45 *	62 *	71 *	63 *	55 *	69 *	62 *	47 *	41 *	61 *	49 *
14	48 *	45 *	60 *	72 *	64 *	55 *	69 *	61 *	46 *	41 *	60 *	51 *
15	47 *	44 *	59 *	72 *	64 *	52 *	67 *	62 *	45 *	42 *	60 *	52 *
16	48 *	45 *	58 *	71 *	65 *	53 *	65 *	64 *	44 *	41 *	59 *	56 *
17	51 *	45 *	57 *	70 *	66 *	55 *	64 *	64 *	43 *	42 *	61 *	59 *
18	49 *	45 *	57 *	68 *	66 *	53 *	65 *	63 *	42 *	44 *	60 *	61 *
19	48 *	46 *	59 *	66 *	67 *	55 *	66 *	63 *	41 *	46 *	60 *	63 *
20	49 *	46 *	60 *	65 *	67 *	57 *	66 *	61 *	40 *	48 *	58 *	61 *
21	52 *	46 *	60 *	64 *	68 *	58 *	65 *	63 *	42 *	51 *	57 *	61 *
22	45 *	46 *	61 *	65 *	69 *	61 *	63 *	64 *	41 *	55 *	55 *	62 *
23	45 *	47 *	61 *	65 *	70 *	61 *	60 *	63 *	41 *	60 *	54 *	62 *
24	49 *	47 *	61 *	66 *	72 *	62 *	58 *	63 *	41 *	63 *	52 *	61 *
25	49 *	47 *	62 *	68 *	73 *	62 *	59 *	60 *	40 *	67 *	51 *	61 *
26	53 *	48 *	62 *	68 *	74 *	63 *	61 *	58 *	40 *	70 *	50 *	60 *
27	59 *	49 *	61 *	67 *	75 *	64 *	65 *	56 *	41 *	71 *	48 *	59 *
28	62 *	49 *	60 *	66 *	75 *	64 *	69 *	55 *	42 *	72 *	46 *	58 *
29	62 *		59 *	66 *	75 *	62 *	69 *	55 *	41 *	71 *	42 *	56 *
30	56 *		59 *	65 *		62 *	67 *	52 *	39 *	71 *	42 *	56 *
31	53 *		59 *		71 *		65 *	50 *		69 *		61 *
Nivel Max.	67 *	49 *	62 *	89 *	76 *	68 *	69 *	64 *	54 *	72 *	69 *	66 *
Día	2	vv	vv	10	29	1	vv	vv	vv	28	2	31
Hora	18			6	6	6				6	18	6
Nivel Min.	44 *	44 *	50 *	60 *	63 *	51 *	57 *	50 *	38 *	39 *	42 *	37 *
Día	23	15	1	1	vv	15	24	31	30	1	vv	4
Hora	18	18	6	6		18	18	18	18	6		6
Nivel Medio	53	46	59	68	68	60	65	60	45	50	57	52

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H900 PAUTE AJ DUDAS												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1					124 *	133 *	340 *	173 *	117 *	100 *	136 *	124 *
2					226 *	134 *	335 *	150 *	124 *	98 *	375 *	119 *
3					237 *	128 *	178 *	152 *	192 *	96 *	167 *	114 *
4					150 *	135 *	156 *	150 *	180 *	94 *	176 *	112 *
5					148 *	126 *	160 *	136 *	140 *	132 *	204 *	112 *
6					151 *	124 *	159 *	131 *	125 *	117 *	207 *	115 *
7					200 *	126 *	148 *	124 *	123 *	99 *	165 *	125 *
8					196 *	140 *	144 *	199 *	142 *	94 *	162 *	140 *
9					199 *	129 *	142 *	215 *	140 *	91 *	161 *	138 *
10					234 *	116 *	170 *	182 *	144 *	94 *	160 *	126 *
11					330 *	120 *	187 *	136 *	133 *	104 *	142 *	114 *
12					310 *	117 *	309 *	132 *	113 *	102 *	130 *	110 *
13					264 *	116 *	280 *	144 *	108 *	98 *	126 *	107 *
14					169 *	113 *	260 *	166 *	102 *	94 *	137 *	108 *
15					162 *	199 *	195 *	165 *	101 *	91 *	130 *	110 *
16					178 *	216 *	160 *	190 *	100 *	96 *	165 *	136 *
17					144 *	178 *	165 *	188 *	99 *	104 *	143 *	141 *
18					135 *	143 *	190 *	146 *	98 *	139 *	135 *	185 *
19					128 *	132 *	172 *	140 *	99 *	132 *	132 *	142 *
20					139 *	305 *	150 *	137 *	98 *	118 *	134 *	124 *
21					136 *	430 *	128 *	166 *	97 *	116 *	133 *	155 *
22					170 *	196 *	118 *	159 *	97 *	124 *	268 *	133 *
23					166 *	142 *	109 *	160 *	96 *	148 *	162 *	120 *
24					158 *	136 *	116 *	145 *	96 *	164 *	138 *	118 *
25					136 *	138 *	158 *	137 *	95 *	132 *	127 *	114 *
26					290 *	135 *	190 *	142 *	93 *	194 *	102 *	116 *
27					184 *	127 *	160 *	138 *	92 *	188 *	110 *	124 *
28					160 *	124 *	120 *	140 *	93 *	190 *	146 *	117 *
29					137 *	119 *	154 *	125 *	95 *	138 *	138 *	114 *
30					124 *	118 *	450 *	118 *	97 *	129 *	130 *	112 *
31					119 *		235 *	116 *		122 *		109 *
Nivel Max.					330 *	430 *	450 *	215 *	192 *	194 *	375 *	185 *
Día					11	21	30	9	3	26	2	18
Hora					8	8	8	8	7	8	8	7
Nivel Min.					119 *	113 *	109 *	116 *	92 *	91 *	102 *	107 *
Día					31	14	23	31	27	vv	26	13
Hora					9	7	7	6	7		7	7
Nivel Medio					181	153	192	152	114	121	158	124

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

H912	YACUAMBI EN LA PAZ											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	140 *	187 *	149 *	193 *	256 *	155 *	384 *	181 *	157 *	134 *	148 *	150 *
2	144 *	158 *	131 *	330 *	384 *	151 *	323 *	173 *	194 *	130 *	132 *	160 *
3	150 *	160 *	131 *	186 *	191 *	151 *	209 *	202 *	276 *	128 *	152 *	153 *
4	145 *	172 *	141 *	266 *	177 *	146 *	194 *	199 *	235 *	125 *	139 *	174 *
5	147 *	152 *	179 *	184 *	174 *	142 *	176 *	160 *	202 *	180 *	140 *	203 *
6	123 *	150 *	166 *	165 *	169 *	139 *	290 *	157 *	198 *	171 *	154 *	170 *
7	127 *	137 *	143 *	154 *	251 *	137 *	253 *	175 *	154 *	125 *	145 *	171 *
8	126 *	127 *	135 *	185 *	228 *	139 *	234 *	266 *	148 *	122 *	137 *	160 *
9	128 *	123 *	132 *	152 *	230 *	133 *	209 *	164 *	155 *	150 *	144 *	154 *
10	128 *	123 *	128 *	150 *	246 *	169 *	341 *	155 *	160 *	164 *	233 *	150 *
11	129 *	132 *	124 *	148 *	430 *	163 *	355 *	150 *	150 *	151 *	155 *	143 *
12	125 *	125 *	143 *	142 *	282 *	167 *	371 *	146 *	144 *	144 *	155 *	141 *
13	123 *	122 *	142 *	133 *	158 *	154 *	338 *	156 *	139 *	134 *	158 *	137 *
14	129 *	123 *	127 *	128 *	316 *	148 *	252 *	154 *	134 *	122 *	156 *	138 *
15	124 *	123 *	122 *	127 *	223 *	170 *	213 *	164 *	150 *	125 *	172 *	143 *
16	121 *	138 *	133 *	134 *	Crecida	342 *	196 *	177 *	134 *	162 *	176 *	151 *
17	132 *	157 *	131 *	133 *	229 *	174 *	313 *	177 *	132 *	146 *	193 *	141 *
18	149 *	161 *	128 *	132 *	194 *	150 *	264 *	162 *	134 *	155 *	154 *	144 *
19	129 *	160 *	133 *	184 *	231 *	Crecida	201 *	172 *	140 *	137 *	152 *	188 *
20	125 *	143 *	147 *	187 *	199 *	248 *	188 *	163 *	133 *	147 *	160 *	261 *
21	131 *	139 *	141 *	262 *	195 *	Crecida	181 *	181 *	147 *	145 *	161 *	304 *
22	125 *	135 *	131 *	286 *	228 *	336 *	174 *	191 *	136 *	140 *	166 *	178 *
23	169 *	126 *	124 *	185 *	230 *	194 *	167 *	179 *	130 *	149 *	158 *	171 *
24	137 *	123 *	134 *	160 *	195 *	167 *	215 *	173 *	125 *	148 *	143 *	167 *
25	136 *	151 *	128 *	205 *	173 *	155 *	273 *	164 *	121 *	147 *	144 *	171 *
26	158 *	131 *	138 *	152 *	191 *	149 *	221 *	160 *	123 *	150 *	137 *	151 *
27	164 *	123 *	179 *	177 *	173 *	147 *	177 *	206 *	130 *	162 *	151 *	155 *
28	151 *	137 *	194 *	202 *	158 *	144 *	167 *	177 *	133 *	154 *	161 *	180 *
29	155 *	177 *	179 *	179 *	155 *	141 *	226 *	157 *	139 *	143 *	170 *	152 *
30	155 *	163 *	158 *	158 *	149 *	139 *	267 *	146 *	149 *	137 *	154 *	144 *
31	153 *		175 *		153 *		259 *	143 *		128 *		144 *
Nivel Max.	181 *	189 *	201 *	381 *	Crecida	Crecida	412 *	288 *	298 *	194 *	281 *	379 *
Día	23	1	28	2	16		11	8	3	6	10	21
Hora	7	7	17	17		vv	18	17	7	17	7	7
Nivel Min.	119 *	119 *	121 *	126 *	149	133	164 *	141 *	121 *	121 *	109 *	136 *
Día	16	13	11	15	30	9	28	31	25	14	2	13
Hora	17	17	17	17			18	17	7	17	17	17
Nivel Medio	138	140	143	179	219	178	246	172	153	143	156	166

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

H929	COLLAY AJ PAUTE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	169 *	180 *	185 *	189 *	181 *	182 *	187 *	185 *	180 *	181 *	180 *	172 *
2	168 *	181 *	185 *	187 *	179 *	182 *	185 *	185 *	182 *	179 *	180 *	171 *
3	167 *	179 *	181 *	182 *	184 *	179 *	182 *	184 *	187 *		180 *	169 *
4	166 *	178 *	179 *	180 *	186 *	182 *	180 *	182 *		182 *	179 *	168 *
5	164 *	179 *		178 *	189 *	177 *	178 *	183 *	189 *	179 *		167 *
6	163 *	178 *	177 *	177 *	180 *	187 *	179 *	177 *	185 *	185 *	180 *	166 *
7	162 *	177 *	175 *	175 *	178 *	182 *	180 *	176 *	183 *	186 *	188 *	165 *
8		175 *	172 *	171 *	176 *	179 *	177 *	177 *	181 *	189 *	187 *	163 *
9	180 *		172 *	169 *	175 *	177 *	174 *	176 *	179 *	188 *	173 *	162 *
10	179 *	176 *	170 *	168 *	173 *	174 *	177 *	175 *	177 *	179 *	164 *	161 *
11	177 *	178 *		173 *	181 *	180 *	173 *	174 *	184 *	177 *	177 *	159 *
12	175 *	179 *	169 *	188 *	180 *	187 *		174 *	190 *	176 *	175 *	
13	174 *	178 *	168 *	186 *	177 *	180 *	186 *	183 *		177 *	174 *	182 *
14	173 *	177 *	166 *	183 *		178 *	180 *	191 *	188 *			184 *
15	172 *		164 *		180 *	180 *	177 *			180 *	180 *	181 *
16		175 *		179 *	181 *	180 *		189 *	187 *	182 *		
17	171 *	175 *	163 *	181 *	184 *	179 *	185 *	186 *	189 *	178 *	177 *	180 *
18	169 *	176 *	161 *	181 *	178 *	176 *	180 *	187 *	190 *	176 *	175 *	179 *
19	168 *	178 *	159 *	174 *	176 *	187 *	178 *	184 *	188 *	178 *	174 *	178 *
20	167 *	180 *		168 *	175 *	189 *	181 *	186 *	186 *			176 *
21	166 *	178 *	157 *	166 *	173 *	181 *	179 *	185 *	187 *	181 *	172 *	175 *
22	165 *	176 *	155 *	165 *	169 *		180 *	182 *	189 *	182 *	178 *	
23	163 *	175 *	154 *	164 *	181 *	180 *	182 *		188 *		177 *	178 *
24	162 *	174 *	153 *	162 *	177 *	177 *	181 *	180 *	188 *	179 *	180 *	180 *
25	161 *	172 *	151 *	160 *	175 *	174 *	180 *	179 *	190 *	178 *	178 *	179 *
26	161 *		169 *	158 *	173 *	170 *		178 *	188 *	180 *	177 *	178 *
27	158 *	170 *	168 *	157 *	171 *	169 *		176 *	186 *	183 *	176 *	176 *
28	157 *			156 *	169 *	170 *		174 *		188 *	175 *	174 *
29	156 *		164 *	154 *	168 *	168 *		174 *		187 *	173 *	
30	155 *			152 *	166 *	170 *		172 *		189 *		172 *
31										188 *		
Nivel Max.												
Día												
Hora												
Nivel Min.												
Día												
Hora												
Nivel Medio	167	177	167	172	177	178	180	180	186	181	177	173

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

HA2H	CLEMENTINA EN CLEMENTINA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	107 *	174 *	345 *	383 *	299 *	211 *	140 *	118 *	106 *	100 *	100 *	96 *
2	121 *	214 *	325 *	490 *	297 *	209 *	140 *	118 *	106 *	100 *	100 *	96 *
3	114 *	212 *	331 *	405 *	302 *	208 *	140 *	118 *	106 *	100 *	102 *	96 *
4	112 *	368 *	525 *	380 *	327 *	203 *	140 *	116 *	106 *	100 *	101 *	96 *
5	110 *	425 *	485 *	379 *	304 *	201 *	140 *	116 *	106 *	100 *	100 *	96 *
6	119 *	440 *	520 *	370 *	290 *	199 *	140 *	116 *	106 *	100 *	102 *	100 *
7	110 *	358 *	496 *	575 *	278 *	197 *	139 *	116 *	106 *	100 *	104 *	138 *
8	152 *	324 *	438 *	506 *	273 *	194 *	138 *	125 *	102 *	100 *	109 *	148 *
9	125 *	328 *	567 *	394 *	268 *	194 *	138 *	122 *	102 *	100 *	106 *	122 *
10	117 *	359 *	484 *	392 *	266 *	184 *	138 *	112 *	102 *	100 *	107 *	112 *
11	120 *	344 *	441 *	430 *	261 *	185 *	138 *	111 *	102 *	100 *	107 *	101 *
12	118 *	336 *	423 *	371 *	259 *	183 *	138 *	110 *	102 *	100 *	107 *	100 *
13	112 *	298 *	400 *	364 *	265 *	184 *	124 *	110 *	102 *	100 *	105 *	100 *
14	130 *	314 *	345 *	356 *	259 *	182 *	122 *	110 *	102 *	100 *	104 *	100 *
15	117 *	305 *	376 *	374 *	256 *	185 *	121 *	110 *	102 *	100 *	102 *	100 *
16	120 *	288 *	329 *	390 *	255 *	183 *	124 *	110 *	100 *	100 *	105 *	98 *
17	123 *	288 *	359 *	402 *	262 *	175 *	124 *	110 *	100 *	100 *	101 *	98 *
18	122 *	282 *	344 *	347 *	253 *	169 *	124 *	110 *	100 *	100 *	100 *	96 *
19	121 *	285 *	384 *	403 *	344 *	168 *	124 *	109 *	100 *	100 *	99 *	96 *
20	119 *	294 *	475 *	333 *	350 *	167 *	124 *	108 *	104 *	100 *	97 *	96 *
21	117 *	297 *	445 *	315 *	278 *	166 *	124 *	108 *	104 *	101 *	97 *	96 *
22	117 *	292 *	376 *	333 *	253 *	165 *	122 *	108 *	104 *	100 *	98 *	126 *
23	115 *	278 *	366 *	295 *	246 *	163 *	122 *	108 *	100 *	102 *	98 *	99 *
24	133 *	287 *	341 *	275 *	243 *	161 *	122 *	108 *	100 *	109 *	96 *	96 *
25	138 *	372 *	326 *	263 *	234 *	160 *	122 *	108 *	100 *	105 *	96 *	96 *
26	152 *	354 *	325 *	308 *	232 *	160 *	122 *	108 *	100 *	100 *	96 *	98 *
27	142 *	349 *	326 *	375 *	227 *	159 *	120 *	108 *	100 *	100 *	98 *	107 *
28	160 *	361 *	335 *	305 *	223 *	158 *	120 *	107 *	100 *	100 *	100 *	100 *
29	184 *		328 *	302 *	220 *	151 *	120 *	106 *	100 *	100 *	99 *	125 *
30	186 *		317 *	304 *	217 *	143 *	120 *	106 *	100 *	100 *	96 *	140 *
31	180 *		379 *		214 *		118 *	106 *		100 *		135 *
Nivel Max.	194 *	480 *	656 *	620 *	410 *	212 *	140 *	134 *	106 *	110 *	110 *	160 *
Día	30	26	9	7	20	1	vv	8	vv	24	8	8
Hora	7	6	7	7	7	7		18		7	7	7
Nivel Min.	106 *	170 *	306 *	260 *	212 *	140 *	118 *	106 *	100 *	100 *	96 *	96 *
Día	1	1	30	25	31	30	31	vv	vv	vv	vv	vv
Hora	18	18	18	18	18	18	18					
Nivel Medio	129	315	395	371	266	179	129	111	102	101	101	107

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

HA2I	LOS TINTOS EN J.B. AGUIRRE											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	113 *	245 *	432 *	514 *	484 *	353 *	216 *					
2	115 *	265 *	434 *	514 *	476 *	289 *	214 *	129 *				
3	118 *	300 *	437 *	517 *	467 *	277 *	212 *	136 *				
4	121 *	303 *	438 *	517 *	467 *	324 *	218 *	126 *				
5	142 *	300 *	446 *	516 *	466 *	322 *	227 *	134 *				
6	144 *	338 *	461 *	515 *	454 *	320 *	209 *	130 *				
7	146 *	355 *	467 *	516 *	446 *	315 *	220 *	119 *				
8	149 *	367 *	484 *	516 *	438 *	310 *	204 *	114 *				
9	152 *	378 *	513 *	515 *	431 *	298 *	190 *	118 *				
10	151 *	352 *	527 *	515 *	426 *	294 *	169 *	115 *				
11	134 *	414 *	528 *	509 *	422 *	287 *	160 *	122 *				
12	114 *	436 *	529 *	505 *	418 *	285 *	160 *	129 *				
13	119 *	443 *	524 *	503 *	416 *	278 *	135 *	130 *				
14	122 *	449 *	520 *	497 *	415 *	274 *	148 *					
15	121 *	454 *	512 *	493 *	414 *	274 *	207 *	215 *				
16	122 *	443 *	518 *	486 *	410 *	269 *	224 *	204 *				
17	124 *	440 *	517 *	485 *	406 *	274 *	216 *	158 *				
18	127 *	443 *	513 *	482 *	402 *	284 *	217 *	164 *				
19	130 *	434 *	510 *	481 *	401 *	275 *	219 *	139 *				
20	141 *	439 *	513 *	479 *	399 *	269 *	217 *	118 *				
21	140 *	436 *	515 *	475 *	395 *	267 *	215 *	113 *				
22	146 *	437 *	526 *	465 *	391 *	265 *	175 *	111 *				
23	156 *	438 *	526 *	457 *	390 *	247 *	170 *	120 *				
24	169 *	435 *	522 *	461 *	389 *	225 *	141 *	121 *				
25	159 *	427 *	520 *	467 *	388 *	224 *	145 *	121 *				
26	155 *	425 *	519 *	477 *	386 *	222 *	127 *	124 *				
27	138 *	423 *	520 *	484 *	384 *	227 *		126 *				
28	127 *	428 *	524 *	487 *	381 *	222 *		126 *				
29	149 *		522 *	485 *	378 *	227 *		127 *				
30	156 *		520 *	485 *	374 *	218 *						
31	200 *		519 *		361 *							
Nivel Max.	225 *	457 *	529 *	517 *	485 *	359 *						
Día	31	15	12	vv	1	1						
Hora	18	7	18		7	7						
Nivel Min.	102 *	234 *	431 *	456 *	360 *	216 *						
Día	1	1	1	23	31	30						
Hora	7	7	18	7	18	7						
Nivel Medio	139	394	502	494	415	274	190	133				

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

HA2K	ABRAS DE MANTEQUILLA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	100 *	186 *	387 *	581 *	420 *	260 *	117 *	110 *	110 *			
2	100 *	184 *	391 *	590 *	417 *	257 *	116 *	110 *	110 *			
3	100 *	185 *	395 *	597 *	408 *	248 *	115 *	110 *	110 *			
4	100 *	186 *	412 *	604 *	401 *	241 *	114 *	110 *	110 *			
5	100 *	203 *	445 *	604 *	393 *	237 *	112 *	110 *	110 *			
6	100 *	245 *	505 *	601 *	382 *	231 *	112 *	110 *	110 *			
7	100 *	270 *	546 *	592 *	373 *	227 *	112 *	110 *	110 *			
8	100 *	284 *	565 *	583 *	367 *	221 *	112 *	110 *	108 *			
9	100 *	292 *	583 *	576 *	361 *	217 *	112 *	110 *	108 *			
10	100 *	313 *	594 *	568 *	356 *	210 *	112 *	110 *	107 *			
11	100 *	338 *	604 *	550 *	351 *	204 *	112 *	110 *	107 *			
12	100 *	371 *	611 *	548 *	346 *	199 *	112 *	110 *	107 *			
13	100 *	388 *	611 *	537 *	339 *	197 *	112 *	110 *	106 *			
14	100 *	414 *	604 *	530 *	332 *	193 *	112 *	110 *	106 *			
15	111 *	419 *	596 *	525 *	324 *	190 *	112 *	110 *	106 *			
16	119 *	419 *	591 *	524 *	319 *	190 *	112 *	110 *	106 *			
17	121 *	420 *	590 *	522 *	313 *	190 *	112 *	110 *	106 *			
18	123 *	413 *	599 *	516 *	309 *	187 *	112 *	110 *	105 *			
19	128 *	402 *	598 *	507 *	305 *	178 *	112 *	110 *	105 *			
20	137 *	394 *	594 *	501 *	301 *	168 *	111 *	110 *	105 *			
21	248 *	391 *	589 *	493 *	296 *	158 *	110 *	110 *	105 *			
22	158 *	390 *	585 *	483 *	292 *	149 *	110 *	110 *	105 *			
23	166 *	388 *	581 *	473 *	290 *	143 *	110 *	110 *	105 *			
24	175 *	382 *	579 *	467 *	290 *	137 *	110 *	110 *	104 *			
25	181 *	376 *	577 *	459 *	287 *	131 *	110 *	110 *	104 *			
26	189 *	379 *	576 *	450 *	281 *	129 *	110 *	110 *	104 *			
27	200 *	381 *	576 *	443 *	277 *	124 *	110 *	110 *	104 *			
28	200 *	385 *	576 *	434 *	271 *	119 *	110 *	110 *	104 *			
29	195 *		580 *	430 *	267 *	118 *	110 *	110 *	104 *			
30	191 *		582 *	423 *	262 *	118 *	110 *	110 *	104 *			
31	187 *		582 *		260 *		110 *	110 *				
Nivel Max.	345 *	420 *	612 *	604 *	420 *	260 *	117 *	110 *	110 *			
Día	21	17	12	vv	1	1	1	vv	vv			
Hora	7	18	18		7	7	7					
Nivel Min.	100 *	184 *	386 *	420 *	260 *	118 *	110 *	110 *	104 *			
Día	vv	2	1	31	31	vv	vv	vv	vv			
Hora		7	7	18	18							
Nivel Medio	136	336	555	523	329	186	112	110	107			

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

HA2L	SAMBORONDON EN SAMBORONDON											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	354 *	206 *	333 *	429 *	378 *	259 *	247 *	246 *	301 *	260 *	382 *	389 *
2		232 *	335 *	428 *	387 *	272 *	247 *	246 *	272 *	333 *	395 *	407 *
3		266 *	335 *	423 *	382 *	343 *	268 *	285 *	208 *	383 *	371 *	361 *
4	194 *	293 *	367 *	424 *	377 *	313 *	292 *	324 *		381 *	334 *	313 *
5	219 *	317 *	375 *	420 *	384 *	340 *	335 *	378 *		388 *	359 *	314 *
6	241 *	353 *	385 *	429 *	397 *	385 *	372 *	381 *		314 *	246 *	258 *
7	279 *	395 *	399 *	397 *	429 *	404 *	389 *	346 *		314 *		
8	325 *	429 *	419 *	472 *	446 *	403 *	365 *	308 *		272 *		
9	365 *	442 *	454 *	479 *	447 *	374 *	340 *	286 *	184 *			212 *
10	373 *	410 *	473 *	476 *	429 *	287 *	305 *	222 *	202 *			219 *
11	344 *	373 *	483 *	461 *	402 *	382 *	288 *		218 *		217 *	236 *
12	309 *	317 *	468 *	439 *	368 *	256 *	232 *		251 *	219 *	238 *	265 *
13	282 *	289 *	444 *	417 *	326 *	222 *	231 *	226 *	317 *	226 *	284 *	298 *
14	230 *	259 *	423 *	396 *	295 *	222 *	239 *	239 *	372 *	255 *	344 *	342 *
15	215 *	260 *	413 *	388 *	319 *	239 *	250 *	267 *	363 *	289 *	376 *	355 *
16		272 *	404 *	385 *	279 *	261 *	251 *	262 *	389 *	372 *	390 *	364 *
17		276 *	400 *	386 *	284 *	273 *	258 *	299 *	294 *	383 *	366 *	355 *
18		284 *	404 *	389 *	287 *	244 *	295 *	356 *	288 *	372 *	355 *	326 *
19	192 *	300 *	406 *	398 *	309 *	275 *	337 *	389 *	232 *	327 *	311 *	302 *
20	205 *	305 *	424 *	395 *	347 *	397 *	369 *	396 *		299 *	276 *	269 *
21	211 *	319 *	427 *	405 *	374 *	402 *	374 *	333 *		272 *	295 *	262 *
22	243 *	350 *	427 *	422 *	414 *	420 *	361 *	288 *		267 *	264 *	
23	268 *	403 *	433 *	453 *	442 *	389 *	278 *	253 *		256 *		
24	318 *	435 *	447 *	451 *	452 *	339 *	271 *		220 *			
25	355 *	456 *	477 *	488 *	426 *	282 *	278 *		243 *			212 *
26	359 *	440 *	497 *	470 *	376 *	278 *			308 *		206 *	232 *
27	350 *	404 *	502 *	434 *	319 *	222 *			340 *		229 *	255 *
28	316 *	353 *	489 *	401 *	266 *				364 *		252 *	295 *
29	281 *		474 *	377 *	227 *				356 *	218 *	310 *	348 *
30	238 *		442 *	384 *	245 *		222 *		196 *	264 *	381 *	394 *
31	212 *		433 *		247 *		236 *	223 *		325 *		412 *
Nivel Max.		478 *	516 *	494 *	462 *							
Día		26	28	25	8							
Hora		7	7	7	18							
Nivel Min.		196 *	326 *	372 *	226 *							
Día		1	1	29	29							
Hora		7	7	7	7							
Nivel Medio	280	337	425	424	357	314	293	298	282	304	312	307

NOTA: * DATOS LIMNIMETRICOS

NIVELES MEDIOS DIARIOS (cm)

2002

HA2U	CAMPANA-MALACATOS											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	24 *	51 *	34 *	25 *	21 *	26 *			30 *	17 *	19 *	27 *
2	37 *	54 *	33 *	23 *	23 *	24 *			29 *	17 *	19 *	26 *
3	28 *	51 *	31 *	30 *	37 *	23 *			38 *	15 *	18 *	25 *
4	23 *	50 *	31 *	26 *	31 *	22 *			25 *	22 *	20 *	23 *
5	22 *	62 *	34 *	20 *	32 *	22 *			23 *	32 *	29 *	22 *
6	22 *	63 *	32 *	19 *	34 *	25 *			20 *	26 *	24 *	22 *
7	21 *	49 *	31 *	22 *	34 *	24 *			22 *	22 *	21 *	24 *
8	21 *	44 *	30 *	25 *	32 *	23 *			25 *	17 *	20 *	42 *
9	19 *	39 *	30 *	29 *	30 *	21 *			26 *	18 *	22 *	25 *
10	19 *	36 *	28 *	32 *	31 *	23 *			23 *	32 *	19 *	21 *
11	20 *	35 *	27 *	31 *	33 *	20 *			19 *	26 *	20 *	20 *
12	18 *	32 *	28 *	27 *	29 *	20 *			19 *	24 *	19 *	19 *
13	18 *	30 *	28 *	23 *	20 *	19 *			17 *	22 *	17 *	19 *
14	18 *	29 *	26 *	22 *	23 *	17 *			17 *	18 *	18 *	21 *
15	18 *	28 *	24 *	21 *	27 *	21 *			17 *	17 *	17 *	33 *
16	17 *	28 *	23 *	20 *	31 *	27 *			16 *	18 *	29 *	39 *
17	17 *	45 *	23 *	23 *	26 *	18 *			15 *	17 *	31 *	32 *
18	16 *	46 *	24 *	21 *	22 *	19 *			15 *	18 *	28 *	32 *
19	15 *	35 *	23 *	20 *	21 *	22 *			17 *	19 *	22 *	31 *
20	15 *	32 *	24 *	19 *	27 *	30 *			17 *	19 *	20 *	32 *
21	15 *	31 *	23 *	40 *	26 *	24 *			24 *	24 *	22 *	32 *
22	15 *	29 *	23 *	39 *	28 *	20 *			25 *	21 *	34 *	28 *
23	20 *	33 *	23 *	37 *	29 *	19 *			20 *	25 *	33 *	27 *
24	24 *	32 *	21 *	31 *	24 *	18 *			17 *	19 *	29 *	27 *
25	31 *	34 *	20 *	37 *	24 *	17 *			17 *	21 *	24 *	37 *
26	47 *	34 *	19 *	32 *	24 *	16 *			17 *	25 *	23 *	38 *
27	54 *	32 *	20 *	30 *	30 *	18 *			17 *	22 *	35 *	33 *
28	52 *	35 *	22 *	20 *	26 *	19 *			17 *	22 *	39 *	31 *
29	38 *		21 *	20 *	25 *	20 *			24 *	27 *	28 *	29 *
30	34 *		21 *	22 *	27 *	18 *			18 *	27 *	26 *	28 *
31	45 *		24 *		26 *					20 *		28 *
Nivel Max.	56 *	66 *	34 *	42 *	38 *	32 *			38 *	35 *	39 *	48 *
Día	27	6	vv	22	3	20			3	5	28	8
Hora	17	17		17	7	17			17	7	17	7
Nivel Min.	14 *	27 *	18 *	19 *	20 *	16 *			15 *	15 *	17 *	18 *
Día	21	23	26	vv	1	26			vv	3	vv	13
Hora	17	7	17		17	17				17		7
Nivel Medio	25	39	26	26	27	21			21	21	24	28

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

HA2V	MOYOCOCHA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	99 *	107 *	81 *	118 *	99 *	80 *	132 *	105 *	75 *	60 *	81 *	89 *
2	105 *	101 *	80 *	161 *	150 *	80 *	142 *	100 *	77 *	59 *	70 *	87 *
3	96 *	111 *	77 *	95 *	99 *	79 *	94 *	93 *	118 *	57 *	73 *	76 *
4	91 *	108 *	87 *	94 *	103 *	118 *	92 *	90 *	99 *	50 *	79 *	111 *
5	90 *	129 *	113 *	94 *	91 *	79 *	85 *	90 *	99 *	89 *	77 *	102 *
6	93 *	123 *	127 *	104 *	110 *	78 *	105 *	86 *	75 *	58 *	77 *	120 *
7	90 *	99 *	117 *	165 *	99 *	79 *	90 *	81 *	71 *	64 *	80 *	118 *
8	89 *	95 *	100 *	126 *	108 *	76 *	98 *	106 *	89 *	77 *	73 *	110 *
9	99 *	82 *	96 *	115 *	100 *	76 *	90 *	98 *	84 *	103 *	82 *	111 *
10	103 *	89 *	92 *	107 *	96 *	79 *	121 *	95 *	72 *	112 *	78 *	95 *
11	92 *	85 *	90 *	99 *	152 *	85 *	110 *	91 *	70 *	99 *	70 *	90 *
12	89 *	80 *	89 *	93 *	115 *	75 *	100 *	86 *	68 *	94 *	78 *	83 *
13	86 *	79 *	89 *	90 *	107 *	74 *	94 *	83 *	65 *	69 *	71 *	79 *
14	91 *	122 *	86 *	89 *	96 *	142 *	87 *	84 *	64 *	70 *	70 *	80 *
15	79 *	120 *	85 *	88 *	110 *	163 *	108 *	111 *	64 *	70 *	131 *	82 *
16	76 *	113 *	81 *	89 *	108 *	104 *	100 *	101 *	60 *	74 *	109 *	103 *
17	93 *	105 *	80 *	87 *	107 *	88 *	124 *	87 *	60 *	71 *	110 *	95 *
18	90 *	98 *	79 *	98 *	91 *	115 *	126 *	83 *	61 *	96 *	91 *	90 *
19	79 *	80 *	80 *	97 *	89 *	148 *	107 *	76 *	59 *	71 *	85 *	90 *
20	78 *	78 *	80 *	107 *	98 *	135 *	100 *	86 *	56 *	76 *	99 *	104 *
21	81 *	77 *	80 *	100 *	97 *	126 *	97 *	96 *	62 *	76 *	153 *	131 *
22	94 *	80 *	78 *	121 *	126 *	110 *	85 *	95 *	68 *	80 *	123 *	108 *
23	93 *	73 *	80 *	99 *	112 *	95 *	103 *	95 *	59 *	74 *	89 *	105 *
24	80 *	125 *	79 *	103 *	97 *	92 *	132 *	83 *	57 *	71 *	80 *	95 *
25	105 *	115 *	79 *	93 *	110 *	96 *	113 *	80 *	54 *	70 *	74 *	103 *
26	126 *	96 *	77 *	91 *	115 *	84 *	113 *	76 *	49 *	99 *	118 *	113 *
27	126 *	108 *	76 *	90 *	103 *	78 *	103 *	80 *	50 *	87 *	105 *	94 *
28	129 *	115 *	79 *	103 *	95 *	77 *	112 *	76 *	49 *	80 *	122 *	100 *
29	105 *		84 *	95 *	89 *	88 *	157 *	75 *	85 *	77 *	113 *	88 *
30	110 *		91 *	94 *	85 *	101 *	163 *	71 *	64 *	82 *	100 *	87 *
31	116 *		100 *		84 *		108 *	76 *		77 *		83 *
Nivel Max.	132 *	132 *	131 *	200 *	174 *	206 *	180 *	140 *	120 *	115 *	172 *	140 *
Día	26	28	6	7	11	14	29	15	3	10	15	21
Hora	17	17	7	7	17	17	17	17	7	17	17	7
Nivel Min.	75 *	72 *	75 *	86 *	80 *	70 *	80 *	70 *	48 *	50 *	70 *	74 *
Día	16	23	27	17	30	12	5	30	26	4	vv	3
Hora	7	17	17	17	17	17	17	17	17	17		17
Nivel Medio	96	99	87	103	104	96	109	88	69	77	92	97

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

HA2X	YAMBALA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	24 *	49 *	28 *	59 *	47 *	19 *	25 *	19 *	10 *	16 *	17 *	15 *
2	23 *	44 *	27 *	57 *	58 *	19 *	26 *	16 *	10 *	14 *	31 *	20 *
3	32 *	40 *	22 *	54 *	47 *	17 *	21 *	15 *	20 *	12 *	27 *	16 *
4	29 *	47 *	20 *	49 *	44 *	16 *	16 *	14 *	19 *	11 *	20 *	13 *
5	30 *	49 *	27 *	35 *	39 *	15 *	25 *	13 *	14 *	21 *	21 *	11 *
6	27 *	58 *	43 *	59 *	31 *	14 *	32 *	12 *	12 *	23 *	19 *	10 *
7	20 *	45 *	27 *	61 *	28 *	14 *	27 *	13 *	14 *	17 *	15 *	12 *
8	18 *	27 *	25 *	69 *	25 *	14 *	22 *	19 *	15 *	19 *	13 *	19 *
9	17 *	24 *	23 *	63 *	23 *	14 *	25 *	17 *	13 *	23 *	13 *	17 *
10	17 *	21 *	23 *	57 *	21 *	16 *	27 *	15 *	14 *	32 *	12 *	13 *
11	18 *	29 *	20 *	53 *	22 *	28 *	19 *	13 *	11 *	26 *	13 *	11 *
12	19 *	21 *	23 *	49 *	46 *	24 *	25 *	11 *	9 *	22 *	14 *	9 *
13	22 *	20 *	27 *	44 *	53 *	18 *	34 *	10 *	7 *	17 *	12 *	8 *
14	17 *	20 *	22 *	39 *	53 *	16 *	33 *	9 *	5 *	13 *	11 *	8 *
15	16 *	34 *	20 *	35 *	51 *	21 *	25 *	9 *	5 *	12 *	18 *	15 *
16	14 *	44 *	18 *	31 *	47 *	24 *	19 *	17 *	6 *	13 *	21 *	35 *
17	15 *	45 *	16 *	28 *	33 *	21 *	17 *	17 *	5 *	16 *	17 *	23 *
18	13 *	48 *	15 *	24 *	29 *	19 *	15 *	15 *	6 *	21 *	13 *	21 *
19	12 *	37 *	24 *	20 *	27 *	36 *	14 *	13 *	6 *	19 *	14 *	19 *
20	12 *	29 *	26 *	18 *	25 *	47 *	13 *	9 *	6 *	17 *	11 *	19 *
21	13 *	23 *	23 *	63 *	23 *	40 *	12 *	16 *	11 *	29 *	15 *	23 *
22	11 *	45 *	21 *	61 *	21 *	29 *	13 *	15 *	20 *	29 *	38 *	21 *
23	18 *	53 *	33 *	53 *	33 *	26 *	14 *	15 *	18 *	30 *	25 *	17 *
24	16 *	47 *	32 *	43 *	33 *	18 *	35 *	13 *	18 *	22 *	17 *	15 *
25	24 *	43 *	31 *	33 *	34 *	15 *	31 *	12 *	15 *	14 *	14 *	15 *
26	33 *	27 *	29 *	49 *	22 *	14 *	25 *	11 *	11 *	12 *	11 *	25 *
27	44 *	24 *	27 *	47 *	20 *	13 *	20 *	10 *	8 *	35 *	23 *	25 *
28	46 *	39 *	20 *	50 *	18 *	12 *	50 *	14 *	7 *	21 *	16 *	23 *
29	30 *		18 *	54 *	17 *	11 *	49 *	12 *	22 *	28 *	17 *	21 *
30	43 *		16 *	51 *	16 *	10 *	45 *	14 *	20 *	20 *	17 *	17 *
31	44 *		14 *		17 *		58 *	10 *		17 *		13 *
Nivel Max.	50 *	60 *	45 *	70 *	60 *	55 *	60 *	20 *	22 *	35 *	40 *	36 *
Día	31	6	6	8	2	19	31	1	29	10	22	16
Hora	17	7	7	7	17	17	7	7	7	7	17	17
Nivel Min.	10 *	17 *	13 *	17 *	15 *	9 *	11 *	8 *	4 *	10 *	10 *	8 *
Día	20	15	31	20	30	30	21	20	15	14	14	vv
Hora	7	7	17	17	17	17	17	17	7	17	17	
Nivel Medio	23	37	24	47	32	20	26	13	12	20	17	17

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

HA39	CHUQUIRIBAMBA											
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	6 *	22 *	40 *	30 *	34 *	27 *	28 *	27 *	30 *	25 *	26 *	23 *
2	6 *	22 *	30 *	33 *	39 *	27 *	28 *	30 *	29 *	25 *	26 *	21 *
3	13 *	22 *	29 *	28 *	23 *	26 *	27 *	29 *	29 *	26 *	43 *	20 *
4	9 *	22 *	29 *	28 *	22 *	27 *	26 *	27 *	29 *	26 *	29 *	20 *
5	10 *	35 *	65 *	29 *	22 *	30 *	31 *	26 *	28 *	26 *	43 *	20 *
6	8 *	30 *	29 *	27 *	33 *	28 *	38 *	28 *	28 *	24 *	35 *	22 *
7	6 *	25 *	24 *	27 *	32 *	28 *	27 *	27 *	28 *	24 *	27 *	23 *
8	7 *	24 *	24 *	32 *	34 *	28 *	27 *	46 *	27 *	25 *	27 *	22 *
9	4 *	23 *	27 *	27 *	31 *	27 *	27 *	29 *	27 *	25 *	27 *	30 *
10	3 *	22 *	30 *	29 *	33 *	27 *	26 *	25 *	26 *	25 *	28 *	28 *
11	3 *	22 *	30 *	27 *	40 *	28 *	26 *	25 *	26 *	25 *	24 *	27 *
12	3 *	22 *	30 *	27 *	29 *	27 *	29 *	25 *	26 *	25 *	24 *	25 *
13	3 *	22 *	30 *	27 *	26 *	27 *	27 *	25 *	26 *	24 *	24 *	25 *
14	3 *	24 *	30 *	26 *	24 *	27 *	28 *	25 *	26 *	25 *	25 *	25 *
15	3 *	31 *	30 *	27 *	24 *	30 *	31 *	25 *	28 *	24 *	26 *	27 *
16	2 *	31 *	30 *	27 *	24 *	41 *	27 *	24 *	28 *	24 *	31 *	26 *
17	10 *	31 *	30 *	27 *	24 *	27 *	28 *	24 *	28 *	27 *	27 *	31 *
18	9 *	31 *	29 *	27 *	24 *	25 *	27 *	24 *	27 *	26 *	29 *	25 *
19	6 *	30 *	29 *	27 *	23 *	24 *	27 *	24 *	25 *	25 *	25 *	24 *
20	5 *	30 *	33 *	28 *	28 *	32 *	27 *	24 *	24 *	24 *	24 *	27 *
21	3 *	30 *	30 *	30 *	30 *	25 *	26 *	24 *	25 *	25 *	25 *	27 *
22	3 *	30 *	30 *	27 *	33 *	25 *	26 *	26 *	26 *	25 *	25 *	26 *
23	3 *	30 *	31 *	27 *	31 *	25 *	28 *	30 *	26 *	31 *	24 *	26 *
24	2 *	29 *	30 *	24 *	30 *	25 *	30 *	29 *	24 *	25 *	24 *	26 *
25	2 *	30 *	30 *	27 *	31 *	26 *	31 *	30 *	24 *	24 *	24 *	26 *
26	2 *	30 *	30 *	26 *	30 *	26 *	31 *	30 *	25 *	26 *	24 *	26 *
27	2 *	30 *	30 *	26 *	29 *	27 *	30 *	30 *	28 *	27 *	24 *	26 *
28	2 *	33 *	29 *	26 *	28 *	27 *	30 *	30 *	28 *	26 *	23 *	26 *
29	2 *		29 *	27 *	27 *	27 *	33 *	29 *	28 *	27 *	23 *	24 *
30	2 *		30 *	34 *	27 *	28 *	34 *	29 *	27 *	26 *	23 *	24 *
31	2 *		30 *		27 *		29 *	28 *				24 *
Nivel Max.	14 *	40 *	100 *	40 *	44 *	42 *	44 *	46 *	30 *		60 *	35 *
Día	3	5	5	30	11	16	6	8	1		3	17
Hora	7	17	17	7	7	7	17	7	7		17	17
Nivel Min.	2 *	22 *	24 *	24 *	22 *	24 *	25 *	24 *	22 *		23 *	14 *
Día	vv	vv	vv	24	vv	19	22	24	24		vv	8
Hora				17		17	17		17			17
Nivel Medio	5	27	31	28	29	27	29	27	27	25	27	25

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

PORDEL													
HA40	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	25 *	1 *	14 *	4 *	6 *	3 *	5 *	4 *	0 *	0 *	0 *	1 *
	2	25 *	2 *	8 *	10 *	17 *	3 *	5 *	3 *	0 *	0 *	2 *	0 *
	3	30 *	1 *	6 *	5 *	8 *	3 *	3 *	3 *	0 *	0 *	1 *	0 *
	4	28 *	1 *	7 *	4 *	5 *	3 *	3 *	3 *	0 *	0 *	12 *	0 *
	5	29 *	17 *	21 *	4 *	5 *	9 *	5 *	3 *	0 *	0 *	12 *	0 *
	6	28 *	19 *	34 *	3 *	6 *	4 *	11 *	3 *	0 *	0 *	4 *	1 *
	7	28 *	15 *	6 *	5 *	5 *	3 *	6 *	3 *	0 *	0 *	3 *	2 *
	8	27 *	11 *	5 *	13 *	6 *	3 *	5 *	5 *	0 *	0 *	3 *	9 *
	9	26 *	8 *	5 *	10 *	5 *	3 *	4 *	4 *	0 *	0 *	3 *	5 *
	10	27 *	5 *	5 *	13 *	5 *	3 *	4 *	4 *	0 *	0 *	4 *	3 *
	11	27 *	4 *	4 *	10 *	16 *	4 *	4 *	3 *	0 *	0 *	3 *	3 *
	12	26 *	3 *	3 *	9 *	11 *	3 *	4 *	3 *	0 *	0 *	3 *	3 *
	13	26 *	3 *	4 *	6 *	6 *	3 *	3 *	3 *	0 *	0 *	3 *	3 *
	14	27 *	9 *	4 *	5 *	5 *	3 *	3 *	3 *	0 *	0 *	3 *	3 *
	15	26 *	10 *	3 *	5 *	4 *	4 *	4 *	3 *	0 *	0 *	3 *	3 *
	16	27 *	6 *	3 *	4 *	5 *	9 *	4 *	3 *	0 *	0 *	3 *	3 *
	17	25 *	6 *	3 *	4 *	4 *	4 *	4 *	2 *	0 *	0 *	2 *	14 *
	18	23 *	5 *	3 *	4 *	4 *	3 *	3 *	2 *	0 *	0 *	2 *	5 *
	19	23 *	4 *	3 *	4 *	4 *	3 *	3 *	2 *	0 *	0 *	2 *	4 *
	20	23 *	4 *	8 *	4 *	4 *	14 *	3 *	2 *	0 *	0 *	2 *	4 *
	21	22 *	3 *	5 *	3 *	7 *	9 *	3 *	2 *	0 *	0 *	2 *	4 *
	22	21 *	3 *	3 *	4 *	8 *	5 *	3 *	0 *	0 *	0 *	2 *	3 *
	23	22 *	3 *	3 *	4 *	6 *	5 *	3 *	0 *	0 *	0 *	2 *	3 *
	24	22 *	3 *	3 *	4 *	5 *	5 *	3 *	0 *	0 *	0 *	2 *	3 *
	25	22 *	3 *	3 *	10 *	5 *	5 *	3 *	0 *	0 *	0 *	2 *	3 *
	26	22 *	3 *	3 *	5 *	5 *	4 *	3 *	0 *	0 *	0 *	2 *	3 *
	27	23 *	2 *	3 *	5 *	4 *	4 *	3 *	0 *	0 *	0 *	2 *	3 *
	28	22 *	29 *	2 *	4 *	3 *	3 *	3 *	0 *	0 *	0 *	2 *	2 *
	29	22 *		4 *	4 *	3 *	3 *	13 *	0 *	0 *	0 *	1 *	2 *
	30	22 *		10 *	5 *	3 *	3 *	10 *	0 *	0 *	0 *	2 *	2 *
	31	21 *		5 *		3 *		7 *	0 *		0 *		2 *
Nivel Max.		30 *	55 *	42 *	20 *	18 *	24 *	16 *	5 *	0 *	0 *	20 *	24 *
Día		3	28	6	8	2	20	6	8	vv	vv	5	17
Hora		17	17	17	8	7	17	17	17			17	17
Nivel Min.		20 *	0 *	2 *	3 *	3 *	3 *	3 *	0 *	0 *	0 *	0 *	0 *
Día		31	1	28	vv	vv	vv	vv	vv	vv	vv	1	vv
Hora		17	17	7								7	
Nivel Medio		25	6	6	6	6	4	4	2	0	0	3	3

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

LAS LAGRIMAS - RIO ZAMORA													
HA41	DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
	1	45 *	35 *	25 *	45 *	70 *	50 *	30 *	30 *	20 *	20 *	20 *	20 *
	2	45 *	25 *	20 *	65 *	70 *	25 *	45 *	35 *	20 *	19 *	20 *	25 *
	3	65 *	20 *	30 *	45 *	35 *	35 *	30 *	20 *	25 *	18 *	30 *	20 *
	4	55 *	35 *	30 *	65 *	30 *	35 *	20 *	20 *	20 *	20 *	35 *	25 *
	5	40 *	40 *	25 *	65 *	40 *	25 *	25 *	25 *	25 *	20 *	30 *	20 *
	6	25 *	50 *	20 *	35 *	45 *	35 *	35 *	30 *	20 *	20 *	35 *	25 *
	7	25 *	30 *	25 *	35 *	25 *	25 *	25 *	35 *	30 *	17 *	35 *	30 *
	8	15 *	30 *	19 *	85 *	30 *	35 *	25 *	25 *	25 *	20 *	25 *	25 *
	9	20 *	45 *	35 *	60 *	35 *	25 *	35 *	30 *	40 *	25 *	20 *	20 *
	10	25 *	50 *	30 *	60 *	30 *	20 *	35 *	35 *	25 *	20 *	25 *	20 *
	11	20 *	30 *	30 *	30 *	30 *	35 *	45 *	25 *	20 *	19 *	20 *	20 *
	12	19 *	30 *	30 *	35 *	35 *	25 *	40 *	25 *	20 *	20 *	20 *	20 *
	13	20 *	20 *	35 *	25 *	35 *	25 *	35 *	20 *	19 *	20 *	30 *	25 *
	14	19 *	20 *	25 *	35 *	35 *	40 *	35 *	30 *	20 *	18 *	20 *	20 *
	15	20 *	20 *	25 *	25 *	40 *	20 *	30 *	30 *	19 *	19 *	25 *	30 *
	16	19 *	20 *	25 *	40 *	25 *	25 *	35 *	45 *	19 *	17 *	35 *	25 *
	17	20 *	25 *	25 *	35 *	20 *	20 *	35 *	25 *	18 *	18 *	25 *	20 *
	18	25 *	30 *	25 *	35 *	25 *	25 *	25 *	20 *	20 *	19 *	20 *	30 *
	19	20 *	40 *	30 *	25 *	20 *	45 *	25 *	25 *	25 *	20 *	20 *	25 *
	20	30 *	25 *	25 *	35 *	25 *	70 *	25 *	25 *	25 *	20 *	20 *	30 *
	21	21 *	35 *	35 *	25 *	35 *	45 *	20 *	25 *	20 *	20 *	19 *	35 *
	22	15 *	30 *	30 *	25 *	45 *	25 *	25 *	20 *	19 *	20 *	25 *	20 *
	23	40 *	20 *	20 *	25 *	25 *	35 *	25 *	20 *	20 *	20 *	20 *	20 *
	24	30 *	30 *	30 *	20 *	35 *	40 *	40 *	25 *	18 *	25 *	19 *	25 *
	25	25 *	35 *	35 *	35 *	25 *	35 *	40 *	25 *	18 *	30 *	20 *	30 *
	26	30 *	30 *	20 *	70 *	35 *	25 *	55 *	30 *	18 *	25 *	20 *	20 *
	27	25 *	25 *	25 *	35 *	30 *	35 *	30 *	20 *	20 *	25 *	19 *	30 *
	28	20 *	25 *	35 *	25 *	35 *	30 *	25 *	20 *	20 *	35 *	20 *	20 *
	29	30 *		25 *	35 *	25 *	25 *	50 *	25 *	19 *	25 *	20 *	20 *
	30	20 *		30 *	25 *	25 *	30 *	85 *	35 *	20 *	25 *	20 *	30 *
	31	30 *				25 *		50 *	25 *		25 *		30 *
Nivel Max.		80 *	60 *		120 *	90 *	80 *	90 *	50 *	40 *	40 *	40 *	40 *
Día		3	9		8	2	20	30	16	9	28	6	7
Hora		7	7		17	7	7	7	7	17	7	7	7
Nivel Min.		10 *	20 *		20 *	20 *	20 *	20 *	20 *	16 *	15 *	18 *	20 *
Día		22	vv		24	vv	vv	vv	vv	24	16	27	vv
Hora		7			7					17	7	7	
Nivel Medio		28	30	27	40	34	32	35	27	22	21	24	24

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

HA42 LLACO JARATENTA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	98 *	80 *	90 *	90 *	100 *	102 *	102 *	100 *	97 *	92 *	96 *	96 *
2	95 *	80 *	90 *	90 *	100 *	114 *	100 *	100 *	97 *	92 *	98 *	96 *
3	95 *	80 *	97 *	96 *	100 *	106 *	100 *	100 *	96 *	92 *	96 *	96 *
4	93 *	95 *	90 *	97 *	100 *	104 *	109 *	100 *	95 *	95 *	118 *	95 *
5	90 *	98 *	113 *	95 *	100 *	104 *	107 *	100 *	95 *	94 *	122 *	104 *
6	90 *	85 *	118 *	92 *	100 *	105 *	105 *	109 *	95 *	93 *	145 *	102 *
7	87 *	90 *	108 *	90 *	99 *	103 *	103 *	107 *	95 *	93 *	103 *	103 *
8	91 *	87 *	100 *	90 *	98 *	102 *	102 *	107 *	97 *	92 *	100 *	110 *
9	88 *	86 *	90 *	90 *	97 *	102 *	102 *	107 *	98 *	92 *	98 *	108 *
10	89 *	85 *	90 *	106 *	97 *	102 *	100 *	105 *	95 *	92 *	98 *	106 *
11	86 *	85 *	90 *	155 *	99 *	102 *	100 *	103 *	95 *	92 *	95 *	106 *
12	85 *	84 *	90 *	150 *	100 *	102 *	114 *	102 *	94 *	92 *	95 *	106 *
13	98 *	89 *	90 *	160 *	100 *	102 *	111 *	100 *	94 *	92 *	105 *	99 *
14	104 *	87 *	90 *	96 *	100 *	102 *	108 *	100 *	94 *	92 *	100 *	98 *
15	98 *	86 *	96 *	98 *	108 *	100 *	102 *	106 *	94 *	92 *	99 *	100 *
16	90 *	86 *	95 *	98 *	108 *	100 *	102 *	104 *	94 *	93 *	95 *	106 *
17	90 *	88 *	90 *	98 *	106 *	100 *	100 *	102 *	94 *	92 *	94 *	105 *
18	83 *	88 *	90 *	96 *	105 *	100 *	100 *	100 *	94 *	92 *	92 *	104 *
19	85 *	92 *	90 *	98 *	108 *	100 *	100 *	100 *	94 *	93 *	112 *	103 *
20	80 *	91 *	96 *	92 *	169 *	103 *	110 *	99 *	94 *	93 *	105 *	100 *
21	83 *	90 *	105 *	92 *	145 *	101 *	108 *	98 *	93 *	92 *	118 *	108 *
22	85 *	90 *	97 *	98 *	145 *	100 *	108 *	98 *	93 *	92 *	111 *	112 *
23	90 *	95 *	95 *	98 *	125 *	100 *	106 *	98 *	93 *	93 *	110 *	103 *
24	90 *	98 *	95 *	98 *	119 *	100 *	105 *	102 *	93 *	97 *	108 *	101 *
25	90 *	93 *	93 *	98 *	110 *	100 *	103 *	103 *	93 *	100 *	107 *	99 *
26	90 *	92 *	92 *	108 *	108 *	100 *	103 *	101 *	93 *	98 *	104 *	98 *
27	90 *	90 *	90 *	125 *	106 *	100 *	102 *	100 *	92 *	107 *	100 *	97 *
28	100 *	90 *	90 *	109 *	104 *	100 *	100 *	99 *	92 *	105 *	98 *	98 *
29	88 *		90 *	105 *	102 *	104 *	100 *	98 *	92 *	99 *	98 *	97 *
30	80 *		93 *	100 *	102 *	102 *	100 *	98 *	92 *	95 *	97 *	96 *
31			92 *				100 *	98 *				96 *
Nivel Max.		110 *	125 *	180 *		120 *	115 *	110 *	99 *		180 *	118 *
Día		4	5	13		2	12		9		6	22
Hora		18	18	7		7	7	7	7		7	7
Nivel Min.		80 *	90 *	90 *		100 *	100 *	98 *	92 *		90 *	95 *
Día		vv	vv	vv		vv	vv	vv	vv		18	4
Hora											18	7
Nivel Medio	90	89	95	104	109	102	104	101	94	94	104	101

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

2002

HA43 RIO JUMBILLA EN ZAMORA												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	32 *	55 *	34 *	37 *	58 *	36 *	62 *	58 *	30 *	24 *	27 *	27 *
2	44 *	55 *	34 *	105 *	112 *	34 *	75 *	52 *	35 *	22 *	24 *	27 *
3	52 *	62 *	31 *	42 *	50 *	32 *	43 *	50 *	53 *	22 *	24 *	25 *
4	56 *	63 *	30 *	51 *	44 *	31 *	36 *	47 *	42 *	24 *	28 *	25 *
5	34 *	113 *	64 *	41 *	39 *	31 *	53 *	44 *	33 *	32 *	79 *	25 *
6	32 *	73 *	62 *	32 *	54 *	30 *	85 *	42 *	30 *	28 *	38 *	26 *
7	31 *	60 *	39 *	39 *	59 *	28 *	55 *	47 *	36 *	24 *	30 *	28 *
8	27 *	54 *	35 *	73 *	56 *	28 *	45 *	76 *	36 *	23 *	27 *	72 *
9	25 *	41 *	33 *	43 *	47 *	31 *	45 *	48 *	36 *	24 *	25 *	36 *
10	24 *	35 *	30 *	42 *	58 *	31 *	49 *	43 *	35 *	41 *	55 *	28 *
11	23 *	38 *	30 *	50 *	104 *	36 *	48 *	40 *	29 *	29 *	28 *	26 *
12	23 *	35 *	28 *	37 *	81 *	36 *	72 *	40 *	27 *	25 *	26 *	25 *
13	22 *	33 *	31 *	34 *	62 *	30 *	55 *	39 *	26 *	25 *	24 *	23 *
14	25 *	36 *	29 *	31 *	54 *	29 *	51 *	38 *	27 *	22 *	25 *	25 *
15	22 *	34 *	27 *	32 *	54 *	57 *	61 *	42 *	28 *	21 *	35 *	25 *
16	21 *	36 *	26 *	31 *	53 *	85 *	46 *	57 *	27 *	21 *	43 *	28 *
17	24 *	41 *	26 *	29 *	49 *	38 *	51 *	40 *	26 *	21 *	43 *	27 *
18	22 *	64 *	25 *	29 *	44 *	31 *	52 *	35 *	26 *	23 *	31 *	28 *
19	21 *	41 *	25 *	29 *	48 *	59 *	45 *	36 *	25 *	22 *	28 *	27 *
20	20 *	36 *	38 *	33 *	58 *	130 *	42 *	35 *	25 *	21 *	26 *	35 *
21	20 *	33 *	29 *	50 *	45 *	93 *	37 *	45 *	29 *	29 *	25 *	82 *
22	20 *	32 *	25 *	67 *	75 *	52 *	41 *	40 *	26 *	26 *	55 *	32 *
23	22 *	32 *	26 *	43 *	44 *	45 *	35 *	44 *	25 *	49 *	36 *	27 *
24	25 *	36 *	24 *	33 *	54 *	41 *	58 *	38 *	24 *	27 *	27 *	27 *
25	38 *	43 *	23 *	67 *	54 *	40 *	67 *	36 *	23 *	25 *	25 *	28 *
26	53 *	33 *	22 *	43 *	51 *	39 *	63 *	36 *	23 *	36 *	24 *	31 *
27	61 *	31 *	25 *	45 *	45 *	36 *	46 *	38 *	25 *	56 *	26 *	31 *
28	48 *	45 *	27 *	40 *	39 *	35 *	68 *	36 *	26 *	31 *	38 *	28 *
29	36 *		26 *	36 *	36 *	34 *	100 *	32 *	28 *	30 *		27 *
30	40 *		27 *	48 *	34 *	38 *	132 *	30 *	26 *	26 *	28 *	25 *
31	52 *		31 *		35 *		83 *	31 *		25 *		25 *
Nivel Max.	70 *	162 *	84 *	130 *	118 *	140 *	140 *	77 *	60 *	74 *		110 *
Día	4	5	5	2	2	20	30	8	3	27		21
Hora	18	18	7	7	18	18	7	18	18	18		7
Nivel Min.	19 *	30 *	22 *	28 *	33 *	26 *	34 *	29 *	23 *	20 *		22 *
Día	22	28	26	18	30	14	23	30	vv	16		13
Hora	7	7	7	7	18	7	7	18		18		7
Nivel Medio	32	46	31	44	54	43	58	42	29	27	33	30

NOTA: * DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

NIVELES MEDIOS DIARIOS (cm)

2002

HB15 CHALPATAN												
DIA	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	45 *	45 *	50 *	48 *	82 *	94 *	94 *	75 *	55 *	55 *	57 *	55 *
2	45 *	45 *	50 *	48 *	85 *	96 *	92 *	72 *	55 *	55 *	57 *	55 *
3	45 *	45 *	48 *	47 *		96 *	92 *	72 *	56 *	55 *	56 *	55 *
4	45 *	45 *	52 *	56 *	88 *	97 *	91 *	70 *	55 *	55 *	55 *	55 *
5	45 *	45 *	51 *	58 *	88 *	98 *	88 *	70 *	55 *	55 *	55 *	55 *
6	45 *	47 *	51 *	58 *	90 *	98 *	88 *	70 *	55 *	55 *	55 *	55 *
7	45 *	47 *	50 *	60 *	86 *	98 *	86 *	65 *	55 *	55 *	56 *	55 *
8	45 *	46 *	48 *	60 *	84 *	97 *	86 *	65 *	55 *	55 *	55 *	57 *
9	45 *	46 *	48 *	62 *	84 *	98 *	87 *	65 *	55 *	55 *	55 *	56 *
10	48 *	46 *	48 *	63 *	80 *	97 *	86 *	65 *	55 *	55 *	58 *	56 *
11	47 *	45 *	48 *	63 *	83 *	96 *	86 *	65 *	55 *	56 *	57 *	56 *
12	48 *	45 *	48 *	63 *	82 *	98 *	86 *	62 *	55 *	55 *	58 *	64 *
13	48 *	45 *	48 *	62 *	84 *	99 *	87 *	62 *	55 *	55 *	58 *	62 *
14	47 *	45 *	48 *	62 *	83 *	97 *	88 *	61 *	55 *	55 *	56 *	60 *
15	48 *	45 *	48 *	62 *	79 *	99 *	88 *	58 *	55 *	55 *	55 *	58 *
16	46 *	45 *	48 *	61 *	80 *	100 *	85 *	58 *	55 *	55 *	55 *	56 *
17	44 *	45 *		61 *	84 *	98 *	85 *	59 *	55 *	56 *	55 *	56 *
18	45 *	45 *		69 *	80 *	98 *	85 *	58 *	55 *	56 *	55 *	58 *
19	45 *	45 *		74 *	79 *	98 *	85 *	56 *	55 *	57 *	55 *	59 *
20	45 *	45 *		73 *	83 *	98 *	84 *	56 *	55 *	57 *	57 *	59 *
21	45 *	45 *		73 *	83 *	97 *	84 *	56 *	53 *	57 *	57 *	58 *
22	45 *	45 *		73 *	81 *	96 *	84 *	56 *	54 *	56 *	56 *	58 *
23	45 *	45 *		73 *	81 *	96 *	82 *	56 *	54 *	56 *	57 *	57 *
24	45 *	45 *		79 *	80 *	95 *	80 *	55 *	54 *	55 *	57 *	57 *
25	45 *	45 *		79 *	86 *	95 *	80 *	55 *	57 *	58 *	56 *	58 *
26	45 *	45 *		82 *	84 *	95 *	80 *	55 *	57 *	57 *	55 *	58 *
27	45 *	48 *		82 *	86 *	95 *	80 *	55 *	55 *	56 *	56 *	57 *
28	45 *	50 *		81 *	87 *	95 *	76 *	55 *	55 *	58 *	56 *	56 *
29	45 *			82 *	88 *	94 *	77 *	55 *	55 *	57 *	56 *	56 *
30	45 *			82 *	89 *	94 *	76 *	56 *	55 *	58 *	56 *	56 *
31	45 *				94 *			55 *				56 *
Nivel Max.	48 *	50 *		82 *		100 *		75 *	57 *		58 *	69 *
Día	vv	28		vv		16		1	vv		vv	12
Hora		7				7		7				7
Nivel Min.	42 *	45 *		47 *		94 *		54 *	52 *		55 *	55 *
Día	17	vv		3		vv		24	21		vv	vv
Hora	7			17				17	17			
Nivel Medio	45	46		66	84	97	85	61	55	56	56	57

NOTA: * DATOS LIMNIMETRICOS

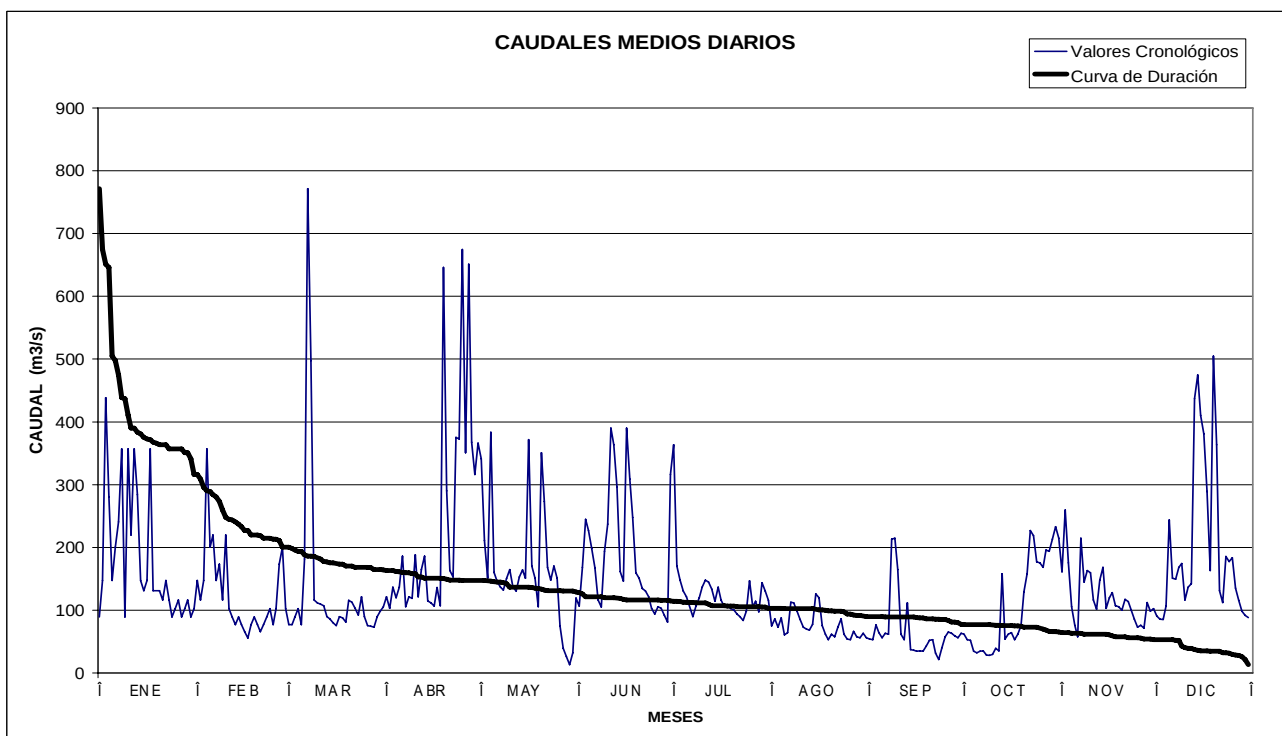
vv = Evento registrado en varios días

CAUDALES MEDIOS DIARIOS (m³/s)

2002

H011	MIRA EN LITA											Area Drenaje:4960 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	89.584 *	147.505 *	102.685 *	105.305 *	366.527 *	119.507 *	316.184 *	115.867 *	56.140 *	63.333 *	215.136 *	102.575 *
2	147.505 *	116.704 *	77.397 *	121.713 *	341.303 *	106.684 *	363.732 *	74.960 *	54.166 *	62.278 *	161.601 *	90.743 *
3	438.719 *	147.505 *	77.397 *	103.250 *	211.332 *	168.529 *	170.273 *	86.338 *	53.193 *	53.193 *	259.897 *	85.722 *
4	280.670 *	357.398 *	89.584 *	136.975 *	151.510 *	244.849 *	148.208 *	73.235 *	76.699 *	52.228 *	175.587 *	85.101 *
5	147.505 *	200.655 *	102.685 *	120.238 *	383.444 *	227.191 *	130.760 *	87.584 *	64.406 *	34.834 *	105.990 *	106.684 *
6	200.655 *	220.233 *	77.397 *	136.975 *	160.089 *	198.636 *	121.713 *	60.716 *	56.140 *	32.534 *	76.115 *	243.788 *
7	240.747 *	147.505 *	182.009 *	186.477 *	145.766 *	167.650 *	105.990 *	64.406 *	63.333 *	34.834 *	58.150 *	151.510 *
8	357.398 *	173.383 *	771.754 *	105.990 *	136.975 *	116.593 *	90.104 *	112.999 *	62.278 *	35.618 *	215.136 *	149.849 *
9	89.584 *	116.704 *	497.682 *	121.713 *	132.300 *	105.305 *	107.373 *	111.579 *	213.159 *	28.879 *	144.952 *	168.520 *
10	357.398 *	220.233 *	116.704 *	118.772 *	150.677 *	193.907 *	120.238 *	99.210 *	215.136 *	28.175 *	163.317 *	174.713 *
11	220.233 *	102.685 *	111.579 *	188.314 *	165.042 *	237.494 *	136.975 *	85.101 *	165.042 *	29.592 *	159.894 *	116.593 *
12	357.398 *	89.584 *	110.168 *	121.713 *	136.975 *	390.128 *	148.208 *	73.235 *	62.278 *	39.675 *	116.662 *	136.975 *
13	284.584 *	77.397 *	107.373 *	165.042 *	130.760 *	363.741 *	144.952 *	69.852 *	53.193 *	35.618 *	101.894 *	142.538 *
14	147.505 *	89.584 *	90.104 *	186.468 *	153.161 *	296.183 *	133.849 *	68.879 *	111.579 *	158.197 *	148.208 *	437.176 *
15	131.643 *	77.397 *	86.338 *	115.150 *	164.181 *	161.740 *	114.428 *	77.872 *	37.214 *	54.166 *	168.520 *	475.007 *
16	147.505 *	66.122 *	80.245 *	111.579 *	151.510 *	146.575 *	136.975 *	126.195 *	36.411 *	62.278 *	103.250 *	410.716 *
17	357.398 *	55.755 *	75.544 *	106.684 *	371.693 *	390.128 *	116.593 *	120.238 *	34.834 *	64.397 *	120.238 *	380.785 *
18	131.643 *	77.397 *	90.104 *	136.193 *	170.273 *	308.987 *	105.990 *	75.535 *	35.618 *	53.193 *	128.484 *	289.062 *
19	131.643 *	89.584 *	87.584 *	107.373 *	151.500 *	248.031 *	107.373 *	62.278 *	34.834 *	62.278 *	107.373 *	163.326 *
20	131.643 *	77.397 *	81.446 *	646.063 *	105.999 *	160.033 *	102.575 *	53.193 *	43.096 *	75.535 *	105.990 *	505.202 *
21	116.704 *	66.122 *	115.867 *	290.212 *	351.087 *	151.510 *	100.548 *	62.278 *	52.228 *	129.229 *	99.881 *	363.741 *
22	147.505 *	77.397 *	112.999 *	163.317 *	273.325 *	134.630 *	93.952 *	57.715 *	53.193 *	158.197 *	117.315 *	131.532 *
23	116.704 *	89.584 *	103.250 *	153.161 *	168.520 *	130.760 *	90.104 *	73.235 *	31.785 *	227.191 *	113.716 *	112.291 *
24	89.584 *	102.685 *	92.660 *	375.662 *	148.208 *	121.713 *	83.901 *	86.338 *	21.622 *	219.117 *	100.557 *	185.845 *
25	102.685 *	77.397 *	121.713 *	373.032 *	170.273 *	103.250 *	98.386 *	62.278 *	40.513 *	177.378 *	85.722 *	177.387 *
26	116.704 *	102.685 *	90.104 *	674.581 *	151.510 *	93.952 *	147.394 *	54.166 *	58.150 *	175.587 *	73.235 *	183.720 *
27	89.584 *	173.383 *	75.535 *	350.945 *	74.981 *	105.990 *	106.082 *	53.193 *	65.470 *	168.520 *	76.119 *	135.417 *
28	102.685 *	200.655 *	74.380 *	651.319 *	39.262 *	103.250 *	114.428 *	66.552 *	63.333 *	195.791 *	71.537 *	115.876 *
29	116.704 *		73.235 *	367.800 *	26.249 *	92.021 *	97.882 *	58.150 *	59.168 *	193.907 *	112.291 *	98.548 *
30	89.584 *		90.104 *	316.184 *	13.578 *	81.446 *	144.148 *	56.140 *	56.140 *	213.159 *	98.548 *	92.021 *
31	102.685 *		99.210 *		32.534 *		130.760 *	63.333 *		233.345 *		88.214 *
Caudal Max.	452.984 *	370.241 *	790.804 *	711.909 *	386.107 *	476.493 *	365.028 *	126.949 *	216.126 *	234.377 *	262.079 *	506.735 *
Día	3	4	8	26	5	19	2	16	10	31	3	20
Hora	7	7	7	7	7	16	7	7	7	7	7	7
Caudal Min.	83.262 *	50.798 *	71.532 *	102.570 *	10.943 *	80.843 *	80.843 *	52.708 *	21.316 *	27.825 *	57.643 *	84.485 *
Día	9	17	2	3	30	30	24	20	24	10	7	3
Hora	16	16	16	16	16	16	16	16	16	16	16	16
Caudal Medio	180.067	126.451	131.124	228.607	171.953	182.347	133.228	77.182	67.678	101.686	126.177	196.812

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



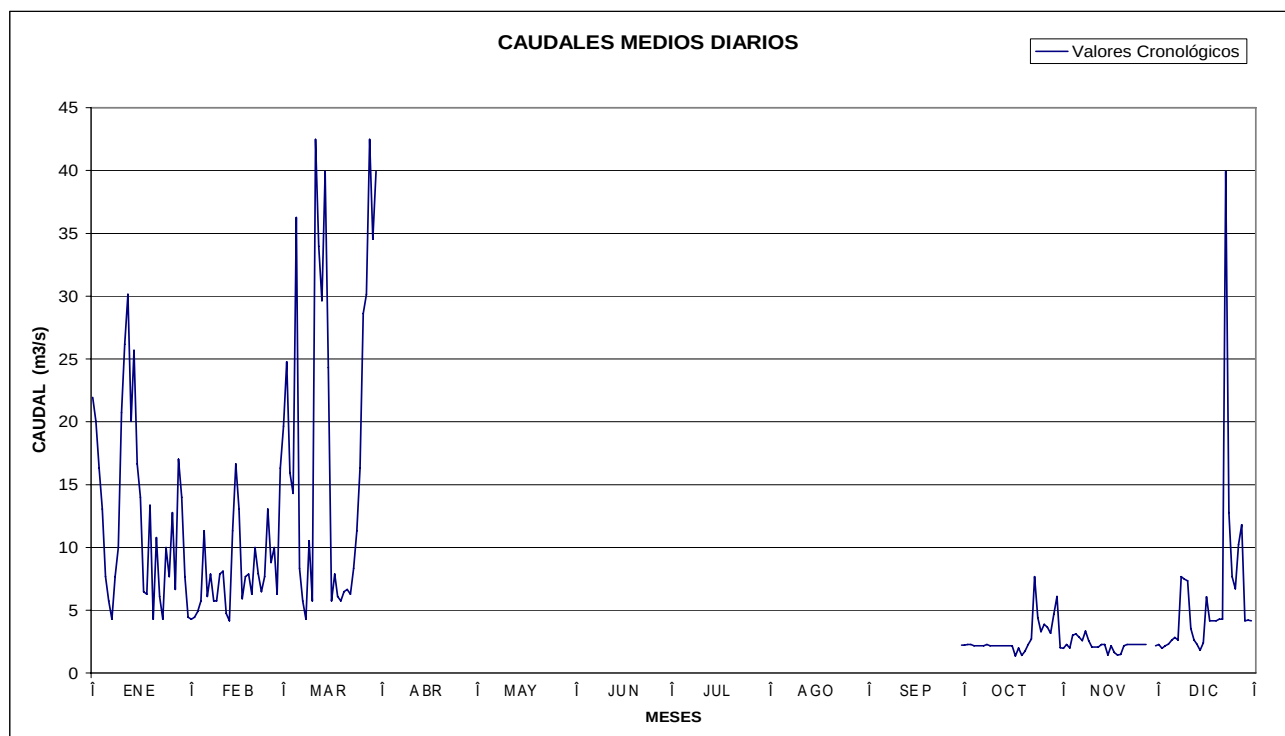
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H013		BLANCO AJ MIRA								Area Drenaje:176 km2			
	DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
	1	21.955 *	4.300 *	16.310 *							2.219 *	2.035 *	2.173 *
	2	20.049 *	4.447 *	19.652 *							2.219 *	1.966 *	2.277 *
	3	16.310 *	4.908 *	24.767 *							2.266 *	2.266 *	1.966 *
	4	13.061 *	5.744 *	15.964 *							2.266 *	1.996 *	2.173 *
	5	7.685 *	11.333 *	14.304 *							2.172 *	3.003 *	2.314 *
	6	5.744 *	6.103 *	36.270 *							2.172 *	3.123 *	2.617 *
	7	4.300 *	7.900 *	8.341 *							2.172 *	2.875 *	2.832 *
	8	7.685 *	5.744 *	5.744 *							2.172 *	2.577 *	2.645 *
	9	10.013 *	5.744 *	4.300 *							2.266 *	3.359 *	7.685 *
	10	20.714 *	7.900 *	10.528 *							2.172 *	2.577 *	7.467 *
	11	26.169 *	8.118 *	5.744 *							2.172 *	2.085 *	7.366 *
	12	30.159 *	4.751 *	42.484 *							2.172 *	2.085 *	3.557 *
	13	20.049 *	4.156 *	33.962 *							2.172 *	2.085 *	2.632 *
	14	25.696 *	11.333 *	29.640 *							2.172 *	2.266 *	2.313 *
	15	16.662 *	16.662 *	39.921 *							2.172 *	2.266 *	1.822 *
	16	13.986 *	13.061 *	24.311 *							2.172 *	1.437 *	2.396 *
	17	6.476 *	5.921 *	5.744 *							2.172 *	2.172 *	6.066 *
	18	6.287 *	7.685 *	7.900 *							1.367 *	1.660 *	4.156 *
	19	13.365 *	7.900 *	6.103 *							2.002 *	1.447 *	4.156 *
	20	4.300 *	6.287 *	5.744 *							1.402 *	1.480 *	4.156 *
	21	10.792 *	10.013 *	6.476 *							1.736 *	2.172 *	4.301 *
	22	6.103 *	7.902 *	6.668 *							2.268 *	2.266 *	4.301 *
	23	4.300 *	6.476 *	6.287 *							2.704 *	2.266 *	39.921 *
	24	10.013 *	7.685 *	8.341 *							7.685 *	2.266 *	12.762 *
	25	7.685 *	13.061 *	11.333 *							4.431 *	2.266 *	7.685 *
	26	12.762 *	8.799 *	16.310 *							3.298 *	2.266 *	6.714 *
	27	6.668 *	10.013 *	28.619 *							3.892 *	2.266 *	10.223 *
	28	17.018 *	6.287 *	30.159 *							3.663 *	2.266 *	11.824 *
	29	13.986 *		42.484 *							3.180 *		4.156 *
	30	7.685 *		34.530 *							4.670 *		4.228 *
	31	4.447 *		39.921 *							6.103 *		4.156 *
	Caudal Max.	30.159 *	16.662 *	42.484 *							7.685 *		39.921 *
	Día	12	15	vv							24		23
	Hora	7	7								7		7
	Caudal Mín.	4.300 *	4.156 *	4.300 *							1.300 *		1.367 *
	Día	vv	13	9							21		3
	Hora		17	17							7		7
	Caudal Medio	12.649	7.865	18.995							2.764	2.242	5.904

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

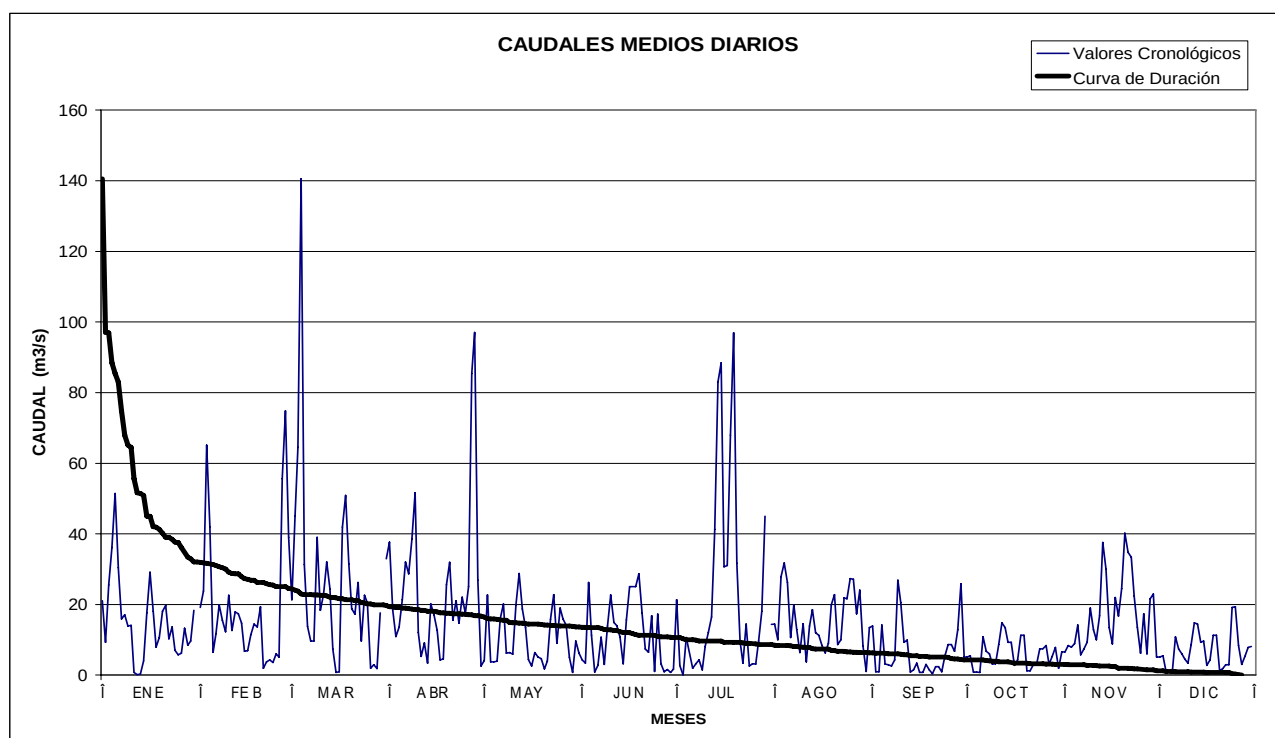


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H015	CHOTA EN PTE. CARRETERA											Area Drenaje: 1810 km ²
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	21.054 *	19.180 *	38.999 *	32.893 *	2.588 *	6.200 *	1.665 *	14.365 *	13.431 *	5.136 *	6.548 *	5.136 *
2	9.235 *	23.767 *	21.374 *	37.604 *	4.108 *	4.315 *	21.344 *	14.426 *	13.892 *	5.136 *	6.570 *	5.136 *
3	25.481 *	65.106 *	45.026 *	18.573 *	22.723 *	3.354 *	2.683 *	10.015 *	0.942 *	5.440 *	8.339 *	5.440 *
4	36.084 *	42.006 *	64.454 *	10.904 *	3.755 *	26.231 *	0.047 *	27.874 *	0.946 *	0.874 *	7.892 *	0.874 *
5	51.401 *	6.434 *	140.502 *	13.531 *	3.755 *	11.244 *	10.629 *	31.752 *	14.162 *	0.874 *	8.939 *	1.023 *
6	30.383 *	11.792 *	31.346 *	21.291 *	3.976 *	0.874 *	6.299 *	26.231 *	3.129 *	0.806 *	14.203 *	0.806 *
7	15.872 *	19.841 *	13.846 *	32.087 *	15.963 *	2.780 *	1.880 *	10.629 *	2.971 *	10.827 *	5.781 *	10.827 *
8	17.070 *	15.545 *	9.620 *	28.656 *	20.153 *	10.730 *	3.198 *	19.903 *	2.574 *	6.728 *	7.416 *	7.396 *
9	13.910 *	12.267 *	9.620 *	38.497 *	6.172 *	3.010 *	4.233 *	12.958 *	4.279 *	6.060 *	9.317 *	6.060 *
10	14.147 *	22.584 *	38.999 *	51.588 *	6.363 *	13.889 *	1.514 *	6.398 *	26.912 *	3.129 *	18.998 *	4.535 *
11	0.806 *	12.610 *	18.313 *	12.039 *	5.925 *	22.694 *	8.081 *	14.508 *	20.503 *	3.252 *	12.852 *	3.379 *
12	0.135 *	17.877 *	22.803 *	5.281 *	19.872 *	14.909 *	12.093 *	3.764 *	9.284 *	8.691 *	10.047 *	8.691 *
13	0.275 *	17.363 *	32.087 *	9.078 *	28.763 *	13.966 *	16.476 *	13.919 *	9.899 *	14.825 *	16.831 *	14.825 *
14	4.010 *	14.739 *	24.444 *	3.419 *	18.642 *	10.831 *	41.289 *	18.489 *	0.839 *	13.434 *	37.553 *	14.384 *
15	17.629 *	6.728 *	7.396 *	20.153 *	13.431 *	3.264 *	82.974 *	11.998 *	1.527 *	9.231 *	30.035 *	9.231 *
16	29.131 *	6.890 *	0.806 *	17.063 *	4.442 *	15.625 *	88.399 *	11.296 *	3.415 *	9.245 *	13.431 *	9.652 *
17	18.120 *	11.472 *	0.946 *	12.590 *	2.588 *	25.081 *	30.687 *	8.339 *	0.806 *	2.784 *	8.801 *	2.784 *
18	7.900 *	14.404 *	41.890 *	4.309 *	6.397 *	25.081 *	30.998 *	6.299 *	0.806 *	4.262 *	21.963 *	4.262 *
19	10.654 *	13.596 *	50.883 *	4.535 *	5.126 *	25.081 *	67.930 *	8.979 *	3.010 *	11.300 *	16.686 *	11.300 *
20	18.070 *	19.319 *	31.498 *	25.596 *	4.654 *	28.645 *	96.938 *	19.920 *	1.511 *	11.300 *	24.479 *	11.300 *
21	19.658 *	1.941 *	18.838 *	31.902 *	1.822 *	17.550 *	31.679 *	22.756 *	0.410 *	1.257 *	40.191 *	1.257 *
22	10.287 *	3.766 *	17.283 *	15.545 *	3.958 *	7.415 *	9.623 *	8.630 *	2.369 *	1.257 *	34.745 *	1.757 *
23	13.662 *	4.305 *	26.250 *	21.095 *	15.804 *	6.512 *	3.379 *	9.966 *	2.369 *	2.895 *	33.437 *	2.895 *
24	6.985 *	3.566 *	9.620 *	14.704 *	22.756 *	16.817 *	14.384 *	21.871 *	0.960 *	2.895 *	22.428 *	2.895 *
25	5.759 *	6.060 *	22.588 *	22.006 *	9.041 *	1.086 *	2.558 *	21.613 *	5.440 *	7.347 *	13.528 *	19.180 *
26	6.229 *	5.136 *	20.485 *	17.484 *	18.990 *	17.283 *	3.248 *	27.323 *	8.706 *	7.487 *	6.242 *	19.319 *
27	13.306 *	55.628 *	1.933 *	25.044 *	15.920 *	3.248 *	3.129 *	27.106 *	8.706 *	8.365 *	17.395 *	8.365 *
28	8.476 *	74.822 *	2.895 *	85.409 *	14.096 *	0.970 *	9.620 *	17.395 *	6.755 *	3.039 *	6.025 *	3.039 *
29	9.620 *		1.847 *	97.050 *	5.030 *	1.573 *	18.060 *	24.041 *	12.860 *	5.353 *	21.638 *	5.353 *
30	18.313 *		17.615 *	26.906 *	0.806 *	0.806 *	45.029 *	8.314 *	25.845 *	7.769 *	22.947 *	7.769 *
31					9.620 *			1.023 *		1.933 *		8.105 *
Caudal Max.												
Día												
Hora												
Caudal Min.												
Día												
Hora												
Caudal Medio	15.122	18.884	26.140	25.228	10.233	11.369	22.335	15.552	6.975	5.901	16.842	6.999

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



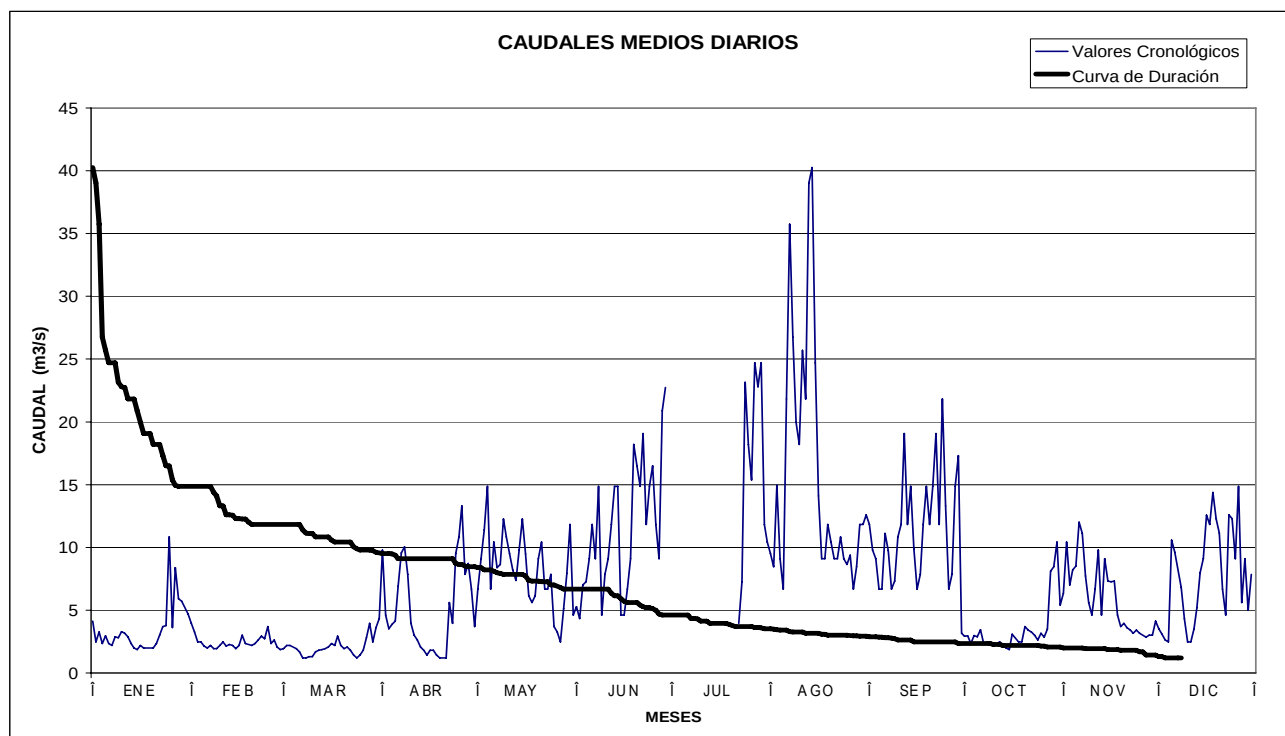
CAUDALES MEDIOS DIARIOS (m³/s)

2002

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	4.143 *	3.964 *	1.872 *	4.330 *	3.708 *	4.622 *		10.443 *	12.604 *	3.192 *	5.408 *	4.143 *
2	2.494 *	3.273 *	1.937 *	9.800 *	6.706 *	5.304 *		9.523 *	11.846 *	2.952 *	6.363 *	3.529 *
3	3.273 *	2.494 *	2.208 *	4.622 *	9.118 *	4.330 *		8.475 *	9.800 *	2.967 *	10.443 *	3.112 *
4	2.351 *	2.494 *	2.208 *	3.529 *	11.409 *	7.039 *		14.951 *	9.118 *	2.351 *	7.039 *	2.644 *
5	2.975 *	2.139 *	2.072 *	3.873 *	14.877 *	7.275 *		9.118 *	6.706 *	2.996 *	8.229 *	2.494 *
6	2.351 *	2.004 *	1.937 *	4.143 *	6.706 *	9.118 *		6.706 *	6.706 *	2.884 *	8.515 *	10.577 *
7	2.208 *	2.208 *	1.682 *	6.926 *	10.443 *	11.846 *		21.818 *	11.125 *	3.447 *	12.018 *	9.629 *
8	2.884 *	1.937 *	1.219 *	9.575 *	8.399 *	9.118 *		35.757 *	9.761 *	2.351 *	11.125 *	8.229 *
9	2.802 *	1.937 *	1.219 *	10.053 *	8.634 *	14.877 *		26.754 *	6.706 *	2.494 *	7.739 *	6.823 *
10	3.319 *	2.208 *	1.331 *	7.872 *	12.273 *	4.622 *		19.975 *	7.309 *	2.494 *	5.622 *	4.318 *
11	3.192 *	2.494 *	1.331 *	3.964 *	10.848 *	7.872 *		18.204 *	10.848 *	2.208 *	4.622 *	2.494 *
12	2.884 *	2.139 *	1.682 *	3.034 *	9.504 *	9.118 *		25.712 *	11.846 *	2.349 *	6.706 *	2.494 *
13	2.351 *	2.278 *	1.808 *	2.644 *	8.229 *	11.846 *		21.818 *	19.072 *	2.494 *	9.800 *	3.529 *
14	2.008 *	2.208 *	1.872 *	2.072 *	7.386 *	14.877 *		39.020 *	11.846 *	2.278 *	4.622 *	5.202 *
15	1.872 *	1.937 *	1.945 *	1.808 *	9.800 *	14.877 *		40.260 *	14.877 *	2.004 *	9.118 *	7.985 *
16	2.215 *	2.208 *	2.072 *	1.442 *	12.273 *	4.622 *		24.704 *	9.895 *	1.872 *	7.309 *	9.118 *
17	2.008 *	3.034 *	2.351 *	1.808 *	9.499 *	4.622 *		14.119 *	6.706 *	3.112 *	7.269 *	12.580 *
18	2.008 *	2.351 *	2.208 *	1.808 *	6.143 *	6.706 *		9.118 *	7.872 *	2.795 *	7.309 *	11.846 *
19	2.008 *	2.278 *	2.952 *	1.442 *	5.622 *	9.118 *		9.118 *	11.846 *	2.494 *	4.622 *	14.396 *
20	2.008 *	2.208 *	2.208 *	1.219 *	6.143 *	18.204 *		11.846 *	14.877 *	2.494 *	3.708 *	12.296 *
21	2.351 *	2.351 *	1.937 *	1.219 *	9.118 *	16.504 *		10.443 *	11.846 *	3.698 *	3.964 *	11.164 *
22	3.034 *	2.644 *	2.072 *	1.219 *	10.443 *	14.877 *		9.118 *	14.877 *	3.440 *	3.612 *	6.706 *
23	3.708 *	2.952 *	1.809 *	5.622 *	6.706 *	19.072 *	3.964 *	9.109 *	19.072 *	3.273 *	3.442 *	4.622 *
24	3.785 *	2.741 *	1.442 *	3.964 *	6.706 *	11.846 *	7.269 *	10.848 *	11.846 *	3.030 *	3.192 *	12.604 *
25	10.848 *	3.708 *	1.219 *	9.523 *	7.872 *	14.877 *	23.163 *	9.118 *	21.818 *	2.644 *	3.440 *	12.296 *
26	3.627 *	2.351 *	1.450 *	10.848 *	3.708 *	16.504 *	18.204 *	8.634 *	13.324 *	3.192 *	3.192 *	9.118 *
27	8.383 *	2.644 *	1.809 *	13.324 *	3.273 *	11.846 *	15.372 *	9.386 *	6.706 *	2.873 *	3.030 *	14.877 *
28	5.930 *	2.072 *	2.802 *	7.872 *	2.494 *	9.118 *	24.704 *	6.706 *	7.872 *	3.505 *	2.873 *	5.622 *
29	5.716 *		3.964 *	8.728 *	5.143 *	20.879 *	22.792 *	8.475 *	14.877 *	8.113 *	3.030 *	9.118 *
30	5.202 *		2.494 *	6.706 *	7.952 *	22.757 *	24.704 *	11.846 *	17.336 *	8.475 *	3.030 *	5.002 *
31	4.709 *		3.627 *		11.846 *		11.846 *	11.846 *		10.443 *		7.872 *
Caudal Max.	11.125 *	4.143 *	4.143 *	14.082 *	15.672 *	22.757 *		42.708 *	22.757 *	11.125 *	13.467 *	15.672 *
Día	25	1	31	27	5	30		15	25	29	7	27
Hora	18	6	6	6	17	6		18	18	6	6	6
Caudal Min.	1.807 *	1.937 *	1.219 *	1.219 *	2.494 *	4.143 *		6.143 *	6.143 *	1.807 *	2.794 *	2.494 *
Día	5	vv	vv	vv	28	1		6	5	16	28	vv
Hora	6				7	6		6	6	18	18	
Caudal Medio	3.505	2.473	2.024	5.166	8.161	11.276		15.580	11.698	3.384	6.013	7.627

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



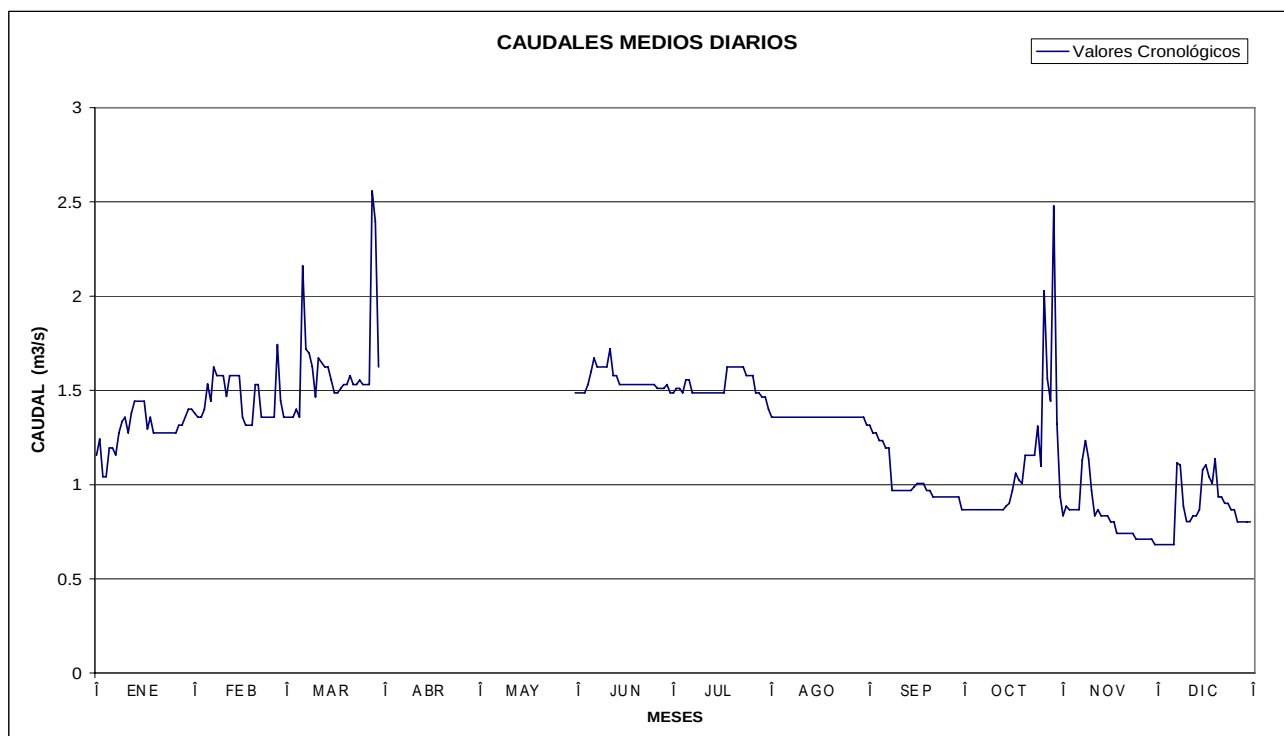
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H026		ITAMBI EN L.S.PABLO										Area Drenaje:90 km2	
DIA		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		1.155 *	1.378 *	1.357 *			1.487 *	1.487 *	1.400 *	1.315 *	0.868 *	0.936 *	0.682 *
2		1.242 *	1.357 *	1.357 *			1.487 *	1.487 *	1.357 *	1.315 *	0.868 *	0.835 *	0.682 *
3		1.042 *	1.357 *	1.357 *			1.487 *	1.510 *	1.357 *	1.274 *	0.868 *	0.885 *	0.682 *
4		1.042 *	1.400 *	1.357 *			1.487 *	1.510 *	1.357 *	1.274 *	0.868 *	0.868 *	0.682 *
5		1.194 *	1.534 *	1.400 *			1.532 *	1.487 *	1.357 *	1.233 *	0.868 *	0.868 *	0.682 *
6		1.194 *	1.443 *	1.357 *			1.601 *	1.556 *	1.357 *	1.233 *	0.868 *	0.868 *	0.682 *
7		1.158 *	1.624 *	2.161 *			1.671 *	1.556 *	1.357 *	1.194 *	0.868 *	0.868 *	0.682 *
8		1.274 *	1.578 *	1.719 *			1.624 *	1.487 *	1.357 *	1.194 *	0.868 *	1.129 *	1.114 *
9		1.336 *	1.578 *	1.697 *			1.624 *	1.487 *	1.357 *	0.970 *	0.868 *	1.234 *	1.105 *
10		1.357 *	1.578 *	1.626 *			1.624 *	1.487 *	1.357 *	0.970 *	0.868 *	1.136 *	0.885 *
11		1.274 *	1.467 *	1.465 *			1.624 *	1.487 *	1.357 *	0.970 *	0.868 *	0.970 *	0.804 *
12		1.379 *	1.578 *	1.671 *			1.721 *	1.487 *	1.357 *	0.970 *	0.868 *	0.835 *	0.804 *
13		1.443 *	1.578 *	1.648 *			1.578 *	1.487 *	1.357 *	0.970 *	0.868 *	0.868 *	0.835 *
14		1.443 *	1.578 *	1.624 *			1.578 *	1.487 *	1.357 *	0.970 *	0.868 *	0.835 *	0.835 *
15		1.443 *	1.578 *	1.624 *			1.532 *	1.487 *	1.357 *	0.970 *	0.885 *	0.835 *	0.868 *
16		1.443 *	1.357 *	1.556 *			1.532 *	1.487 *	1.357 *	0.988 *	0.901 *	0.835 *	1.079 *
17		1.294 *	1.315 *	1.487 *			1.532 *	1.487 *	1.357 *	1.006 *	0.971 *	0.803 *	1.105 *
18		1.358 *	1.315 *	1.487 *			1.532 *	1.487 *	1.357 *	1.006 *	1.060 *	0.803 *	1.042 *
19		1.274 *	1.315 *	1.510 *			1.532 *	1.624 *	1.357 *	1.006 *	1.024 *	0.741 *	1.006 *
20		1.274 *	1.532 *	1.532 *			1.532 *	1.624 *	1.357 *	0.970 *	1.006 *	0.741 *	1.138 *
21		1.274 *	1.532 *	1.532 *			1.532 *	1.624 *	1.357 *	0.970 *	1.155 *	0.741 *	0.935 *
22		1.274 *	1.357 *	1.578 *			1.532 *	1.624 *	1.357 *	0.935 *	1.155 *	0.741 *	0.935 *
23		1.274 *	1.357 *	1.532 *			1.532 *	1.624 *	1.357 *	0.935 *	1.155 *	0.741 *	0.901 *
24		1.274 *	1.357 *	1.532 *			1.532 *	1.624 *	1.357 *	0.935 *	1.155 *	0.741 *	0.901 *
25		1.274 *	1.357 *	1.555 *			1.532 *	1.578 *	1.357 *	0.935 *	1.310 *	0.711 *	0.868 *
26		1.274 *	1.357 *	1.532 *			1.532 *	1.578 *	1.357 *	0.935 *	1.098 *	0.711 *	0.868 *
27		1.315 *	1.743 *	1.532 *			1.510 *	1.578 *	1.357 *	0.935 *	2.028 *	0.711 *	0.803 *
28		1.315 *	1.445 *	1.532 *			1.510 *	1.487 *	1.357 *	0.935 *	1.562 *	0.711 *	0.803 *
29		1.357 *		2.559 *			1.510 *	1.487 *	1.357 *	0.935 *	1.443 *	0.711 *	0.803 *
30		1.400 *		2.395 *			1.532 *	1.465 *	1.357 *	0.935 *	2.479 *	0.711 *	0.803 *
31		1.400 *		1.624 *				1.465 *	1.357 *		1.324 *		0.803 *
Caudal Max.		1.443 *	1.768 *	3.586 *			1.817 *	1.624 *	1.443 *	1.315 *	3.514 *	1.357 *	1.487 *
Día		vv	27	29			12	vv	1	vv	30	8	8
Hora			7	18			7		7		18	18	16
Caudal Min.		1.042 *	1.315 *	1.357 *			1.487 *	1.443 *	1.357 *	0.935 *	0.868 *	0.711 *	0.682 *
Día		vv	vv	vv			vv	30	vv	vv	vv	vv	vv
Hora								18					
Caudal Medio		1.292	1.462	1.610			1.552	1.527	1.358	1.039	1.092	0.838	0.865

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



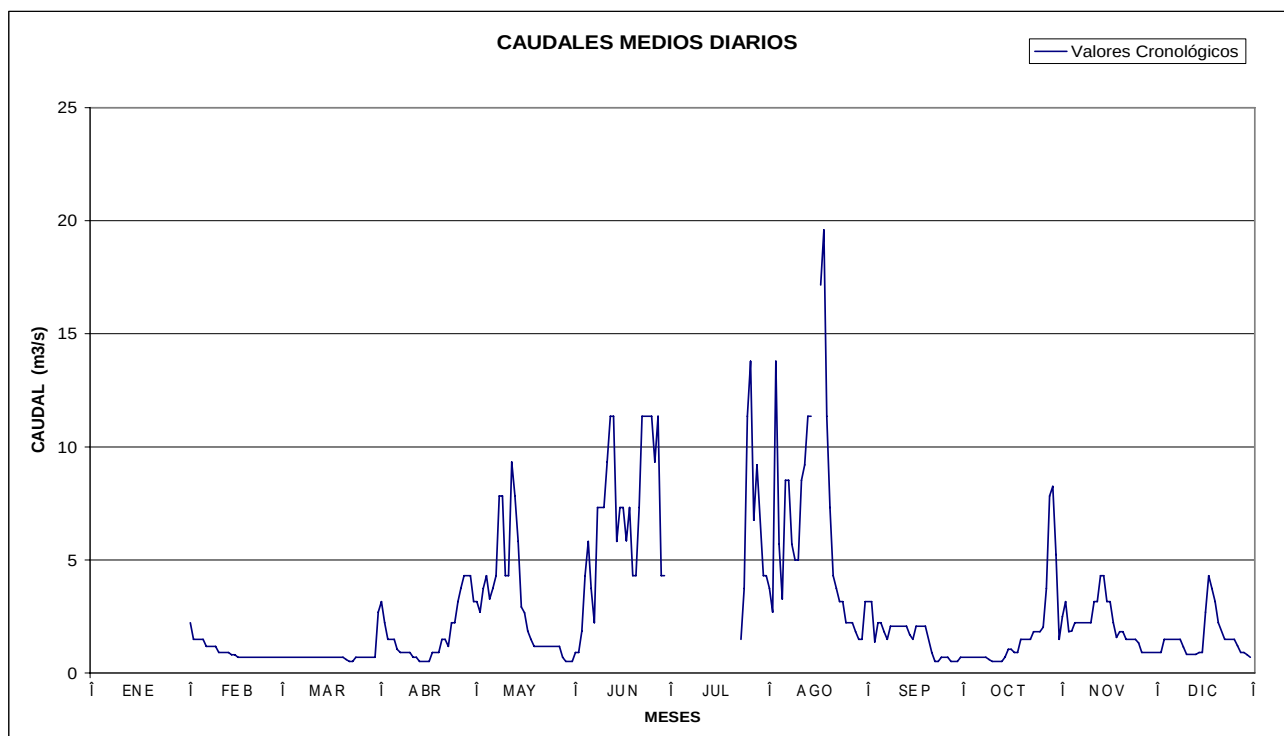
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H045	APAQUI DJ MINAS											Area Drenaje:315 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		2.231 *	0.699 *	2.700 *	3.169 *	0.513 *		4.318 *	3.169 *	0.699 *	1.488 *	0.921 *
2		1.488 *	0.699 *	3.169 *	3.169 *	0.921 *		3.744 *	3.169 *	0.699 *	2.503 *	0.921 *
3		1.488 *	0.699 *	2.231 *	2.700 *	0.921 *		2.700 *	3.169 *	0.699 *	3.169 *	0.921 *
4		1.488 *	0.699 *	1.488 *	3.744 *	1.859 *		13.791 *	1.372 *	0.699 *	1.836 *	1.488 *
5		1.488 *	0.699 *	1.488 *	4.318 *	4.318 *		5.696 *	2.231 *	0.699 *	1.859 *	1.488 *
6		1.184 *	0.699 *	1.488 *	3.275 *	5.818 *		3.275 *	2.231 *	0.699 *	2.231 *	1.488 *
7		1.184 *	0.699 *	1.053 *	3.744 *	3.744 *		8.523 *	1.836 *	0.699 *	2.231 *	1.488 *
8		1.184 *	0.699 *	0.921 *	4.318 *	2.231 *		8.523 *	1.488 *	0.699 *	2.231 *	1.488 *
9		1.184 *	0.699 *	0.921 *	7.834 *	7.317 *		5.696 *	2.067 *	0.699 *	2.231 *	1.488 *
10		0.921 *	0.699 *	0.921 *	7.834 *	7.317 *		5.007 *	2.067 *	0.606 *	2.231 *	1.158 *
11		0.921 *	0.699 *	0.921 *	4.318 *	7.317 *		5.007 *	2.067 *	0.513 *	2.231 *	0.828 *
12		0.921 *	0.699 *	0.699 *	4.318 *	9.334 *		8.523 *	2.067 *	0.513 *	3.169 *	0.828 *
13		0.921 *	0.699 *	0.699 *	9.334 *	11.351 *		9.197 *	2.067 *	0.513 *	3.169 *	0.828 *
14		0.810 *	0.699 *	0.513 *	7.834 *	11.351 *		11.351 *	2.067 *	0.513 *	4.318 *	0.828 *
15		0.810 *	0.699 *	0.513 *	5.818 *	5.818 *		11.351 *	1.700 *	0.717 *	4.318 *	0.921 *
16		0.699 *	0.699 *	0.513 *	2.922 *	7.317 *			1.488 *	1.053 *	3.169 *	0.921 *
17		0.699 *	0.699 *	0.513 *	2.674 *	7.317 *			2.067 *	1.053 *	3.169 *	2.700 *
18		0.699 *	0.699 *	0.921 *	1.859 *	5.847 *		17.161 *	2.067 *	0.921 *	2.231 *	4.318 *
19		0.699 *	0.699 *	0.921 *	1.488 *	7.317 *		19.588 *	2.067 *	0.921 *	1.576 *	3.744 *
20		0.699 *	0.699 *	0.921 *	1.184 *	4.318 *		11.351 *	2.067 *	1.488 *	1.836 *	3.169 *
21		0.699 *	0.699 *	1.488 *	1.184 *	4.318 *		7.317 *	1.488 *	1.488 *	1.836 *	2.231 *
22		0.699 *	0.606 *	1.488 *	1.184 *	7.317 *		4.318 *	0.921 *	1.488 *	1.488 *	1.859 *
23		0.699 *	0.513 *	1.184 *	1.184 *	11.351 *		3.744 *	0.513 *	1.488 *	1.488 *	1.488 *
24		0.699 *	0.513 *	2.231 *	1.184 *	11.351 *	1.488 *	3.169 *	0.513 *	1.836 *	1.488 *	1.488 *
25		0.699 *	0.699 *	2.231 *	1.184 *	11.351 *	3.744 *	3.169 *	0.699 *	1.836 *	1.488 *	1.488 *
26		0.699 *	0.699 *	3.169 *	1.184 *	11.351 *	11.351 *	2.231 *	0.699 *	1.836 *	1.336 *	1.488 *
27		0.699 *	0.699 *	3.744 *	1.184 *	9.334 *	13.791 *	2.231 *	0.699 *	2.034 *	0.921 *	1.205 *
28		0.699 *	0.699 *	4.318 *	1.184 *	11.351 *	6.758 *	2.231 *	0.513 *	3.744 *	0.921 *	0.921 *
29			0.699 *	4.318 *	0.699 *	4.318 *	9.197 *	1.836 *	0.513 *	7.834 *	0.921 *	0.921 *
30			0.699 *	4.318 *	0.513 *	4.318 *	6.758 *	1.488 *	0.513 *	8.257 *	0.921 *	0.810 *
31			0.699 *		0.513 *		4.318 *	1.488 *		5.243 *		0.699 *
Caudal Max.		2.231 *	0.699 *	4.318 *	11.350 *	11.350 *			3.169 *	11.350 *	4.318 *	4.318 *
Día		1			13	13				29		18
Hora		6	vv	vv	6	6			vv	18	vv	6
Caudal Min.		0.699 *	0.513 *	0.513 *	0.513 *	0.513 *			0.513 *	0.513 *	0.921 *	0.699 *
Día		vv	vv	vv	vv	1			vv	vv	vv	30
Hora						18						18
Caudal Medio		0.975	0.684	1.733	3.131	6.620		6.484	1.653	1.683	2.133	1.501

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



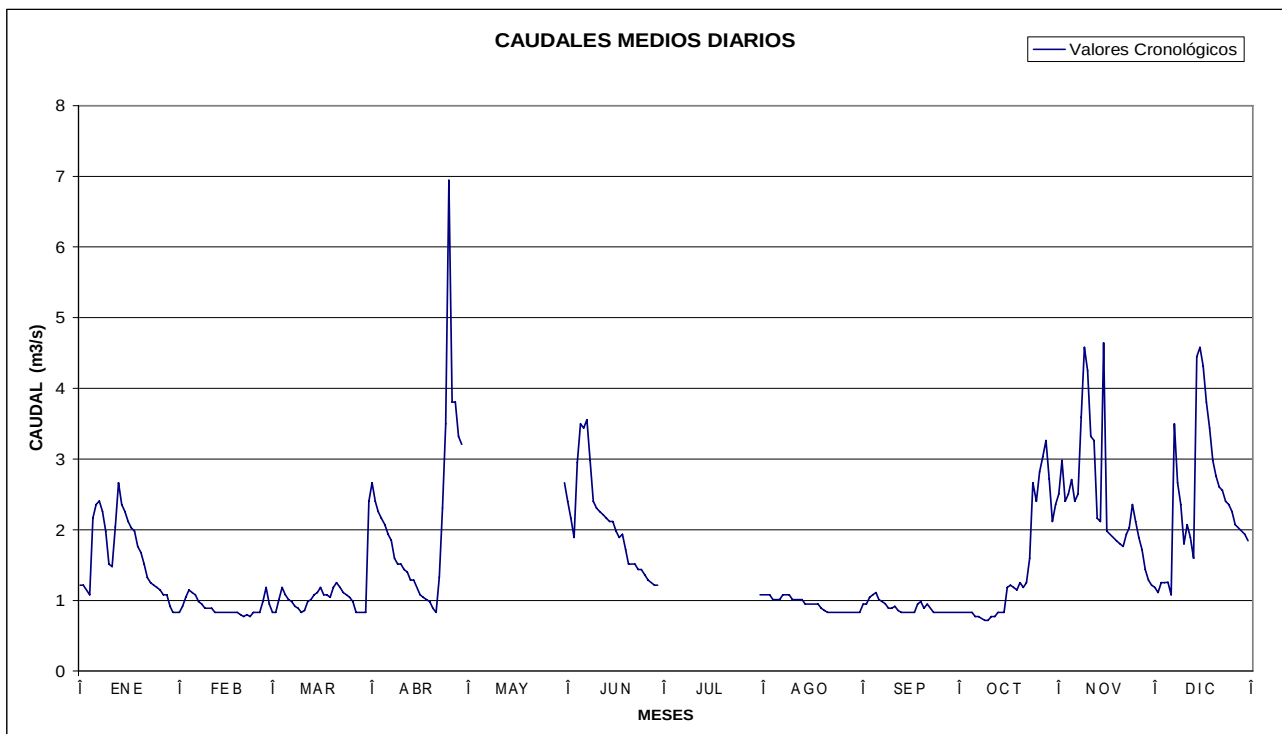
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H091	GRANDE AJ JATIVA											Area Drenaje:54 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.216 *	0.829 *	0.950 *	2.404 *		2.664 *		1.079 *	0.829 *	0.829 *	2.355 *	1.216 *
2	1.216 *	0.919 *	0.829 *	2.664 *		2.404 *		1.079 *	0.950 *	0.829 *	2.505 *	1.182 *
3	1.147 *	1.046 *	0.829 *	2.404 *		2.163 *		1.079 *	0.950 *	0.829 *	2.979 *	1.113 *
4	1.079 *	1.147 *	1.014 *	2.258 *		1.891 *		1.079 *	1.046 *	0.829 *	2.404 *	1.252 *
5	2.169 *	1.113 *	1.182 *	2.163 *		2.949 *		1.013 *	1.079 *	0.829 *	2.505 *	1.252 *
6	2.355 *	1.079 *	1.079 *	2.070 *		3.499 *		1.013 *	1.113 *	0.829 *	2.710 *	1.258 *
7	2.405 *	0.982 *	1.013 *	1.935 *		3.436 *		1.013 *	1.013 *	0.771 *	2.404 *	1.079 *
8	2.258 *	0.950 *	0.982 *	1.848 *		3.555 *		1.079 *	0.982 *	0.771 *	2.505 *	3.495 *
9	1.980 *	0.888 *	0.919 *	1.596 *		2.979 *		1.079 *	0.951 *	0.744 *	3.595 *	2.664 *
10	1.515 *	0.888 *	0.888 *	1.515 *		2.404 *		1.079 *	0.888 *	0.716 *	4.579 *	2.355 *
11	1.476 *	0.888 *	0.829 *	1.515 *		2.307 *		1.013 *	0.888 *	0.716 *	4.249 *	1.797 *
12	2.041 *	0.829 *	0.859 *	1.438 *		2.258 *		1.013 *	0.919 *	0.771 *	3.318 *	2.073 *
13	2.664 *	0.829 *	0.982 *	1.400 *		2.210 *		1.013 *	0.859 *	0.771 *	3.260 *	1.891 *
14	2.355 *	0.829 *	1.013 *	1.288 *		2.163 *		1.013 *	0.829 *	0.829 *	2.163 *	1.596 *
15	2.258 *	0.829 *	1.079 *	1.288 *		2.116 *		0.950 *	0.829 *	0.829 *	2.116 *	4.450 *
16	2.116 *	0.829 *	1.113 *	1.182 *		2.116 *		0.950 *	0.829 *	0.829 *	4.645 *	4.579 *
17	2.025 *	0.829 *	1.182 *	1.079 *		1.980 *		0.950 *	0.829 *	1.182 *	1.980 *	4.313 *
18	1.980 *	0.829 *	1.079 *	1.046 *		1.891 *		0.950 *	0.829 *	1.216 *	1.935 *	3.805 *
19	1.761 *	0.829 *	1.079 *	1.013 *		1.935 *		0.950 *	0.950 *	1.182 *	1.891 *	3.436 *
20	1.678 *	0.800 *	1.046 *	0.982 *		1.719 *		0.888 *	0.982 *	1.147 *	1.847 *	2.979 *
21	1.515 *	0.771 *	1.182 *	0.888 *		1.515 *		0.859 *	0.888 *	1.252 *	1.804 *	2.763 *
22	1.325 *	0.800 *	1.252 *	0.829 *		1.515 *		0.829 *	0.950 *	1.182 *	1.761 *	2.606 *
23	1.252 *	0.771 *	1.182 *	1.331 *		1.515 *		0.829 *	0.888 *	1.252 *	1.936 *	2.555 *
24	1.216 *	0.829 *	1.113 *	2.307 *		1.438 *		0.829 *	0.829 *	1.596 *	2.026 *	2.404 *
25	1.182 *	0.829 *	1.079 *	3.495 *		1.438 *		0.829 *	0.829 *	2.664 *	2.355 *	2.355 *
26	1.147 *	0.829 *	1.046 *	6.943 *		1.362 *		0.829 *	0.829 *	2.404 *	2.117 *	2.258 *
27	1.079 *	0.982 *	0.982 *	3.805 *		1.288 *		0.829 *	0.829 *	2.817 *	1.891 *	2.070 *
28	1.079 *	1.182 *	0.829 *	3.805 *		1.252 *		0.829 *	0.829 *	3.035 *	1.721 *	2.025 *
29	0.919 *		0.829 *	3.318 *		1.216 *		0.829 *	0.829 *	3.264 *	1.439 *	1.980 *
30	0.829 *		0.829 *	3.209 *		1.216 *		0.829 *	0.829 *	2.719 *	1.289 *	1.935 *
31	0.829 *		0.829 *					0.829 *		2.117 *		1.847 *
Caudal Max.	2.924 *	1.216 *	1.288 *	7.611 *		3.737 *		1.079 *	1.147 *	3.494 *	7.265 *	4.785 *
Día	13	28	22	26		6		vv	6	29	16	15
Hora	7	17	17	7		17			7	17	7	17
Caudal Min.	0.829 *	0.771 *	0.829 *	0.829 *		1.216 *		0.829 *	0.829 *	0.716 *	1.216 *	1.079 *
Día	vv	vv	vv	22		vv		vv	vv	vv	30	7
Hora				17							17	7
Caudal Medio	1.615	0.898	1.003	2.101		2.080		0.949	0.902	1.347	2.476	2.341

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



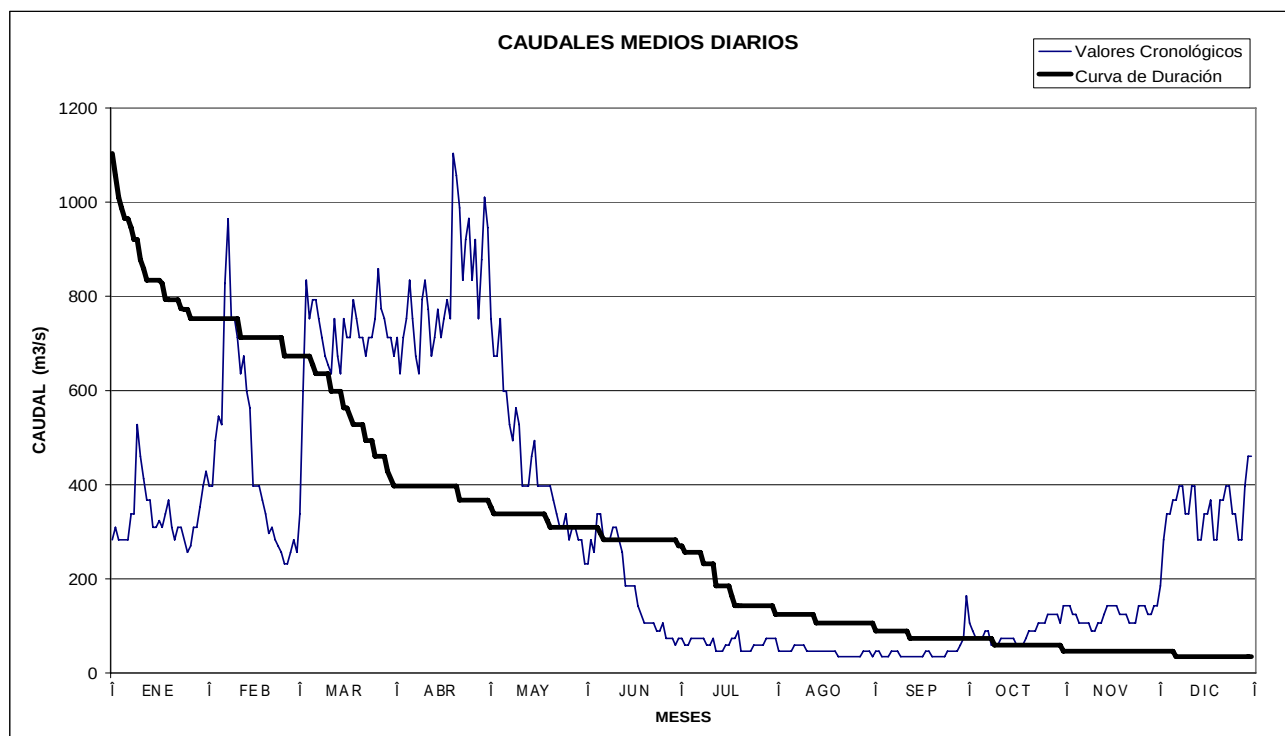
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H138	BLANCO DJ TOACHI(PTE.UNICOOP)											Area Drenaje:2140 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	282.881 *	397.221 *	256.916 *	673.786 *	945.644 *	232.027 *	73.909 *	73.909 *	35.120 *	164.560 *	143.576 *	143.576 *	*
2	309.908 *	397.221 *	337.982 *	712.658 *	752.458 *	232.027 *	73.909 *	46.687 *	46.687 *	106.294 *	143.576 *	185.544 *	*
3	282.881 *	493.633 *	598.859 *	635.851 *	673.786 *	282.881 *	59.633 *	46.687 *	46.687 *	89.474 *	143.576 *	282.881 *	*
4	282.881 *	545.281 *	834.814 *	712.658 *	673.786 *	256.916 *	59.633 *	46.687 *	35.120 *	73.909 *	124.337 *	337.982 *	*
5	282.881 *	527.742 *	752.458 *	752.458 *	752.458 *	337.982 *	73.909 *	46.687 *	35.120 *	73.909 *	124.337 *	337.982 *	*
6	282.881 *	827.667 *	793.179 *	834.814 *	598.859 *	337.982 *	73.909 *	46.687 *	35.120 *	73.909 *	106.294 *	367.091 *	*
7	337.982 *	965.138 *	793.179 *	752.458 *	598.859 *	282.881 *	73.909 *	59.633 *	46.687 *	89.474 *	106.294 *	367.091 *	*
8	337.982 *	752.458 *	752.458 *	673.786 *	527.742 *	282.881 *	73.909 *	59.633 *	46.687 *	89.474 *	106.294 *	397.221 *	*
9	528.226 *	752.458 *	712.658 *	635.851 *	493.633 *	282.881 *	73.909 *	59.633 *	46.687 *	59.633 *	106.294 *	397.221 *	*
10	460.503 *	712.658 *	673.786 *	793.636 *	562.820 *	309.908 *	59.633 *	59.633 *	35.120 *	59.633 *	89.474 *	337.982 *	*
11	412.792 *	635.851 *	654.819 *	834.814 *	527.742 *	309.908 *	59.633 *	46.687 *	35.120 *	59.633 *	89.474 *	337.982 *	*
12	367.091 *	673.786 *	635.851 *	772.818 *	397.221 *	282.881 *	73.909 *	46.687 *	35.120 *	73.909 *	106.294 *	397.221 *	*
13	367.091 *	598.859 *	752.458 *	673.786 *	397.221 *	256.916 *	46.687 *	46.687 *	35.120 *	73.909 *	106.294 *	397.221 *	*
14	309.908 *	562.820 *	673.786 *	712.658 *	397.221 *	185.544 *	46.687 *	46.687 *	35.120 *	73.909 *	124.337 *	282.881 *	*
15	309.908 *	397.221 *	635.851 *	772.818 *	460.503 *	185.544 *	46.687 *	46.687 *	35.120 *	73.909 *	143.576 *	282.881 *	*
16	323.945 *	397.221 *	752.458 *	712.658 *	493.633 *	185.544 *	59.633 *	46.687 *	35.120 *	73.909 *	143.576 *	337.982 *	*
17	309.908 *	397.221 *	712.658 *	752.458 *	397.221 *	185.544 *	59.633 *	46.687 *	35.120 *	59.633 *	143.576 *	337.982 *	*
18	337.982 *	367.091 *	712.658 *	793.179 *	397.221 *	143.576 *	73.909 *	46.687 *	35.120 *	46.687 *	59.633 *	367.091 *	*
19	367.091 *	337.982 *	793.179 *	752.458 *	397.221 *	124.337 *	73.909 *	46.687 *	46.687 *	59.633 *	124.337 *	282.881 *	*
20	309.908 *	296.395 *	752.458 *	1103.461 *	397.221 *	106.294 *	89.474 *	46.687 *	35.120 *	73.909 *	124.337 *	282.881 *	*
21	282.881 *	309.908 *	712.658 *	1056.475 *	397.221 *	106.294 *	46.687 *	35.120 *	35.120 *	89.474 *	124.337 *	367.091 *	*
22	309.908 *	282.881 *	712.658 *	987.752 *	367.091 *	106.294 *	46.687 *	35.120 *	35.120 *	89.474 *	106.294 *	367.091 *	*
23	309.908 *	269.899 *	673.786 *	834.814 *	337.982 *	106.294 *	46.687 *	35.120 *	35.120 *	89.474 *	106.294 *	397.221 *	*
24	282.881 *	256.916 *	712.658 *	920.800 *	309.908 *	89.474 *	46.687 *	35.120 *	35.120 *	106.294 *	106.294 *	397.221 *	*
25	256.916 *	232.027 *	712.658 *	965.583 *	309.908 *	89.474 *	59.633 *	35.120 *	46.687 *	106.294 *	143.576 *	337.982 *	*
26	269.899 *	232.027 *	752.458 *	834.814 *	337.982 *	106.294 *	59.633 *	35.120 *	46.687 *	106.294 *	143.576 *	337.982 *	*
27	309.908 *	256.916 *	858.798 *	920.800 *	282.881 *	73.909 *	59.633 *	35.120 *	46.687 *	124.337 *	143.576 *	282.881 *	*
28	309.908 *	282.881 *	773.736 *	752.458 *	309.908 *	73.909 *	59.633 *	35.120 *	46.687 *	124.337 *	124.337 *	282.881 *	*
29	352.536 *		752.458 *	877.807 *	309.908 *	73.909 *	73.909 *	46.687 *	59.633 *	124.337 *	124.337 *	397.221 *	*
30	397.221 *		712.658 *	1010.365 *	282.881 *	59.633 *	73.909 *	46.687 *	73.909 *	124.337 *	143.576 *	460.503 *	*
31	428.362 *		712.658 *		282.881 *		73.909 *	46.687 *		106.294 *		460.503 *	*
Caudal Max.	562.820 *	1056.475 *	965.138 *	1103.461 *	1056.475 *	337.982 *	89.474 *	73.909 *	73.909 *	185.544 *	143.575 *	460.503 *	*
Día	9	6	27	20	1	vv	20	1	30	1	2	vv	
Hora	7	7	18	7	7		7	7	7	7	7		
Caudal Min.	256.916 *	232.027 *	256.916 *	635.851 *	282.881 *	59.633 *	46.687 *	35.120 *	35.120 *	59.633 *	89.474 *	143.575 *	*
Día	25	vv	1	vv	vv	30	vv	vv	vv	vv	vv	1	
Hora	18		7			18						18	
Caudal Medio	332.741	469.978	699.021	807.358	463.581	189.665	63.659	46.251	41.471	88.813	123.654	340.327	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

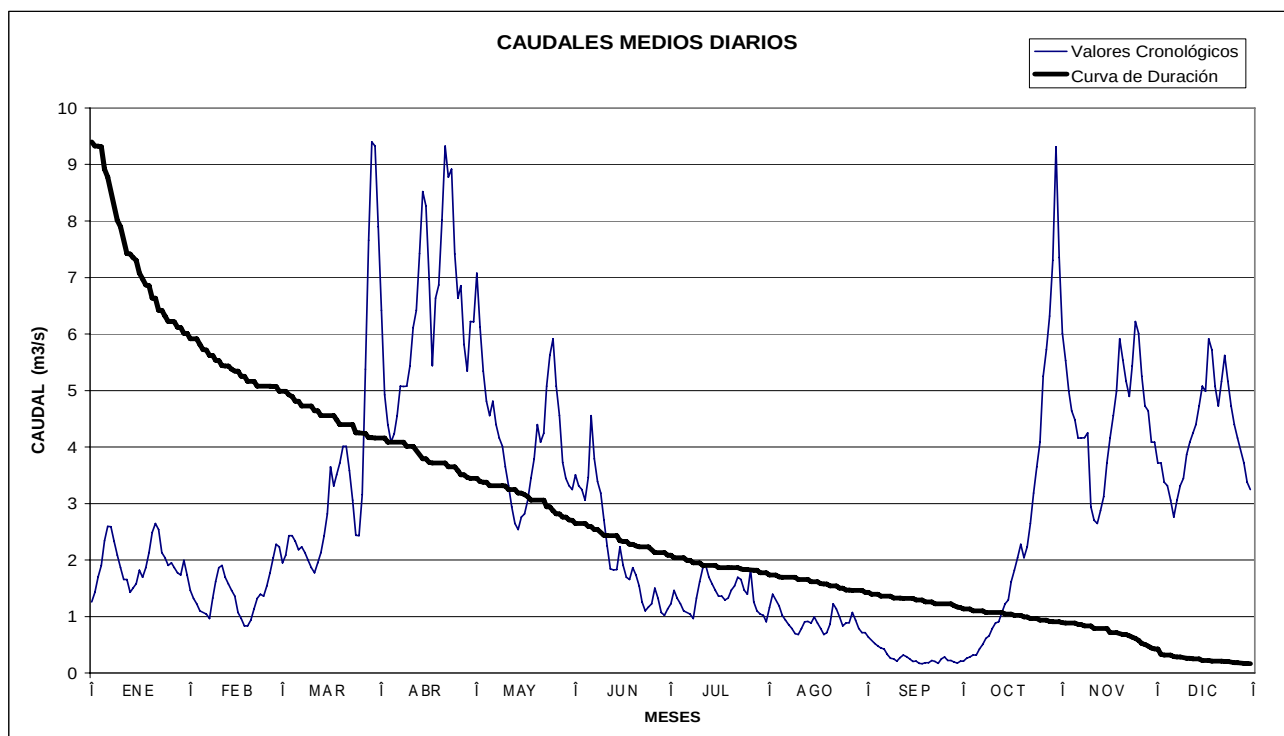


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H143	GRANOBLAS AJ GUACHALA											Area Drenaje:416 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.260 *	1.466 *	2.231 *	7.902 *	6.215 *	3.248 *	1.134 *	0.911 *	0.720 *	0.215 *	7.353 *	4.087 *
2	1.431 *	1.326 *	1.950 *	6.422 *	7.079 *	3.512 *	1.227 *	1.157 *	0.637 *	0.214 *	6.013 *	3.720 *
3	1.699 *	1.227 *	2.089 *	4.923 *	6.122 *	3.314 *	1.466 *	1.395 *	0.579 *	0.263 *	5.529 *	3.722 *
4	1.906 *	1.105 *	2.434 *	4.398 *	5.343 *	3.248 *	1.326 *	1.292 *	0.525 *	0.285 *	4.985 *	3.378 *
5	2.341 *	1.075 *	2.434 *	4.087 *	4.812 *	3.060 *	1.227 *	1.196 *	0.475 *	0.320 *	4.644 *	3.314 *
6	2.596 *	1.047 *	2.331 *	4.240 *	4.560 *	3.461 *	1.105 *	1.018 *	0.444 *	0.324 *	4.480 *	3.060 *
7	2.594 *	0.963 *	2.184 *	4.560 *	4.810 *	4.560 *	1.075 *	0.937 *	0.428 *	0.428 *	4.163 *	2.762 *
8	2.331 *	1.329 *	2.231 *	5.076 *	4.398 *	3.795 *	1.047 *	0.860 *	0.332 *	0.508 *	4.163 *	3.059 *
9	2.087 *	1.619 *	2.135 *	5.071 *	4.163 *	3.389 *	0.963 *	0.788 *	0.263 *	0.618 *	4.165 *	3.314 *
10	1.863 *	1.863 *	1.995 *	5.076 *	4.011 *	3.185 *	1.329 *	0.700 *	0.252 *	0.658 *	4.253 *	3.446 *
11	1.657 *	1.907 *	1.863 *	5.434 *	3.650 *	2.712 *	1.619 *	0.678 *	0.214 *	0.678 *	2.939 *	3.865 *
12	1.656 *	1.696 *	1.778 *	6.115 *	3.314 *	2.250 *	1.863 *	0.789 *	0.274 *	0.886 *	2.705 *	4.087 *
13	1.430 *	1.578 *	1.950 *	6.422 *	2.939 *	1.842 *	1.907 *	0.911 *	0.320 *	0.911 *	2.649 *	4.253 *
14	1.504 *	1.466 *	2.135 *	7.426 *	2.649 *	1.825 *	1.696 *	0.913 *	0.296 *	1.075 *	2.878 *	4.398 *
15	1.579 *	1.360 *	2.434 *	8.522 *	2.540 *	1.832 *	1.578 *	0.885 *	0.252 *	1.228 *	3.121 *	4.726 *
16	1.821 *	1.075 *	2.821 *	8.268 *	2.762 *	2.231 *	1.466 *	0.991 *	0.205 *	1.294 *	3.722 *	5.076 *
17	1.696 *	0.963 *	3.650 *	6.971 *	2.821 *	1.907 *	1.360 *	0.886 *	0.214 *	1.617 *	4.165 *	4.985 *
18	1.863 *	0.835 *	3.312 *	5.438 *	3.060 *	1.696 *	1.361 *	0.788 *	0.172 *	1.821 *	4.560 *	5.915 *
19	2.135 *	0.836 *	3.512 *	6.634 *	3.446 *	1.657 *	1.292 *	0.678 *	0.164 *	2.041 *	4.985 *	5.720 *
20	2.486 *	0.936 *	3.722 *	6.867 *	3.792 *	1.863 *	1.329 *	0.720 *	0.187 *	2.282 *	5.915 *	5.071 *
21	2.649 *	1.137 *	4.011 *	8.014 *	4.398 *	1.738 *	1.469 *	0.862 *	0.187 *	2.041 *	5.536 *	4.726 *
22	2.540 *	1.326 *	4.013 *	9.329 *	4.087 *	1.540 *	1.540 *	1.228 *	0.223 *	2.231 *	5.160 *	5.162 *
23	2.135 *	1.395 *	3.582 *	8.776 *	4.244 *	1.260 *	1.696 *	1.137 *	0.205 *	2.649 *	4.896 *	5.622 *
24	2.041 *	1.360 *	3.060 *	8.918 *	5.076 *	1.105 *	1.657 *	0.991 *	0.171 *	3.185 *	5.434 *	5.160 *
25	1.906 *	1.540 *	2.437 *	7.418 *	5.622 *	1.166 *	1.469 *	0.836 *	0.252 *	3.650 *	6.220 *	4.726 *
26	1.950 *	1.778 *	2.434 *	6.634 *	5.913 *	1.228 *	1.397 *	0.886 *	0.284 *	4.087 *	6.013 *	4.398 *
27	1.863 *	2.041 *	3.157 *	6.856 *	5.076 *	1.504 *	1.832 *	0.889 *	0.223 *	5.255 *	5.255 *	4.163 *
28	1.778 *	2.282 *	5.377 *	5.815 *	4.560 *	1.326 *	1.260 *	1.075 *	0.223 *	5.727 *	4.726 *	3.937 *
29	1.736 *		7.661 *	5.343 *	3.728 *	1.075 *	1.105 *	0.936 *	0.196 *	6.320 *	4.642 *	3.720 *
30	1.997 *		9.398 *	6.220 *	3.446 *	1.018 *	1.047 *	0.789 *	0.179 *	7.301 *	4.087 *	3.378 *
31	1.738 *		9.329 *		3.314 *		1.018 *	0.720 *		9.318 *		3.248 *
Caudal Max.	2.705 *	2.382 *	10.906 *	10.014 *	7.416 *	4.642 *	2.087 *	1.430 *	0.742 *	9.728 *	8.388 *	6.113 *
Día	6	28	30	22	2	7	27	3	1	31	1	18
Hora	8	18	18	18	18	8	8	8	18	18	8	18
Caudal Min.	1.227 *	0.788 *	1.736 *	4.011 *	2.486 *	0.990 *	0.936 *	0.657 *	0.156 *	0.187 *	2.594 *	2.705 *
Día	1	19	12	5	15	30	9	11	18	1	13	7
Hora	8	8	8	18	8	8	8	18	18	8	8	8
Caudal Medio	1.944	1.376	3.344	6.439	4.256	2.252	1.383	0.930	0.303	2.243	4.645	4.200

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

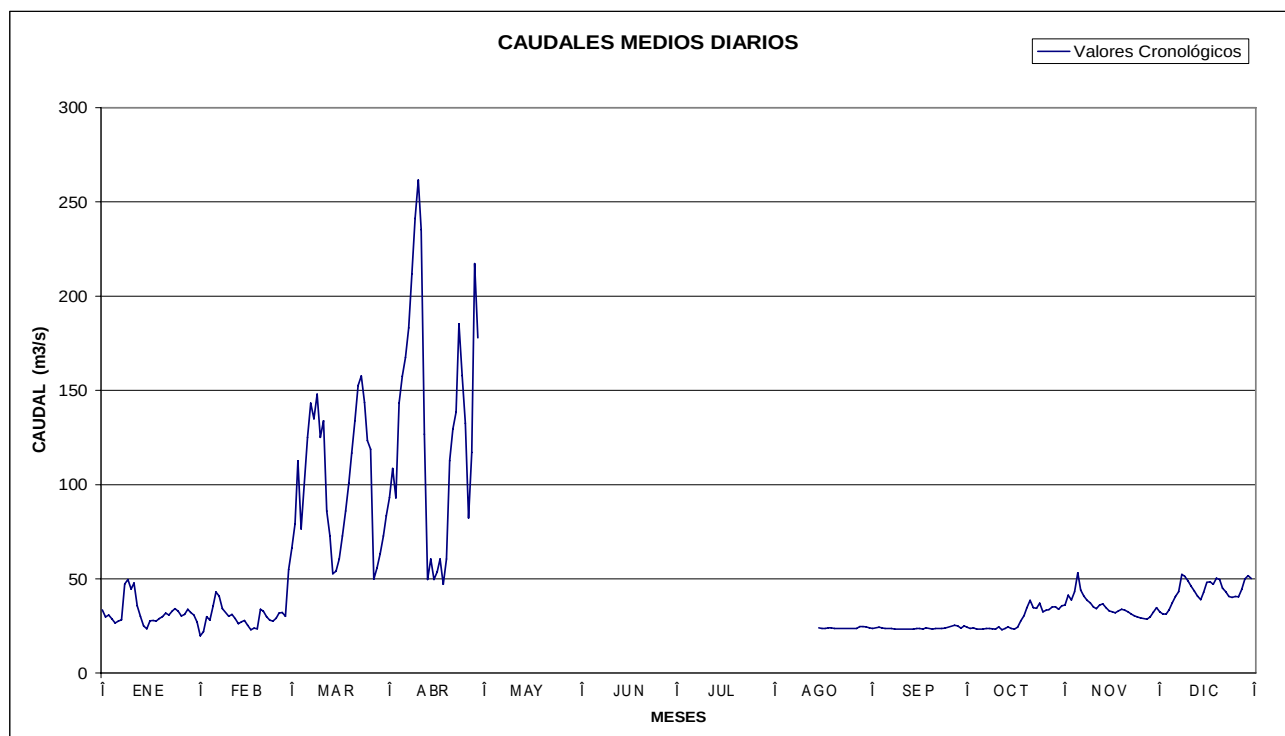


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H156		PILATON AJ TOACHI										Area Drenaje:520 km2		
	DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
	1	33.604 *	19.768 *	54.927 *	83.559 *					23.979	25.014	35.706	34.646	
	2	29.806 *	21.977 *	66.432 *	93.198 *					23.638	24.322	36.127	32.579	
	3	30.780 *	30.043 *	79.180 *	108.512 *					23.979	23.638	41.242	31.373	
	4	28.748 *	28.111 *	112.671 *	93.005 *					24.322	23.979	38.898	31.324	
	5	26.622 *	35.529 *	76.467 *	143.126 *					23.979	23.403	43.293	33.483	
	6	27.538 *	43.028 *	100.692 *	157.463 *					23.638	23.300	53.173	37.231	
	7	28.281 *	40.818 *	125.147 *	167.481 *					23.638	23.300	44.069	40.681	
	8	47.310 *	34.233 *	143.126 *	183.206 *					23.638	23.638	40.725	43.310	
	9	49.632 *	32.225 *	134.984 *	211.841 *					23.300	23.638	38.664	52.270	
	10	44.637 *	30.198 *	147.962 *	241.250 *					23.300	23.492	37.203	51.338	
	11	47.813 *	31.183 *	125.147 *	261.690 *					23.300	23.409	35.068	49.082	
	12	35.715 *	28.926 *	133.967 *	235.176 *					23.300	24.612	34.227	46.067	
	13	30.198 *	26.263 *	86.029 *	126.638 *					23.300	22.965	35.984	43.636	
	14	25.023 *	27.174 *	72.649 *	49.632 *					23.300	23.590	36.785	40.706	
	15	23.486 *	27.913 *	52.737 *	60.526 *					23.300	24.479	34.646	38.921	
	16	27.764 *	25.457 *	54.076 *	49.632 *				23.979	23.638	23.638	32.987	42.871	
	17	27.930 *	22.971 *	60.526 *	53.820 *				23.638	23.638	23.399	32.579	48.132	
	18	27.571 *	23.817 *	72.649 *	60.526 *				23.638	23.300	24.378	31.979	48.572	
	19	28.890 *	23.477 *	86.029 *	47.209 *				23.979	23.963	27.757	33.011	47.119	
	20	29.946 *	33.812 *	100.692 *	60.526 *				23.979	23.638	30.492	33.811	50.303	
	21	31.795 *	32.863 *	116.663 *	112.671 *				23.638	23.300	34.794	33.397	49.707	
	22	30.797 *	30.002 *	133.967 *	129.473 *				23.638	23.638	38.603	32.485	45.019	
	23	32.792 *	28.136 *	152.627 *	138.461 *				23.638	23.638	34.795	31.307	43.120	
	24	34.233 *	27.571 *	157.636 *	185.319 *				23.638	23.638	34.471	30.502	40.688	
	25	32.811 *	29.073 *	143.468 *	157.791 *				23.638	23.869	37.117	29.805	40.147	
	26	30.388 *	31.808 *	123.397 *	132.531 *				23.638	24.409	32.440	29.326	40.612	
	27	31.178 *	32.210 *	118.711 *	82.355 *				23.638	24.848	33.428	29.038	40.581	
	28	33.812 *	30.194 *	49.932 *	116.996 *				23.638	25.336	33.741	28.698	44.354	
	29	32.225 *		55.774 *	217.315 *				24.668	25.054	35.103	29.742	50.046	
	30	30.780 *		63.402 *	177.908 *				24.668	23.852	35.201	32.385	51.688	
	31	27.038 *		72.649 *					24.596		33.831		50.230	
Caudal Max.		52.204 *	47.060 *	167.481 *	262.999 *					31.772	50.111	56.537	70.086	
Día	9	1	24	11						27	22	6	20	
Hora	18	7	7	18						21	19	7	19	
Caudal Mín.		22.303 *	19.154 *	42.213 *	42.213 *					22.965	22.965	28.658	30.977	
Día	15	1	28	26						25	13	28	4	
Hora	7	7	7	7						19	12	4	20	
Caudal Medio		32.230	29.599	99.171	131.294					23.789	28.064	35.229	43.220	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



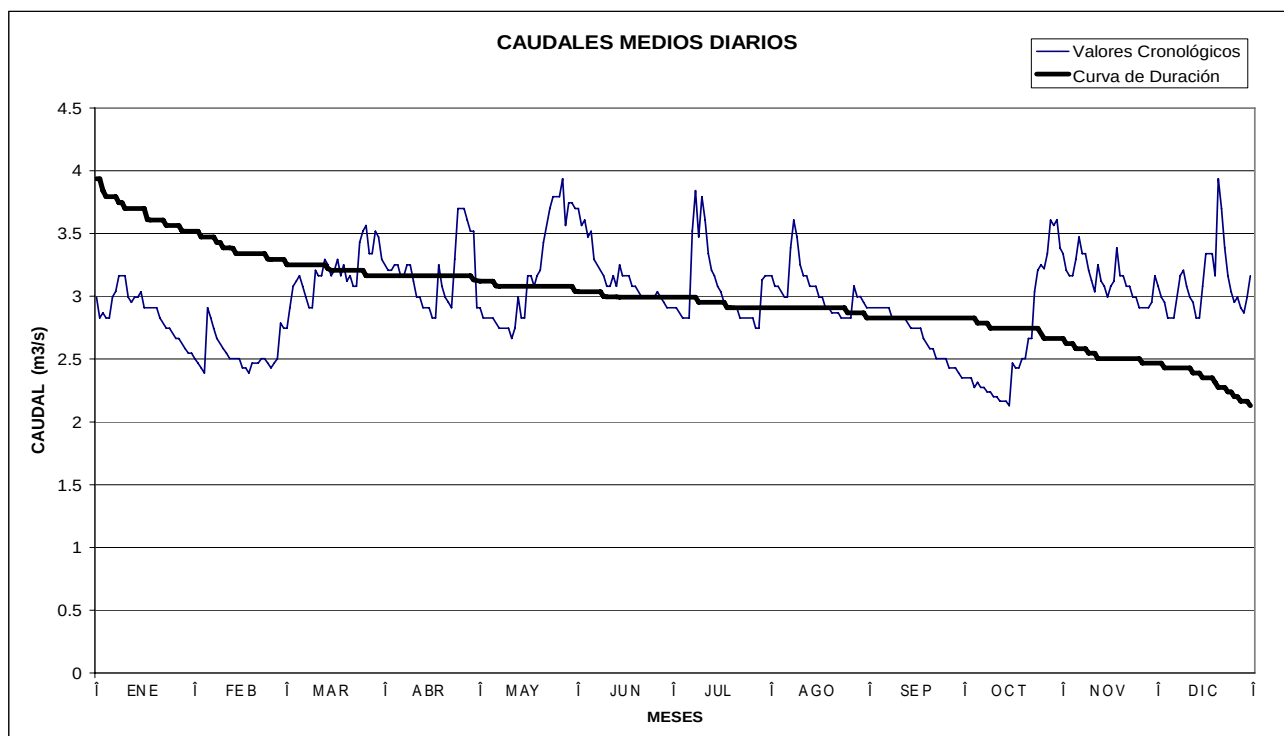
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H158	PITA AJ SALTO											Area Drenaje:214 km ²
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2.994 *	2.506 *	2.746 *	3.296 *	2.911 *	3.701 *	2.911 *	3.165 *	2.911 *	2.352 *	3.384 *	3.165 *
2	2.828 *	2.468 *	2.746 *	3.252 *	2.911 *	3.700 *	2.911 *	3.165 *	2.911 *	2.352 *	3.340 *	3.080 *
3	2.869 *	2.429 *	2.911 *	3.208 *	2.828 *	3.563 *	2.911 *	3.079 *	2.911 *	2.352 *	3.208 *	2.994 *
4	2.828 *	2.390 *	3.079 *	3.208 *	2.828 *	3.609 *	2.869 *	3.079 *	2.911 *	2.352 *	3.165 *	2.952 *
5	2.828 *	2.911 *	3.122 *	3.252 *	2.828 *	3.473 *	2.828 *	3.037 *	2.911 *	2.276 *	3.165 *	2.828 *
6	2.996 *	2.828 *	3.165 *	3.252 *	2.828 *	3.518 *	2.828 *	2.994 *	2.911 *	2.314 *	3.296 *	2.828 *
7	3.038 *	2.746 *	3.079 *	3.165 *	2.787 *	3.296 *	2.828 *	2.994 *	2.911 *	2.276 *	3.473 *	2.828 *
8	3.165 *	2.665 *	2.994 *	3.165 *	2.746 *	3.252 *	3.522 *	3.385 *	2.911 *	2.276 *	3.340 *	2.996 *
9	3.165 *	2.625 *	2.911 *	3.252 *	2.746 *	3.208 *	3.843 *	3.609 *	2.828 *	2.239 *	3.340 *	3.165 *
10	3.165 *	2.585 *	2.911 *	3.252 *	2.746 *	3.165 *	3.473 *	3.473 *	2.828 *	2.239 *	3.208 *	3.208 *
11	2.994 *	2.546 *	3.208 *	3.122 *	2.746 *	3.079 *	3.793 *	3.252 *	2.828 *	2.201 *	3.126 *	3.079 *
12	2.952 *	2.506 *	3.165 *	2.994 *	2.665 *	3.079 *	3.609 *	3.165 *	2.828 *	2.201 *	3.037 *	2.994 *
13	2.994 *	2.506 *	3.165 *	2.994 *	2.746 *	3.165 *	3.340 *	3.165 *	2.828 *	2.165 *	3.252 *	2.952 *
14	2.994 *	2.506 *	3.296 *	2.911 *	2.996 *	3.079 *	3.208 *	3.079 *	2.787 *	2.165 *	3.122 *	2.828 *
15	3.037 *	2.506 *	3.252 *	2.911 *	2.828 *	3.252 *	3.165 *	3.079 *	2.746 *	2.165 *	3.079 *	2.828 *
16	2.911 *	2.429 *	3.165 *	2.911 *	2.828 *	3.165 *	3.079 *	3.079 *	2.746 *	2.128 *	2.994 *	3.079 *
17	2.911 *	2.429 *	3.208 *	2.828 *	3.165 *	3.165 *	3.037 *	2.994 *	2.746 *	2.468 *	3.079 *	3.340 *
18	2.911 *	2.390 *	3.296 *	2.828 *	3.165 *	3.165 *	2.952 *	2.994 *	2.746 *	2.429 *	3.122 *	3.340 *
19	2.911 *	2.468 *	3.165 *	3.252 *	3.080 *	3.079 *	2.911 *	2.911 *	2.665 *	2.429 *	3.385 *	3.340 *
20	2.911 *	2.468 *	3.252 *	3.079 *	3.165 *	3.079 *	2.911 *	2.911 *	2.625 *	2.506 *	3.165 *	3.165 *
21	2.828 *	2.468 *	3.122 *	2.994 *	3.209 *	3.037 *	2.911 *	2.869 *	2.585 *	2.506 *	3.165 *	3.935 *
22	2.787 *	2.506 *	3.165 *	2.952 *	3.430 *	2.994 *	2.911 *	2.869 *	2.585 *	2.665 *	3.079 *	3.701 *
23	2.746 *	2.506 *	3.079 *	2.911 *	3.564 *	2.994 *	2.828 *	2.869 *	2.506 *	2.665 *	3.079 *	3.385 *
24	2.746 *	2.468 *	3.079 *	3.297 *	3.701 *	2.994 *	2.828 *	2.828 *	2.506 *	3.037 *	2.994 *	3.165 *
25	2.705 *	2.429 *	3.429 *	3.701 *	3.793 *	2.994 *	2.828 *	2.828 *	2.506 *	3.208 *	2.994 *	3.037 *
26	2.665 *	2.468 *	3.518 *	3.700 *	3.793 *	2.994 *	2.828 *	2.828 *	2.506 *	3.252 *	2.911 *	2.952 *
27	2.665 *	2.506 *	3.563 *	3.700 *	3.793 *	3.037 *	2.828 *	2.828 *	2.429 *	3.221 *	2.911 *	2.994 *
28	2.625 *	2.787 *	3.340 *	3.609 *	3.935 *	2.994 *	2.746 *	3.084 *	2.429 *	3.340 *	2.911 *	2.911 *
29	2.585 *		3.340 *	3.518 *	3.563 *	2.952 *	2.746 *	2.996 *	2.429 *	3.609 *	2.911 *	2.869 *
30	2.546 *		3.518 *	3.518 *	3.747 *	2.911 *	3.132 *	2.999 *	2.390 *	3.563 *	2.952 *	2.994 *
31	2.546 *		3.473 *		3.747 *		3.165 *	2.952 *		3.611 *		3.165 *
Caudal Max.	3.165 *	2.910 *	3.609 *	3.793 *	4.076 *	3.793 *	4.076 *	3.609 *	2.910 *	3.793 *	3.518 *	4.076 *
Día	vv	5	27	25	28	1	9	9	4	31	19	21
Hora		5	16	5	5	16	16	17	5	5	16	5
Caudal Min.	2.506 *	2.352 *	2.746 *	2.828 *	2.665 *	2.910 *	2.746 *	2.746 *	2.352 *	2.128 *	2.910 *	2.828 *
Día	30	18	vv	vv	12	30	vv	30	30	14	29	vv
Hora	16	16			16	5		16	16	16	5	
Caudal Medio	2.866	2.537	3.176	3.201	3.155	3.190	3.054	3.050	2.712	2.599	3.139	3.100

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



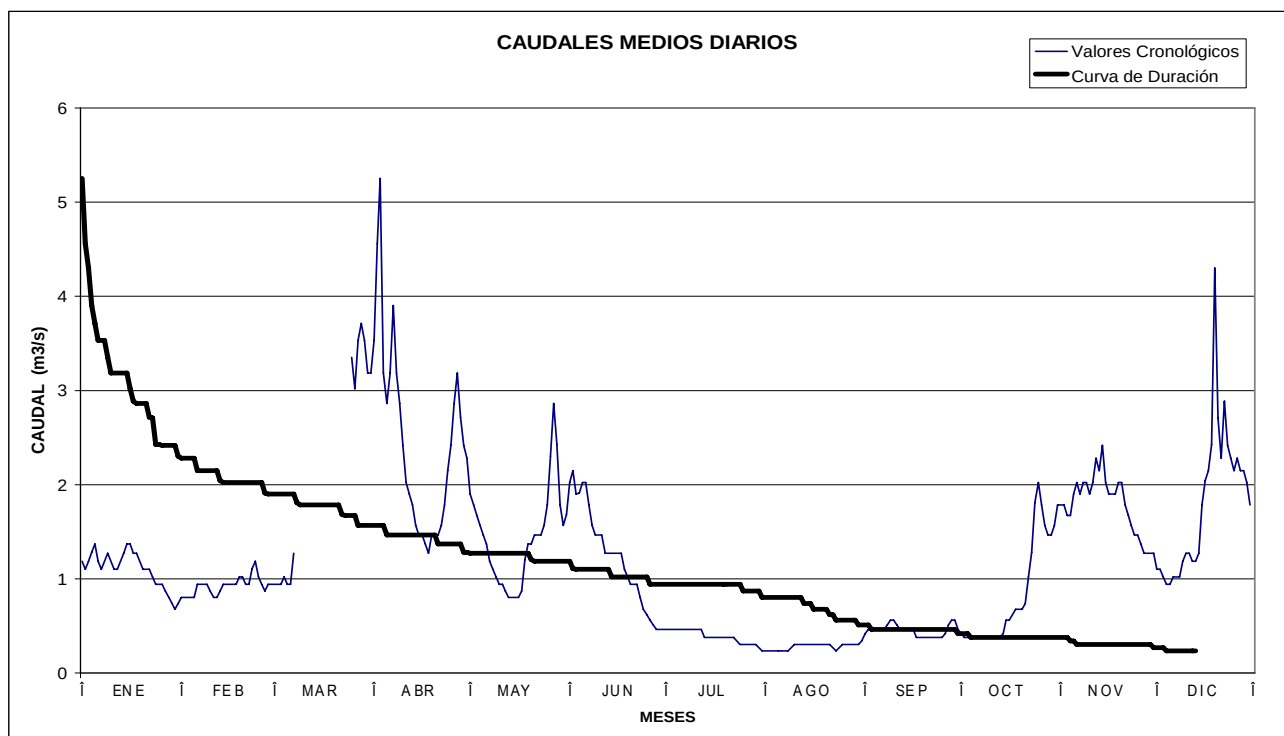
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H159	SAN PEDRO EN MACHACHI												Area Drenaje:363 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	1.188 *	0.803 *	0.944 *	3.186 *	2.283 *	1.683 *	0.465 *	0.238 *	0.340 *	0.465 *	1.788 *	1.274 *	
2	1.101 *	0.803 *	0.944 *	3.533 *	1.902 *	2.025 *	0.465 *	0.238 *	0.421 *	0.421 *	1.788 *	1.101 *	
3	1.188 *	0.803 *	0.944 *	4.558 *	1.788 *	2.149 *	0.465 *	0.238 *	0.465 *	0.378 *	1.788 *	1.101 *	
4	1.283 *	0.803 *	0.944 *	5.254 *	1.674 *	1.902 *	0.465 *	0.238 *	0.465 *	0.378 *	1.674 *	1.022 *	
5	1.370 *	0.803 *	1.022 *	3.186 *	1.569 *	1.912 *	0.465 *	0.238 *	0.465 *	0.378 *	1.674 *	0.944 *	
6	1.188 *	0.944 *	0.944 *	2.863 *	1.465 *	2.025 *	0.465 *	0.238 *	0.465 *	0.378 *	1.902 *	0.944 *	
7	1.101 *	0.944 *	0.944 *	3.186 *	1.370 *	2.025 *	0.465 *	0.238 *	0.465 *	0.378 *	2.025 *	1.022 *	
8	1.188 *	0.944 *	1.274 *	3.904 *	1.188 *	1.788 *	0.465 *	0.238 *	0.465 *	0.378 *	1.902 *	1.022 *	
9	1.274 *	0.944 *		3.186 *	1.101 *	1.569 *	0.465 *	0.238 *	0.514 *	0.378 *	2.025 *	1.022 *	
10	1.188 *	0.873 *		2.863 *	1.022 *	1.465 *	0.465 *	0.270 *	0.564 *	0.378 *	2.025 *	1.188 *	
11	1.101 *	0.803 *		2.417 *	0.944 *	1.465 *	0.465 *	0.303 *	0.564 *	0.378 *	1.902 *	1.274 *	
12	1.101 *	0.803 *		2.025 *	0.944 *	1.465 *	0.465 *	0.303 *	0.514 *	0.378 *	2.025 *	1.274 *	
13	1.188 *	0.873 *		1.902 *	0.873 *	1.274 *	0.465 *	0.303 *	0.465 *	0.378 *	2.283 *	1.188 *	
14	1.274 *	0.944 *		1.788 *	0.803 *	1.274 *	0.378 *	0.303 *	0.465 *	0.378 *	2.149 *	1.188 *	
15	1.370 *	0.944 *		1.569 *	0.803 *	1.274 *	0.378 *	0.303 *	0.465 *	0.421 *	2.417 *	1.274 *	
16	1.370 *	0.944 *		1.465 *	0.803 *	1.274 *	0.378 *	0.303 *	0.465 *	0.564 *	2.025 *	1.788 *	
17	1.274 *	0.944 *		1.465 *	0.803 *	1.274 *	0.378 *	0.303 *	0.465 *	0.564 *	1.902 *	2.043 *	
18	1.274 *	0.944 *		1.370 *	0.873 *	1.274 *	0.378 *	0.303 *	0.378 *	0.620 *	1.902 *	2.149 *	
19	1.188 *	1.022 *		1.274 *	1.205 *	1.101 *	0.378 *	0.303 *	0.378 *	0.676 *	1.902 *	2.428 *	
20	1.101 *	1.022 *		1.465 *	1.370 *	1.022 *	0.378 *	0.303 *	0.378 *	0.676 *	2.025 *	4.300 *	
21	1.101 *	0.944 *		1.465 *	1.370 *	0.944 *	0.378 *	0.303 *	0.378 *	0.676 *	2.025 *	2.710 *	
22	1.101 *	0.944 *		1.465 *	1.465 *	0.944 *	0.378 *	0.303 *	0.378 *	0.740 *	1.788 *	2.283 *	
23	1.022 *	1.109 *		1.569 *	1.465 *	0.944 *	0.378 *	0.270 *	0.378 *	1.022 *	1.674 *	2.886 *	
24	0.944 *	1.188 *		1.788 *	1.465 *	0.803 *	0.340 *	0.238 *	0.378 *	1.283 *	1.569 *	2.417 *	
25	0.944 *	1.022 *		2.149 *	1.569 *	0.676 *	0.303 *	0.270 *	0.378 *	1.807 *	1.465 *	2.283 *	
26	0.944 *	0.944 *	3.354 *	2.417 *	1.788 *	0.620 *	0.303 *	0.303 *	0.378 *	2.025 *	1.465 *	2.149 *	
27	0.873 *	0.873 *	3.019 *	2.863 *	2.304 *	0.564 *	0.303 *	0.303 *	0.421 *	1.788 *	1.370 *	2.283 *	
28	0.803 *	0.944 *	3.533 *	3.186 *	2.863 *	0.514 *	0.303 *	0.303 *	0.514 *	1.569 *	1.274 *	2.149 *	
29	0.740 *		3.713 *	2.718 *	2.428 *	0.465 *	0.303 *	0.303 *	0.564 *	1.465 *	1.274 *	2.149 *	
30	0.676 *		3.533 *	2.417 *	1.788 *	0.465 *	0.303 *	0.303 *	0.564 *	1.465 *	1.274 *	2.025 *	
31	0.740 *		3.186 *		1.569 *		0.270 *	0.303 *		1.569 *		1.788 *	
Caudal Max.	1.465 *	1.274 *		6.413 *	3.019 *	2.149 *	0.465 *	0.303 *	0.564 *	2.149 *	2.417 *	5.894 *	
Día	5	24		4	28	7				26	13	20	
Hora	6	6		6	6	6				6	6	18	
Caudal Min.	0.676 *	0.803 *		1.274 *	0.803 *	0.465 *	0.238 *	0.238 *	0.303 *	0.378 *	1.274 *	0.944 *	
Día	29	vv		19	vv	vv	31	vv	1	vv	vv	vv	
Hora	18			18			18		6				
Caudal Medio	1.103	0.924		2.483	1.447	1.273	0.395	0.279	0.450	0.786	1.810	1.764	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



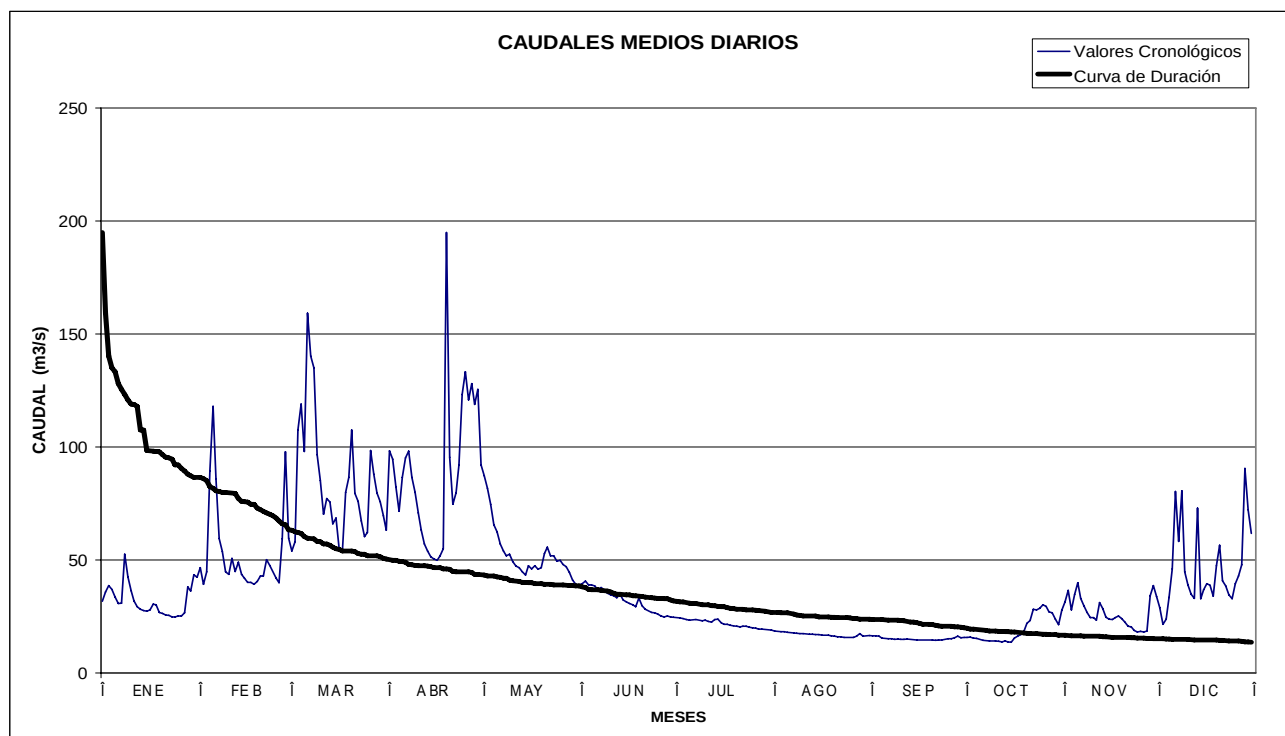
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H161	TOACHI AJ PILATON												Area Drenaje:1435 km ²
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	31.770 *	46.698 *	59.760 *	63.257 *	92.178 *	39.010 *	24.685 *	19.011 *	16.663 *	15.797 *	27.775	33.901	
2	35.937 *	39.211 *	53.940 *	98.311 *	87.318 *	39.516 *	24.560 *	18.693 *	16.468 *	15.892 *	31.513	28.977	
3	38.758 *	44.796 *	58.159 *	94.621 *	81.842 *	40.716 *	24.435 *	18.483 *	16.565 *	15.906 *	36.593	21.619	
4	37.068 *	89.400 *	107.455 *	82.440 *	74.716 *	39.010 *	24.186 *	18.379 *	16.372 *	15.517 *	27.964	23.931	
5	33.605 *	118.077 *	118.923 *	71.554 *	65.577 *	39.016 *	23.694 *	18.275 *	15.515 *	15.330 *	34.733	33.422	
6	30.758 *	86.035 *	98.077 *	86.508 *	62.581 *	38.512 *	23.450 *	18.069 *	15.422 *	14.870 *	39.973	46.093	
7	30.905 *	59.470 *	159.207 *	95.185 *	57.104 *	36.869 *	23.572 *	17.863 *	15.236 *	14.419 *	33.007	80.431	
8	52.645 *	53.777 *	140.372 *	98.165 *	53.940 *	37.848 *	23.694 *	17.761 *	15.144 *	14.329 *	29.754	58.236	
9	42.602 *	44.812 *	135.059 *	86.508 *	51.905 *	36.869 *	23.452 *	17.660 *	14.961 *	14.152 *	26.773	80.694	
10	36.412 *	43.715 *	96.617 *	79.885 *	52.540 *	35.273 *	23.208 *	17.558 *	15.052 *	14.152 *	24.627	44.861	
11	31.925 *	50.722 *	85.105 *	70.842 *	49.343 *	34.647 *	23.452 *	17.457 *	14.961 *	14.152 *	24.509	39.010	
12	29.471 *	44.980 *	70.365 *	63.340 *	47.407 *	34.182 *	22.849 *	17.357 *	14.869 *	13.977 *	23.387	34.847	
13	28.226 *	49.018 *	77.163 *	57.104 *	46.652 *	33.416 *	22.610 *	17.157 *	15.052 *	13.716 *	31.169	33.083	
14	27.683 *	43.715 *	75.660 *	53.940 *	44.797 *	34.981 *	23.694 *	17.157 *	14.870 *	14.155 *	28.580	73.062	
15	27.411 *	41.928 *	66.053 *	51.500 *	43.347 *	32.364 *	23.836 *	16.958 *	14.779 *	13.716 *	24.673	32.972	
16	27.951 *	40.203 *	68.633 *	50.505 *	47.608 *	31.478 *	22.374 *	16.958 *	14.688 *	13.629 *	23.920	36.870	
17	30.548 *	40.196 *	54.781 *	49.920 *	46.095 *	30.751 *	21.673 *	16.859 *	14.688 *	15.537 *	23.652	39.487	
18	30.245 *	39.348 *	53.940 *	51.905 *	47.608 *	30.177 *	21.673 *	16.761 *	14.688 *	16.279 *	24.624	38.900	
19	26.878 *	40.538 *	79.885 *	54.994 *	45.904 *	29.469 *	21.214 *	16.761 *	14.688 *	17.079 *	25.341	34.114	
20	26.352 *	43.013 *	86.508 *	194.959 *	46.652 *	33.219 *	20.873 *	16.566 *	14.688 *	18.698 *	24.063	47.589	
21	25.707 *	42.990 *	107.605 *	95.533 *	52.935 *	29.756 *	20.648 *	16.275 *	14.598 *	22.026 *	22.488	56.614	
22	25.447 *	50.228 *	79.448 *	74.607 *	55.669 *	28.226 *	20.537 *	16.083 *	14.508 *	23.296 *	20.704	40.899	
23	24.811 *	47.637 *	76.063 *	79.774 *	51.905 *	27.550 *	20.761 *	15.987 *	14.598 *	28.315	20.541	38.611	
24	24.811 *	44.812 *	67.264 *	92.178 *	51.905 *	26.878 *	20.761 *	15.892 *	14.688 *	27.925	18.907	34.696	
25	25.318 *	41.931 *	60.344 *	123.220 *	49.525 *	26.614 *	20.314 *	15.797 *	14.961 *	28.641	18.253	32.865	
26	25.318 *	40.030 *	62.167 *	133.330 *	49.920 *	26.091 *	19.983 *	15.797 *	15.144 *	30.177	18.462	39.518	
27	26.747 *	59.411 *	98.576 *	120.838 *	47.984 *	25.318 *	19.873 *	15.797 *	15.236 *	29.542	18.133	42.943	
28	38.112 *	97.933 *	87.940 *	128.043 *	47.031 *	24.811 *	19.547 *	16.374 *	15.703 *	27.026	18.694	47.906	
29	36.297 *		79.719 *	118.861 *	44.625 *	25.190 *	19.439 *	17.472 *	16.276 *	26.759	34.159	90.478	
30	43.545 *		75.844 *	125.544 *	41.058 *	24.811 *	19.331 *	16.372 *	15.703 *	23.925	38.682	72.248	
31	42.355 *		69.605 *		39.348 *		19.224 *	16.565 *		21.426		61.821	
Caudal Max.	63.712 *	142.259 *	183.640 *	285.737 *	95.069 *	41.577 *	25.063 *	19.224 *	16.761 *	45.532	82.647	226.914	
Día	8	5	7	20	1	3	15	1	1	26	29	7	
Hora	7	7	7	7	7	7	7	7	7	21	22	2	
Caudal Min.	24.560 *	37.193 *	52.910 *	48.940 *	38.842 *	24.560 *	19.224 *	15.797 *	14.508 *	13.629 *	17.761	21.213	
Día	24	2	18	17	31	30	31	vv	23	13	27	3	
Hora	18	18	18	18	18	18	18		18	18	1	7	
Caudal Medio	32.117	53.022	84.201	88.246	54.097	32.419	22.052	17.102	15.226	19.044	26.522	45.829	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



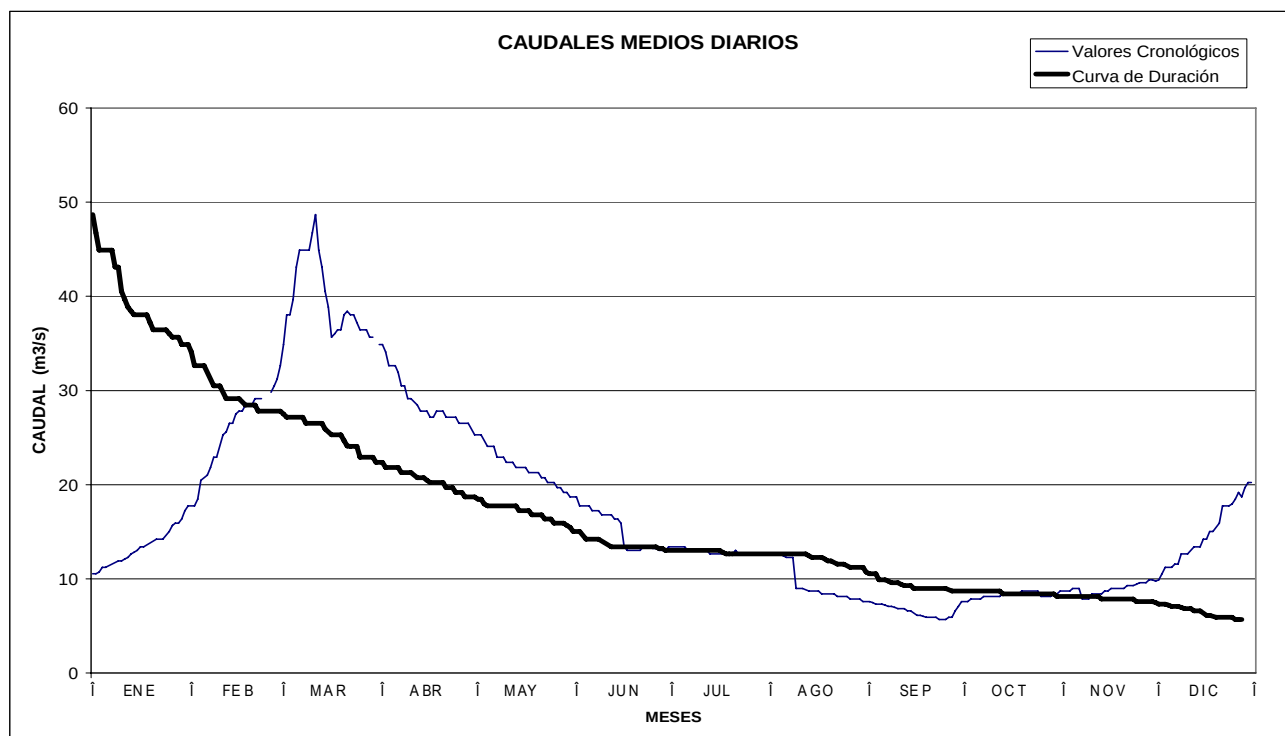
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H166		TOACHI EN LAS PAMPAS										Area Drenaje:1051 km ²	
DIA		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		10.550 *	17.737 *	32.642 *	34.879 *	25.297 *	18.704 *	13.423 *	12.659 *	7.604 *	7.604 *	8.702 *	9.750 *
2		10.550 *	17.737 *	34.879 *	34.879 *	25.297 *	18.704 *	13.423 *	12.659 *	7.604 *	7.604 *	8.702 *	9.906 *
3		10.717 *	18.469 *	38.028 *	34.122 *	25.297 *	17.737 *	13.423 *	12.659 *	7.475 *	7.604 *	8.702 *	10.550 *
4		11.223 *	20.485 *	38.028 *	32.642 *	24.694 *	17.737 *	13.423 *	12.659 *	7.346 *	7.869 *	8.702 *	11.223 *
5		11.223 *	20.747 *	39.674 *	32.642 *	24.100 *	17.737 *	13.423 *	12.659 *	7.346 *	7.869 *	8.993 *	11.223 *
6		11.397 *	21.014 *	43.117 *	32.642 *	24.100 *	17.737 *	13.423 *	12.474 *	7.346 *	7.869 *	8.993 *	11.223 *
7		11.571 *	21.831 *	44.915 *	31.919 *	24.100 *	17.267 *	13.037 *	12.289 *	7.220 *	7.869 *	8.993 *	11.571 *
8		11.748 *	22.943 *	44.915 *	30.508 *	22.943 *	17.267 *	13.037 *	12.289 *	7.094 *	8.140 *	7.869 *	11.571 *
9		11.926 *	22.943 *	44.915 *	30.508 *	22.943 *	17.267 *	13.037 *	12.289 *	7.094 *	8.140 *	7.869 *	12.659 *
10		11.926 *	24.120 *	44.915 *	29.140 *	22.943 *	16.806 *	13.037 *	8.993 *	6.971 *	8.140 *	7.869 *	12.659 *
11		12.107 *	25.297 *	46.765 *	29.140 *	22.379 *	16.806 *	13.037 *	8.993 *	6.848 *	8.140 *	8.418 *	12.659 *
12		12.289 *	25.605 *	48.667 *	28.807 *	22.379 *	16.806 *	13.037 *	8.993 *	6.848 *	8.140 *	8.418 *	13.037 *
13		12.659 *	26.536 *	44.915 *	28.473 *	22.379 *	16.806 *	13.037 *	8.847 *	6.848 *	8.140 *	8.418 *	13.423 *
14		12.848 *	26.536 *	43.117 *	27.817 *	21.826 *	16.353 *	12.659 *	8.702 *	6.608 *	8.418 *	8.418 *	13.423 *
15		13.037 *	27.494 *	40.516 *	27.817 *	21.826 *	16.353 *	12.659 *	8.702 *	6.608 *	8.418 *	8.702 *	13.423 *
16		13.423 *	27.817 *	38.845 *	27.817 *	21.826 *	15.910 *	12.659 *	8.702 *	6.377 *	8.418 *	8.702 *	14.219 *
17		13.423 *	27.817 *	35.649 *	27.171 *	21.826 *	13.423 *	12.659 *	8.702 *	6.146 *	8.418 *	8.993 *	14.219 *
18		13.620 *	28.473 *	36.039 *	27.171 *	21.282 *	13.037 *	12.659 *	8.418 *	6.146 *	8.418 *	8.993 *	15.048 *
19		13.817 *	28.473 *	36.430 *	27.817 *	21.282 *	13.037 *	12.659 *	8.418 *	6.035 *	8.418 *	8.993 *	15.048 *
20		14.018 *	28.473 *	36.430 *	27.817 *	21.282 *	13.037 *	12.659 *	8.418 *	5.924 *	8.702 *	8.993 *	15.474 *
21		14.219 *	29.140 *	38.028 *	27.817 *	21.282 *	13.037 *	12.659 *	8.418 *	5.924 *	8.702 *	8.993 *	15.910 *
22		14.219 *	29.140 *	38.436 *	27.171 *	20.747 *	13.037 *	13.037 *	8.418 *	5.924 *	8.702 *	9.290 *	17.737 *
23		14.219 *	29.140 *	38.028 *	27.171 *	20.747 *	13.423 *	12.659 *	8.140 *	5.924 *	8.702 *	9.290 *	17.737 *
24		14.629 *		38.028 *	27.171 *	20.222 *	13.423 *	12.659 *	8.140 *	5.707 *	8.702 *	9.290 *	17.737 *
25		15.048 *		37.223 *	27.171 *	20.222 *	13.423 *	12.659 *	8.140 *	5.707 *	8.702 *	9.443 *	17.976 *
26		15.692 *	29.818 *	36.430 *	26.536 *	20.222 *	13.230 *	12.659 *	8.140 *	5.707 *	8.140 *	9.595 *	18.460 *
27		15.910 *	30.508 *	36.430 *	26.536 *	19.707 *	13.230 *	12.659 *	7.869 *	5.924 *	8.140 *	9.595 *	19.201 *
28		15.910 *	31.208 *	36.430 *	26.536 *	19.707 *	13.037 *	12.659 *	7.869 *	5.924 *	8.140 *	9.595 *	18.704 *
29		16.353 *		35.649 *	26.536 *	19.201 *	13.037 *	12.659 *	7.869 *	6.608 *	8.140 *	9.906 *	19.707 *
30		17.267 *		35.649 *	25.912 *	19.201 *	13.037 *	12.659 *	7.869 *	7.094 *	8.418 *	9.906 *	20.222 *
31		17.737 *				18.704 *		12.659 *	7.604 *		8.418 *		20.222 *
Caudal Max.		17.737 *			34.879 *	25.297 *	18.703 *	13.423 *	12.659 *	7.604 *	8.702 *	9.906 *	20.222 *
Día		31			vv	vv	2	vv	vv	vv	vv	vv	vv
Hora		7					7						
Caudal Min.		10.550 *			25.912 *	18.703 *	13.037 *	12.659 *	7.604 *	5.707 *	7.604 *	7.869 *	9.595 *
Día		vv			30	31	vv	vv	31	vv	vv	vv	1
Hora					16	16			16				7
Caudal Medio		13.396	25.365	39.458	29.076	21.934	15.348	12.904	9.580	6.598	8.234	8.911	14.707

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



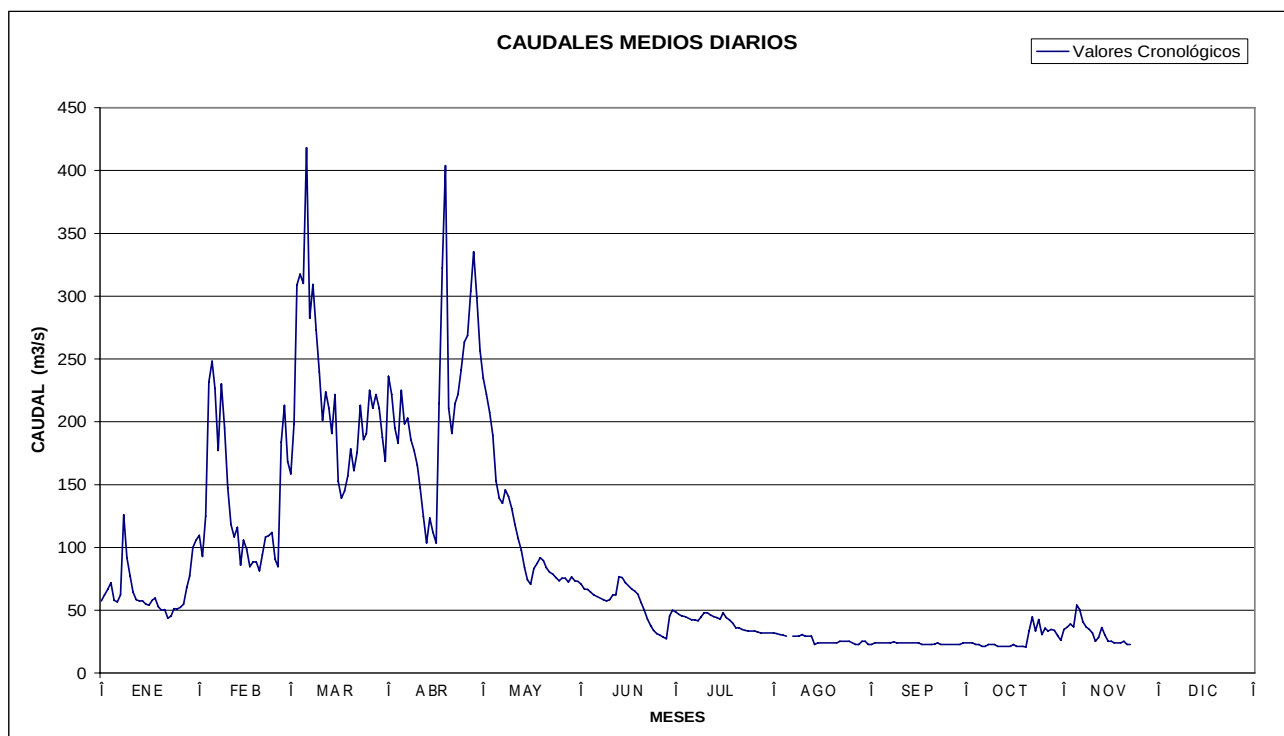
CAUDALES MEDIOS DIARIOS (m³/s)

2002

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	57.306 *	109.659 *	168.561 *	168.561 *	256.481 *	73.029 *	49.891 *	32.044 *	22.710	24.067	26.200	
2	62.190 *	92.973 *	158.742 *	236.406 *	234.747 *	70.637 *	48.644 *	32.044 *	22.710	24.067	34.867	
3	66.429 *	124.988 *	198.558 *	221.789 *	221.753 *	67.032 *	46.765 *	31.388 *	24.067	24.067	36.517	
4	71.833 *	231.632 *	308.833 *	195.118 *	207.495 *	66.429 *	45.508 *	30.732 *	24.067	24.067	39.044	
5	57.911 *	248.182 *	317.524 *	183.000 *	189.041 *	64.617 *	44.879 *	30.072 *	24.067	22.710	36.764	
6	56.690 *	226.608 *	310.087 *	224.975 *	152.732 *	62.191 *	43.616 *	29.413 *	24.067	22.710	54.278	
7	62.186 *	177.110 *	418.174 *	198.379 *	139.071 *	60.975 *	42.349 *		24.067	21.344	50.637	
8	126.114 *	230.044 *	282.423 *	202.803 *	135.067 *	59.754 *	42.349 *	29.413 *	24.067	21.344	40.831	
9	91.842 *	195.229 *	309.386 *	186.002 *	145.847 *	58.533 *	41.713 *	29.413 *	24.954	22.710	36.759	
10	77.394 *	147.267 *	273.257 *	177.110 *	140.412 *	57.306 *	44.879 *	29.413 *	24.067	22.710	34.651	
11	64.629 *	118.382 *	239.708 *	165.453 *	131.113 *	58.527 *	48.018 *	30.732 *	24.067	22.710	32.044	
12	58.531 *	108.409 *	201.242 *	147.267 *	118.278 *	62.190 *	48.018 *	29.413 *	24.067	21.344	25.415	
13	57.308 *	116.061 *	223.781 *	124.629 *	107.139 *	62.190 *	46.138 *	29.413 *	24.067	21.344	28.482	
14	57.306 *	85.967 *	210.608 *	103.517 *	97.641 *	76.969 *	44.879 *	29.413	24.067	21.344	36.309	
15	54.848 *	105.942 *	190.574 *	123.338 *	83.967 *	76.006 *	44.247 *	22.710	24.067	21.344	30.038	
16	54.222 *	98.838 *	221.789 *	112.031 *	74.221 *	71.833 *	42.982 *	24.067	24.067	21.344	25.415	
17	57.903 *	84.824 *	152.732 *	103.517 *	70.636 *	69.437 *	48.018 *	24.067	24.067	22.710	25.415	
18	59.742 *	88.426 *	139.271 *	214.665 *	83.045 *	67.032 *	44.247 *	24.067	22.710	21.344	24.067	
19	52.995 *	88.426 *	145.190 *	322.345 *	87.294 *	65.221 *	42.349 *	24.067	22.710	21.344	24.067	
20	49.890 *	81.463 *	156.933 *	403.827 *	91.820 *	62.798 *	39.800 *	24.067	22.710	21.344	24.067	
21	50.514 *	94.138 *	178.568 *	210.608 *	89.546 *	56.078 *	35.947 *	24.067	22.710	20.578	25.415	
22	43.614 *	108.409 *	161.222 *	190.574 *	83.956 *	49.890 *	35.947 *	24.067	23.181	33.668	22.710	
23	45.496 *	109.574 *	175.661 *	214.665 *	80.365 *	42.982 *	34.651 *	25.415	24.067	44.774	22.710	
24	51.134 *	112.031 *	212.996 *	221.789 *	78.971 *	37.874 *	34.001 *	25.415	22.710	33.399		
25	51.129 *	90.646 *	186.002 *	241.439 *	76.006 *	34.001 *	33.351 *	25.415	22.710	42.516		
26	52.370 *	84.824 *	190.574 *	263.494 *	73.625 *	31.388 *	33.351 *	25.415	22.710	30.732		
27	54.842 *	183.940 *	224.975 *	268.466 *	75.408 *	30.072 *	33.351 *	24.067	22.710	35.776		
28	68.235 *	212.996 *	210.608 *	303.910 *	75.411 *	28.750 *	32.697 *	22.710	22.710	33.424		
29	77.194 *		221.789 *	335.410 *	72.432 *	27.421 *	32.044 *	22.710	22.710	34.853		
30	99.959 *		210.608 *	298.676 *	76.601 *	45.469 *	32.044 *	25.415	22.710	33.838		
31	105.942 *		187.517 *		73.625 *		32.044 *	25.415		30.006		
Caudal Max.	137.729 *	263.278 *	434.593 *	413.952 *	263.278 *	92.962 *	49.891 *		25.415	69.438		
Día	8	5	7	20	1	14	1		9	23		
Hora	7	7	7	18	7	18	7		4	9		
Caudal Min.	42.349 *	78.971 *	122.058 *	102.320 *	69.438 *	26.755 *	32.044 *		22.710	19.968		
Día	22	17	19	17	17	29	vv		vv	21		
Hora	18	7	7	7	18	18				6		
Caudal Medio	64.441	134.178	218.964	212.125	116.895	56.554	40.926	26.868	23.479	26.437	32.030	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

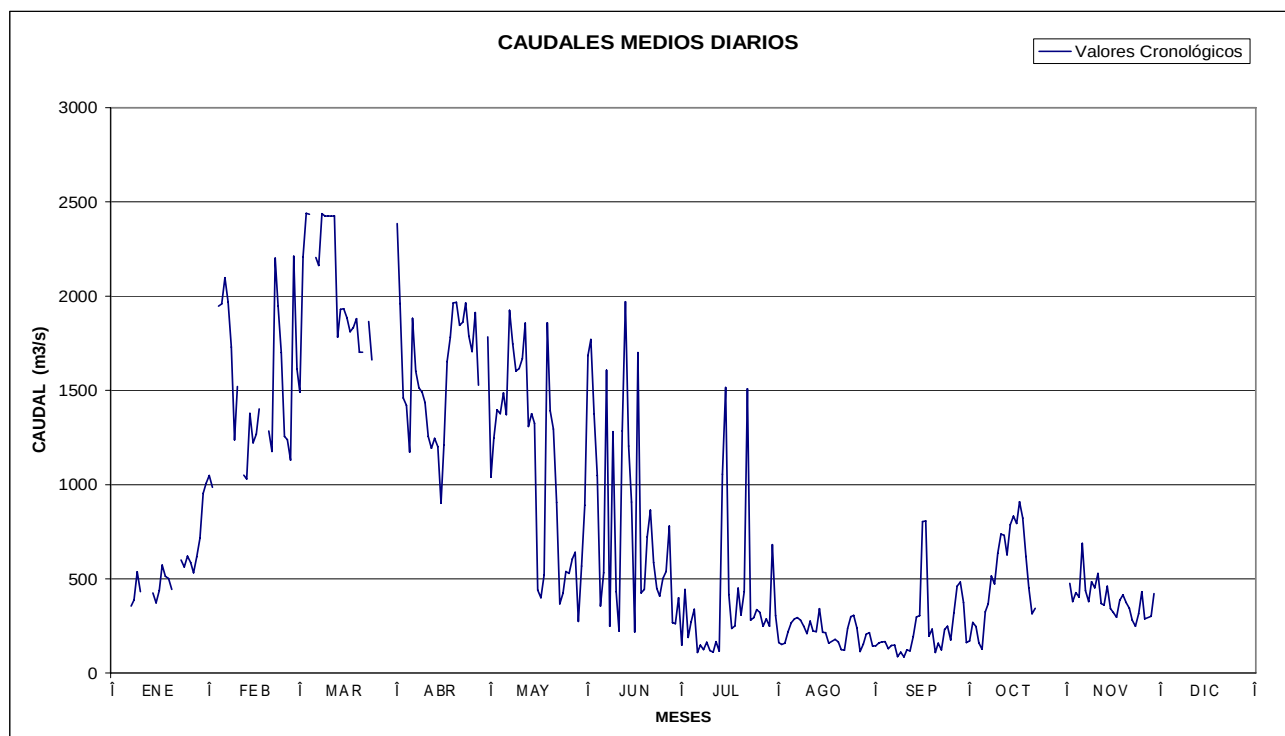


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H168	ESMERALDAS DJ SADE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		1048.099 *	1613.000 *		1783.928 *	890.803 *	399.188 *	304.868 *	144.197 *	163.004 *		
2		985.703 *	1490.547 *	2385.940 *	1040.391 *	1685.967 *	148.364 *	161.532 *	144.474 *	170.019 *		
3			2208.425 *	1961.306 *	1247.292 *	1770.157 *	442.930 *	151.666 *	159.858 *	269.399 *	475.681 *	
4		1945.926 *	2440.548 *	1458.809 *	1397.236 *	1376.183 *	190.416 *	158.162 *	165.693 *	246.519 *	379.227 *	
5		1958.198 *	2433.651 *	1419.774 *	1376.183 *	1048.099 *	270.437 *	221.072 *	166.553 *	160.713 *	427.844 *	
6		2099.258 *		1173.611 *	1486.782 *	354.818 *	339.711 *	267.750 *	130.509 *	126.340 *	403.154 *	
7	354.818 *	1967.417 *	2204.985 *	1882.227 *	1370.520 *	531.075 *	109.618 *	287.643 *	146.761 *	325.130 *	689.360 *	
8	387.118 *	1729.445 *	2161.796 *	1602.007 *	1924.942 *	1607.598 *	148.690 *	294.609 *	148.863 *	367.410 *	437.674 *	
9	537.824 *	1236.372 *	2437.097 *	1513.704 *	1746.652 *	248.356 *	124.519 *	281.012 *	88.592 *	515.407 *	379.189 *	
10	432.617 *	1520.082 *	2423.339 *	1490.547 *	1603.261 *	1281.158 *	163.988 *	248.356 *	110.822 *	472.469 *	484.006 *	
11			2426.775 *	1435.068 *	1615.858 *	432.617 *	120.161 *	208.898 *	85.893 *	635.075 *	451.773 *	
12	549.980 *	1050.627 *	2423.339 *	1256.277 *	1669.160 *	223.828 *	111.697 *	276.216 *	122.471 *	737.490 *	529.531 *	
13		1030.679 *	2426.775 *	1193.148 *	1856.689 *	1285.129 *	166.757 *	223.828 *	117.248 *	731.026 *	369.362 *	
14	425.025 *	1378.174 *	1782.669 *	1245.945 *	1307.796 *	1970.560 *	115.183 *	221.072 *	194.412 *	626.912 *	359.943 *	
15	372.738 *	1221.444 *	1930.652 *	1200.735 *	1376.183 *	1205.010 *	1055.112 *	340.914 *	298.766 *	786.914 *	461.473 *	
16	438.977 *	1268.183 *	1933.966 *	900.971 *	1325.531 *	907.149 *	1514.716 *	216.460 *	305.111 *	833.340 *	341.206 *	
17	574.004 *	1402.549 *	1885.941 *	1209.999 *	441.443 *	217.296 *	416.835 *	214.089 *	803.085 *	793.753 *	321.151 *	
18	514.062 *		1811.341 *	1652.795 *	399.696 *	1700.965 *	235.926 *	158.381 *	807.605 *	909.871 *	295.786 *	
19	501.935 *		1833.436 *	1781.175 *	520.364 *	425.025 *	251.475 *	167.697 *	196.764 *	822.288 *	385.772 *	
20	444.643 *	1285.129 *	1880.051 *	1964.369 *	1859.591 *	444.643 *	450.536 *	178.736 *	233.136 *	620.114 *	415.478 *	
21		1176.748 *	1703.174 *	1967.497 *	1391.290 *	723.135 *	308.540 *	165.775 *	110.249 *	453.161 *	375.260 *	
22		2201.897 *	1703.204 *	1844.587 *	1295.140 *	864.196 *	432.108 *	123.498 *	158.162 *	315.505 *	344.709 *	
23	600.509 *	1948.999 *		1862.049 *	906.321 *	587.104 *	1508.114 *	121.197 *	122.391 *	345.046 *	281.012 *	
24	562.707 *	1700.965 *	1865.412 *	1964.369 *	368.129 *	449.077 *	281.012 *	237.916 *	230.777 *		248.356 *	
25	620.618 *	1256.789 *	1660.631 *	1787.224 *	424.510 *	407.163 *	294.609 *	299.676 *	248.567 *		315.505 *	
26	587.104 *	1238.877 *		1706.052 *	538.869 *	502.030 *	337.408 *	306.522 *	174.903 *		432.108 *	
27	531.789 *	1129.979 *		1912.380 *	529.531 *	538.869 *	322.806 *	240.163 *	320.501 *		287.643 *	
28	617.084 *	2211.871 *	1936.783 *	1527.341 *	604.672 *	780.341 *	248.356 *	114.498 *	461.065 *		295.111 *	
29	715.349 *				640.713 *	267.750 *	287.643 *	154.000 *	483.474 *		301.407 *	
30	952.870 *				274.214 *	261.119 *	248.689 *	206.919 *	374.995 *		421.415 *	
31	1005.618 *				567.569 *		681.206 *	214.042 *				
Caudal Max.					1979.759 *	1992.141 *	1992.141 *	486.842 *	1528.073 *			
Día					1	14	16	15	17			
Hora					7	7	7	16	17			
Caudal Min.					244.134 *	176.931 *	109.618 *	73.566 *	64.927 *			
Día					29	18	7	22	15			
Hora					17	18	7	16	7			
Caudal Medio	558.447	1499.725	2025.731	1603.700	1125.498	832.907	378.282	218.296	241.863	496.822	389.648	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



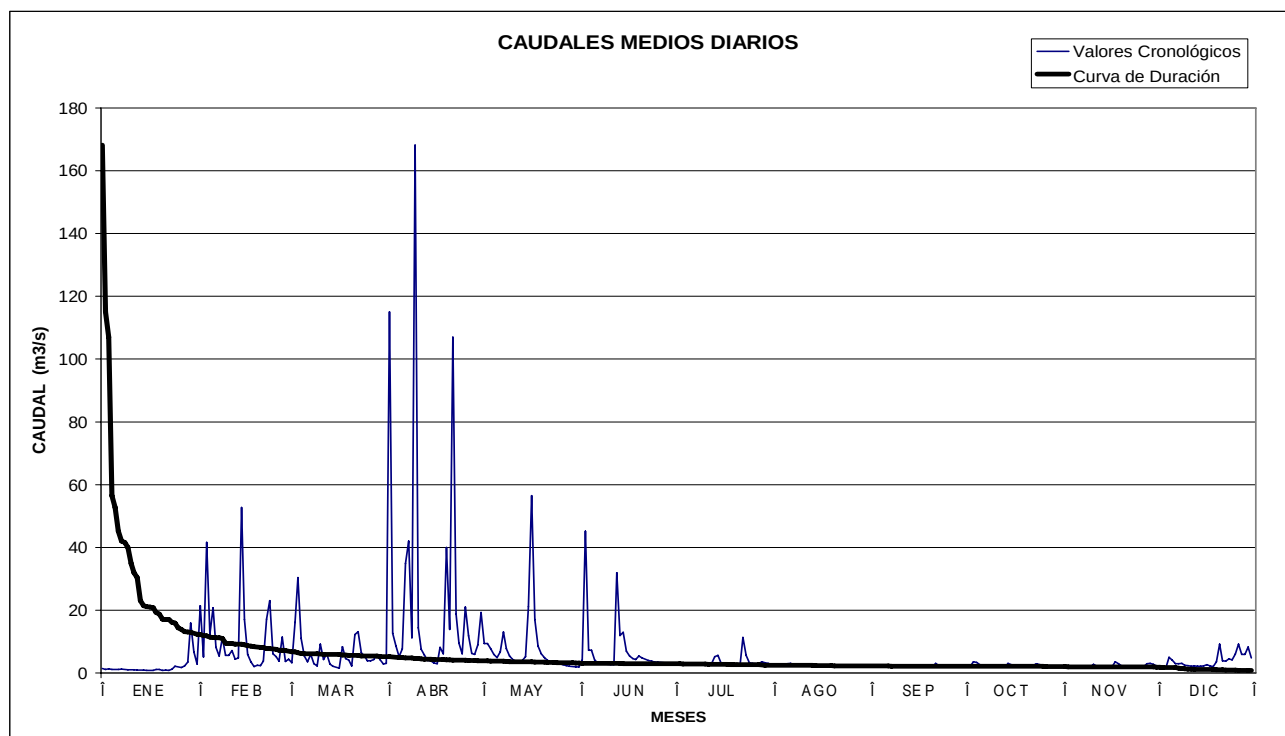
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H172	TEAONE DJ TABIAZO											Area Drenaje:440 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.442 *	21.425 *	4.400 *	3.178 *	19.319 *	1.948 *	2.995 *	2.765 *	2.235 *	2.137 *	1.948 *	2.336 *
2	1.221 *	5.143 *	3.303 *	115.070 *	9.384 *	4.104 *	2.995 *	2.880 *	2.235 *	2.451 *	1.948 *	2.186 *
3	1.335 *	41.675 *	16.128 *	12.707 *	9.430 *	45.224 *	2.995 *	2.880 *	2.235 *	2.186 *	1.948 *	2.089 *
4	1.150 *	12.342 *	30.388 *	8.698 *	7.812 *	7.343 *	2.879 *	2.765 *	2.235 *	3.653 *	1.948 *	2.041 *
5	1.117 *	20.845 *	11.025 *	5.238 *	5.912 *	7.297 *	2.937 *	2.765 *	2.186 *	3.427 *	1.857 *	5.070 *
6	1.117 *	8.174 *	5.509 *	7.706 *	4.915 *	4.178 *	2.995 *	2.937 *	2.137 *	2.712 *	1.948 *	4.112 *
7	1.292 *	5.483 *	3.687 *	34.956 *	6.730 *	3.299 *	2.879 *	3.116 *	2.137 *	2.336 *	1.903 *	2.937 *
8	1.117 *	11.288 *	6.001 *	42.075 *	13.073 *	3.687 *	2.937 *	2.709 *	2.186 *	2.186 *	1.857 *	2.937 *
9	1.052 *	5.616 *	2.945 *	11.261 *	7.728 *	2.995 *	3.175 *	2.545 *	2.388 *	2.137 *	1.857 *	3.116 *
10	1.085 *	5.666 *	2.336 *	168.113 *	5.489 *	2.765 *	3.175 *	2.545 *	2.186 *	2.186 *	2.042 *	2.547 *
11	1.052 *	7.212 *	9.191 *	14.462 *	4.310 *	2.654 *	3.299 *	2.545 *	2.137 *	2.500 *	2.770 *	2.388 *
12	0.988 *	4.386 *	4.266 *	7.609 *	3.821 *	2.655 *	2.765 *	2.492 *	2.137 *	2.441 *	2.286 *	2.235 *
13	0.957 *	4.853 *	6.202 *	5.735 *	3.236 *	31.943 *	3.001 *	2.439 *	2.041 *	2.089 *	2.137 *	2.337 *
14	0.957 *	52.813 *	2.880 *	4.060 *	3.964 *	12.009 *	5.218 *	2.388 *	2.041 *	2.041 *	2.089 *	2.137 *
15	0.897 *	17.058 *	2.236 *	3.888 *	5.238 *	13.000 *	5.657 *	2.336 *	2.041 *	3.127 *	2.041 *	2.137 *
16	0.897 *	5.943 *	1.903 *	3.238 *	21.202 *	6.913 *	3.116 *	2.336 *	2.041 *	2.655 *	2.336 *	2.341 *
17	0.897 *	3.619 *	1.560 *	2.995 *	56.498 *	5.398 *	2.937 *	2.388 *	2.041 *	2.186 *	2.186 *	2.712 *
18	1.131 *	2.097 *	8.448 *	8.204 *	17.044 *	4.682 *	2.709 *	2.336 *	2.041 *	2.451 *	3.652 *	2.286 *
19	1.119 *	2.460 *	4.657 *	6.135 *	8.648 *	4.310 *	2.654 *	2.336 *	2.137 *	2.186 *	2.937 *	2.089 *
20	0.897 *	2.426 *	4.109 *	40.073 *	6.180 *	5.509 *	2.545 *	2.235 *	2.137 *	2.137 *	2.336 *	3.590 *
21	0.958 *	3.836 *	2.341 *	13.950 *	4.919 *	4.839 *	2.545 *	2.235 *	2.041 *	2.137 *	2.186 *	9.214 *
22	0.897 *	17.226 *	12.207 *	107.005 *	4.167 *	4.386 *	2.545 *	2.235 *	3.063 *	2.286 *	2.041 *	3.892 *
23	1.269 *	23.114 *	13.233 *	18.797 *	3.684 *	4.025 *	11.425 *	2.235 *	2.441 *	2.439 *	1.948 *	3.773 *
24	2.194 *	6.201 *	6.456 *	9.541 *	3.488 *	3.819 *	5.693 *	2.137 *	2.336 *	2.995 *	1.948 *	4.571 *
25	2.002 *	5.318 *	5.410 *	6.180 *	3.427 *	3.553 *	3.299 *	2.137 *	2.235 *	2.709 *	1.857 *	4.246 *
26	1.774 *	3.860 *	3.888 *	21.033 *	2.880 *	3.488 *	3.116 *	2.137 *	2.137 *	2.600 *	2.042 *	6.056 *
27	2.247 *	11.495 *	3.888 *	11.896 *	2.655 *	3.424 *	2.995 *	2.137 *	2.041 *	2.286 *	2.089 *	9.197 *
28	3.489 *	3.752 *	4.297 *	6.274 *	2.388 *	3.299 *	3.055 *	2.137 *	1.948 *	2.137 *	2.953 *	5.997 *
29	15.979 *		5.806 *	5.919 *	2.186 *	3.175 *	3.687 *	2.137 *	1.948 *	2.186 *	3.116 *	5.919 *
30	6.829 *		4.201 *	8.990 *	2.089 *	3.114 *	3.299 *	2.236 *	2.235 *	2.041 *	2.825 *	8.270 *
31	2.891 *		2.880 *		1.995 *		3.116 *	2.137 *		2.041 *		4.839 *
Caudal Max.	22.877 *	72.870 *	33.072 *	304.087 *	85.292 *	72.870 *	20.304 *	3.236 *	3.361 *	5.072 *	4.310 *	12.522 *
Día	29	3	4	10	17	3	23	7	22	4	18	21
Hora	18	7	18	7	18	7	18	7	7	18	7	7
Caudal Min.	0.897 *	1.683 *	1.519 *	2.995 *	1.948 *	1.948 *	2.545 *	2.137 *	1.948 *	2.041 *	1.857 *	1.948 *
Día	vv	19	18	17	31	1	vv	vv	vv	vv	vv	20
Hora		7	7	18	18	18						7
Caudal Medio	2.008	11.262	6.315	23.833	8.187	6.968	3.504	2.440	2.179	2.422	2.234	3.858

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



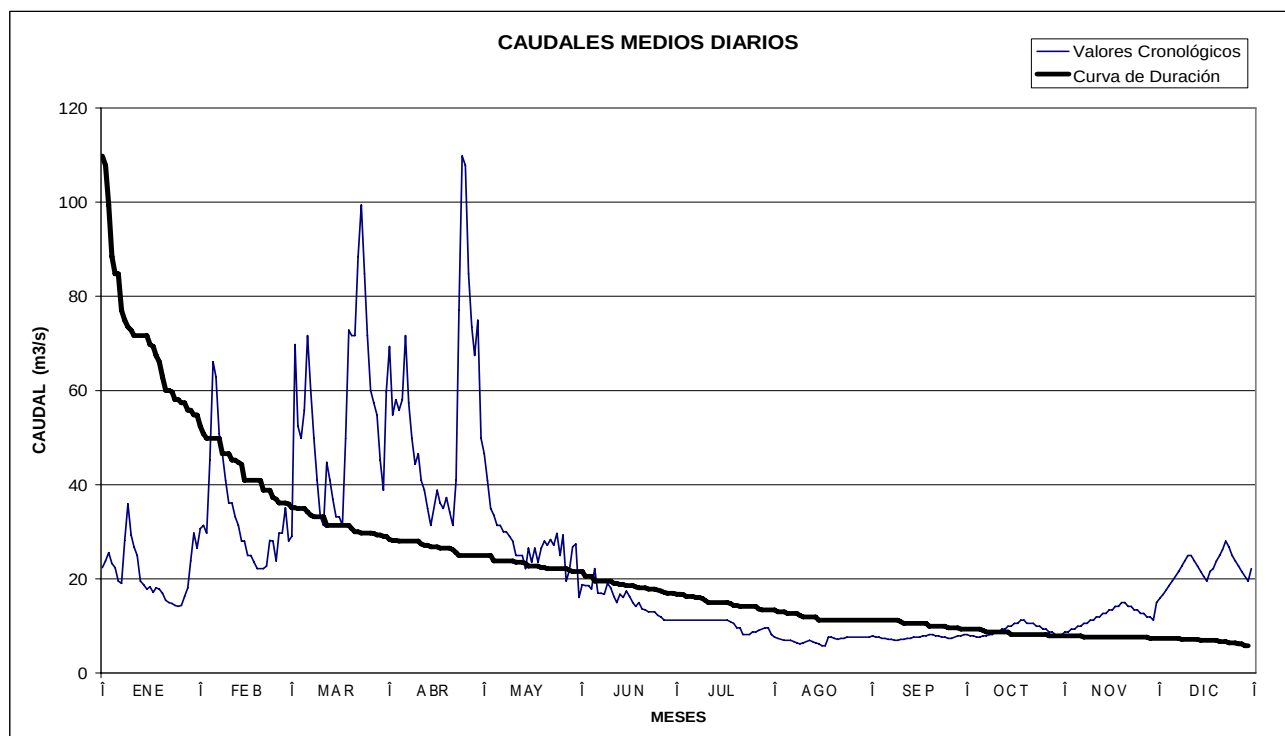
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H188	PILATON D.J. CHITOA (EN LA ESPERIE)											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	22.416 *	30.700 *	28.051 *	59.691 *	49.881 *	16.078 *	11.242 *	8.200 *	7.670 *	8.200 *	8.200 *	14.994 *
2	23.813 *	31.382 *	29.034 *	69.353 *	46.578 *	18.815 *	11.242 *	7.670 *	7.932 *	8.200 *	8.756 *	15.837 *
3	25.575 *	29.716 *	69.770 *	54.826 *	40.938 *	18.568 *	11.242 *	7.414 *	7.670 *	7.932 *	8.756 *	16.712 *
4	23.251 *	45.256 *	52.435 *	58.058 *	34.979 *	18.582 *	11.242 *	7.164 *	7.670 *	7.932 *	9.337 *	17.621 *
5	22.416 *	66.084 *	49.881 *	55.824 *	33.508 *	17.864 *	11.242 *	6.920 *	7.414 *	7.670 *	9.337 *	18.564 *
6	19.542 *	62.891 *	55.824 *	58.058 *	31.382 *	22.147 *	11.242 *	6.920 *	7.414 *	7.670 *	9.944 *	19.542 *
7	19.053 *	50.818 *	71.707 *	71.707 *	31.382 *	16.946 *	11.242 *	6.920 *	7.164 *	7.932 *	9.944 *	20.555 *
8	28.178 *	46.578 *	60.104 *	57.381 *	30.018 *	16.938 *	11.242 *	6.681 *	7.164 *	7.932 *	10.579 *	21.604 *
9	35.934 *	40.938 *	49.881 *	49.881 *	30.018 *	16.717 *	11.242 *	6.449 *	6.920 *	8.200 *	10.579 *	22.690 *
10	29.357 *	36.125 *	40.938 *	44.344 *	29.034 *	19.053 *	11.242 *	6.222 *	6.920 *	8.200 *	11.242 *	23.813 *
11	26.795 *	36.125 *	33.181 *	46.578 *	28.051 *	18.093 *	11.242 *	6.449 *	7.164 *	8.756 *	11.242 *	24.975 *
12	24.975 *	33.181 *	31.382 *	40.938 *	24.975 *	16.275 *	11.242 *	6.681 *	7.164 *	8.756 *	11.932 *	24.975 *
13	19.542 *	31.382 *	44.796 *	38.855 *	24.975 *	14.994 *	11.242 *	6.920 *	7.414 *	9.337 *	11.932 *	23.813 *
14	18.807 *	28.051 *	40.938 *	34.979 *	24.975 *	16.779 *	11.242 *	6.681 *	7.414 *	9.337 *	12.652 *	22.690 *
15	17.864 *	28.051 *	36.917 *	31.382 *	22.142 *	16.054 *	11.242 *	6.449 *	7.670 *	9.944 *	12.652 *	21.604 *
16	18.352 *	24.975 *	33.181 *	35.119 *	26.513 *	17.392 *	11.242 *	6.222 *	7.670 *	9.944 *	13.402 *	20.555 *
17	17.163 *	24.975 *	33.181 *	38.855 *	23.558 *	16.275 *	11.242 *	5.786 *	7.670 *	10.579 *	13.402 *	19.542 *
18	18.093 *	23.530 *	31.382 *	36.125 *	26.513 *	14.994 *	11.242 *	5.786 *	7.932 *	10.579 *	14.182 *	21.604 *
19	17.855 *	22.142 *	49.881 *	34.979 *	23.558 *	14.182 *	10.907 *	7.670 *	7.932 *	11.242 *	14.182 *	22.142 *
20	16.938 *	22.142 *	72.816 *	37.271 *	26.513 *	14.994 *	10.579 *	7.670 *	8.200 *	11.242 *	14.994 *	23.813 *
21	15.415 *	22.142 *	71.707 *	34.243 *	28.051 *	13.603 *	9.637 *	7.414 *	8.200 *	10.579 *	14.994 *	24.975 *
22	14.994 *	22.694 *	71.707 *	31.382 *	27.113 *	13.402 *	9.637 *	7.164 *	7.932 *	10.579 *	14.182 *	26.175 *
23	14.789 *	28.178 *	88.452 *	40.938 *	28.373 *	13.023 *	8.200 *	7.414 *	7.932 *	10.579 *	14.182 *	28.051 *
24	14.383 *	28.051 *	99.449 *	77.013 *	27.163 *	13.023 *	8.200 *	7.414 *	7.670 *	9.944 *	13.402 *	26.790 *
25	14.182 *	23.832 *	84.788 *	109.829 *	29.695 *	13.023 *	8.200 *	7.670 *	7.670 *	9.944 *	13.402 *	24.975 *
26	14.383 *	29.716 *	71.707 *	107.839 *	24.975 *	12.289 *	8.756 *	7.670 *	7.414 *	9.337 *	12.652 *	23.813 *
27	16.275 *	29.716 *	60.104 *	84.788 *	29.357 *	11.932 *	8.756 *	7.670 *	7.414 *	9.337 *	12.652 *	22.690 *
28	18.093 *	35.119 *	57.381 *	73.533 *	19.542 *	11.242 *	9.043 *	7.670 *	7.670 *	8.756 *	11.932 *	21.604 *
29	23.796 *		54.826 *	67.445 *	21.873 *	11.242 *	9.337 *	7.670 *	7.932 *	8.756 *	11.932 *	20.555 *
30	29.716 *		45.256 *	74.975 *	26.835 *	11.242 *	9.637 *	7.670 *	7.932 *	8.200 *	11.242 *	19.542 *
31	26.513 *		38.855 *		27.461 *		9.637 *	7.670 *				22.142 *
Caudal Max.	40.486 *	74.787 *	111.489 *	120.099 *	52.272 *	22.690 *	11.241 *	8.200 *	8.200 *		14.994 *	28.051 *
Día	9	5	3	26	1	6	6	1	vv		vv	23
Hora	7	7	17	7	7	17	7	7				7
Caudal Min.	14.182 *	22.142 *	28.051 *	31.382 *	19.542 *	11.241 *	8.200 *	5.786 *	6.920 *		8.200 *	14.994 *
Día	25	vv	1	vv	28	28	vv	vv	vv		1	1
Hora	17		7		7	7					17	17
Caudal Medio	20.918	33.375	53.533	55.206	29.030	15.525	10.415	7.096	7.597	9.186	11.927	21.902

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

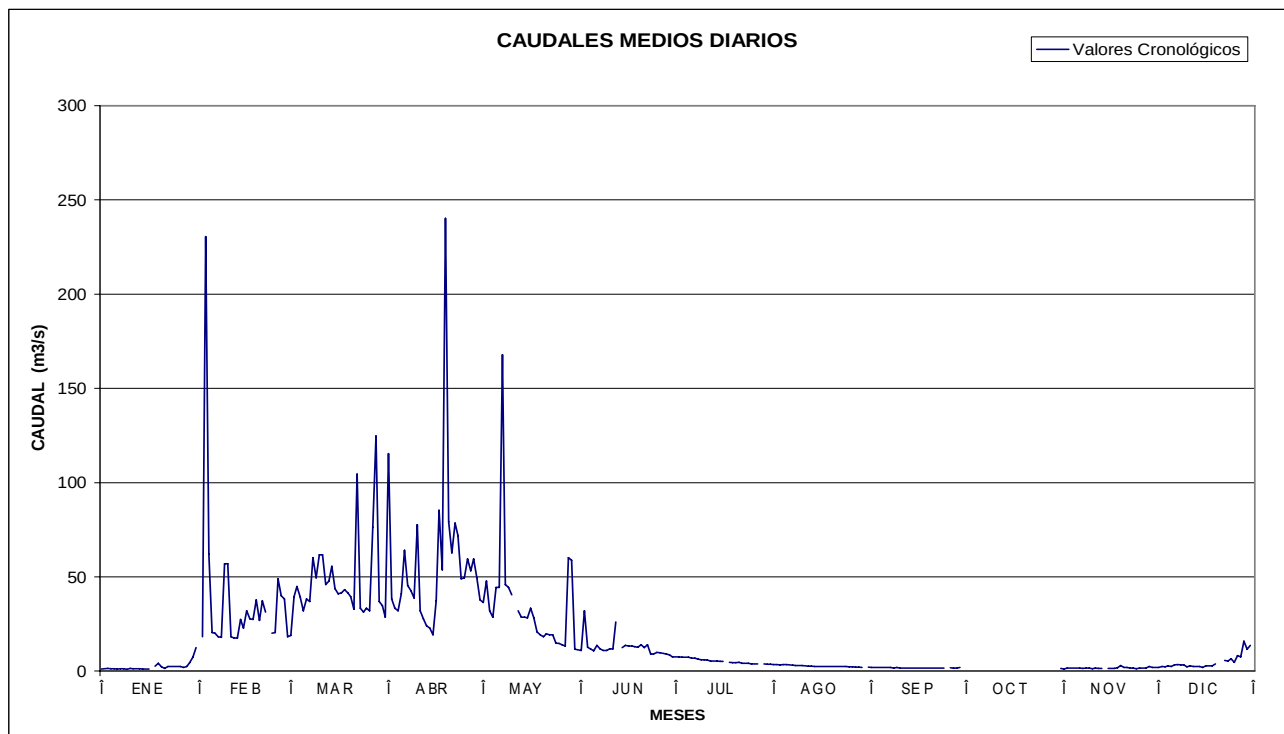


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H216	BUA AJ QUININDE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.049 *		18.269 *	28.690 *	37.850 *	11.331 *	7.574 *	3.613 *	2.132 *		1.493 *	1.906 *
2	1.306 *	18.269 *	18.985 *	115.295 *	36.316 *	11.057 *	7.574 *	3.462 *	2.017 *		1.049 *	1.906 *
3	1.397 *	230.434 *	39.417 *	38.369 *	47.744 *	31.912 *	7.574 *	3.462 *	2.017 *		1.591 *	2.496 *
4	1.217 *	62.126 *	44.877 *	33.348 *	31.912 *	12.758 *	7.351 *	3.314 *	2.017 *		1.693 *	2.250 *
5	1.217 *	20.459 *	39.417 *	31.912 *	28.690 *	11.892 *	7.351 *	3.462 *	2.017 *		1.693 *	2.755 *
6	1.131 *	20.085 *	31.912 *	41.016 *	44.314 *	10.785 *	7.351 *	3.462 *	1.906 *		1.693 *	2.372 *
7	1.306 *	18.269 *	38.369 *	64.146 *	44.314 *	13.657 *	6.916 *	3.314 *	1.906 *		1.591 *	3.314 *
8	1.217 *	17.916 *	36.824 *	45.443 *	167.842 *	11.892 *	6.916 *	3.169 *	1.906 *		1.493 *	3.462 *
9	0.894 *	56.901 *	60.139 *	42.649 *	46.013 *	11.057 *	6.289 *	2.890 *	1.693 *		1.693 *	3.314 *
10	1.397 *	56.901 *	49.509 *	38.891 *	44.314 *	11.057 *	6.087 *	2.890 *	1.906 *		1.693 *	3.314 *
11	1.306 *	18.269 *	61.764 *	77.723 *	40.479 *	11.892 *	6.087 *	2.890 *	1.693 *		1.306 *	2.250 *
12	1.217 *	17.568 *	61.617 *	31.912 *		11.892 *	5.888 *	2.755 *	1.693 *		1.591 *	2.755 *
13	1.217 *	17.568 *	46.013 *	27.802 *	31.912 *	26.070 *	5.312 *	2.624 *	1.693 *		1.493 *	2.496 *
14	1.131 *	27.364 *	47.744 *	23.985 *	28.690 *		5.312 *	2.624 *	1.693 *		1.493 *	2.496 *
15	1.049 *	22.777 *	55.632 *	22.777 *	28.690 *	12.466 *	5.312 *	2.496 *	1.591 *			2.496 *
16	1.049 *	31.912 *	43.755 *	19.348 *	28.244 *	13.657 *	5.127 *	2.496 *	1.591 *		1.493 *	2.017 *
17		27.802 *	41.016 *	37.335 *	33.348 *	13.354 *	5.127 *	2.496 *	1.591 *		1.493 *	2.755 *
18	2.624 *	27.364 *	41.557 *	85.412 *	28.244 *	13.354 *		2.496 *	1.591 *		1.493 *	2.755 *
19	4.087 *	37.850 *	43.200 *	53.757 *	20.836 *	13.054 *	4.767 *	2.496 *	1.591 *		1.798 *	2.755 *
20	2.250 *	26.929 *	41.557 *	240.251 *	19.348 *	12.758 *	4.420 *	2.496 *	1.693 *		2.890 *	3.926 *
21	1.493 *	37.335 *	39.417 *	79.231 *	18.269 *	13.963 *	4.420 *	2.496 *	1.591 *		2.017 *	
22	2.496 *	31.441 *	32.865 *	62.796 *	19.715 *	12.466 *	4.767 *	2.496 *	1.591 *		1.906 *	
23	2.372 *		104.478 *	78.475 *	19.348 *	13.963 *	4.252 *	2.496 *	1.591 *		1.693 *	5.693 *
24	2.372 *	20.085 *	33.348 *	71.842 *	19.348 *	8.983 *	4.252 *	2.372 *	1.693 *		1.693 *	5.312 *
25	2.496 *	20.459 *	31.441 *	48.917 *	14.904 *	8.983 *	4.087 *	2.372 *	1.693 *		1.306 *	6.494 *
26	2.496 *	48.917 *	33.348 *	49.509 *	14.587 *	9.992 *	3.926 *	2.250 *			1.591 *	4.767 *
27	1.906 *	39.946 *	31.912 *	59.484 *	13.963 *	9.735 *	3.926 *	2.250 *	1.798 *		1.591 *	8.263 *
28	2.372 *	38.369 *	76.231 *	53.139 *	13.354 *	9.481 *	3.926 *	2.132 *	1.591 *		1.591 *	7.574 *
29	4.420 *		124.687 *	59.484 *	60.139 *	8.983 *		2.132 *	1.693 *		2.372 *	15.876 *
30	7.351 *		36.824 *	49.509 *	58.833 *	8.500 *	3.768 *	2.017 *	2.017 *		2.017 *	11.610 *
31	12.466 *		34.816 *		11.610 *		3.613 *					13.657 *
Caudal Max.			133.466 *	273.147 *								
Día			23	20								
Hora			7	17								
Caudal Min.			18.269 *	19.348 *								
Día			1	16								
Hora			17	17								
Caudal Medio	2.343	38.204	46.482	57.082	35.106	12.791	5.492	2.731	1.765		1.672	4.587

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



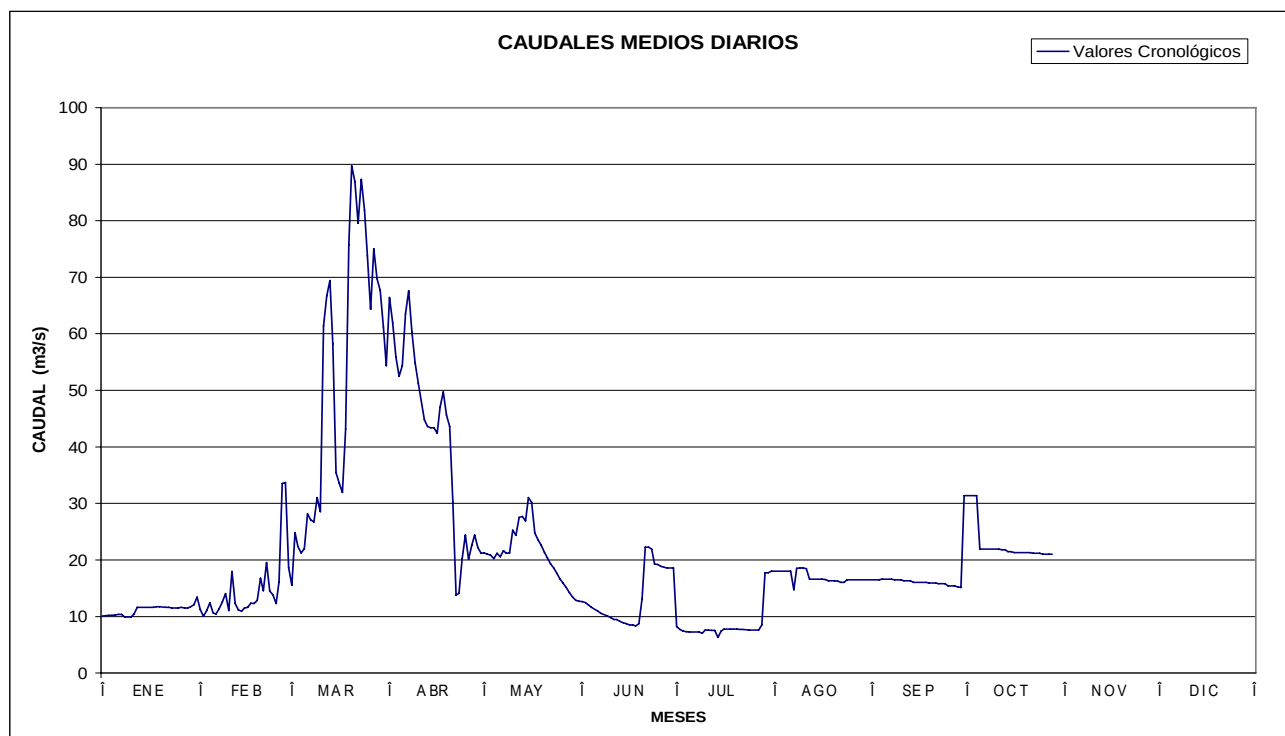
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H229	CARRIZAL EN CALCETA										Area Drenaje:546 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	10.112 *	11.254 *	18.641 *	54.363 *	21.170 *	12.722 *	18.595 *	18.017 *	16.477 *	31.374 *		
2	10.164 *	10.060 *	15.538 *	66.435 *	21.249 *	12.663 *	8.244 *	18.017 *	16.477 *	31.374 *		
3	10.216 *	11.072 *	24.818 *	61.932 *	21.013 *	12.487 *	7.695 *	18.017 *	16.477 *	31.374 *		
4	10.216 *	12.431 *	22.366 *	55.967 *	20.857 *	12.024 *	7.430 *	18.017 *	16.477 *	31.374 *		
5	10.268 *	10.640 *	21.271 *	52.516 *	20.240 *	11.627 *	7.343 *	18.017 *	16.614 *	31.374 *		
6	10.374 *	10.480 *	21.994 *	54.372 *	21.170 *	11.292 *	7.255 *	18.017 *	16.614 *	21.962 *		
7	10.374 *	11.403 *	28.164 *	63.503 *	20.547 *	10.909 *	7.255 *	18.017 *	16.614 *	21.962 *		
8	9.956 *	12.565 *	27.062 *	67.626 *	21.644 *	10.532 *	7.255 *	14.750 *	16.614 *	21.962 *		
9	9.905 *	14.028 *	26.702 *	60.369 *	21.170 *	10.321 *	7.255 *	18.523 *	16.477 *	21.962 *		
10	9.905 *	11.072 *	31.012 *	54.895 *	21.250 *	10.112 *	7.084 *	18.595 *	16.477 *	21.962 *		
11	10.434 *	17.965 *	28.522 *	51.226 *	25.297 *	9.802 *	7.606 *	18.595 *	16.477 *	21.962 *		
12	11.627 *	12.317 *	61.375 *	48.199 *	24.353 *	9.498 *	7.606 *	18.450 *	16.341 *	21.962 *		
13	11.627 *	11.183 *	66.719 *	44.800 *	27.514 *	9.448 *	7.518 *	16.614 *	16.341 *	21.802 *		
14	11.627 *	10.909 *	69.446 *	43.616 *	27.694 *	9.150 *	7.518 *	16.614 *	16.341 *	21.802 *		
15	11.627 *	11.517 *	58.240 *	43.382 *	26.881 *	8.906 *	6.339 *	16.614 *	16.070 *	21.802 *		
16	11.627 *	11.627 *	35.418 *	43.382 *	31.025 *	8.713 *	7.430 *	16.614 *	16.070 *	21.802 *		
17	11.627 *	12.374 *	33.566 *	42.452 *	30.215 *	8.523 *	7.785 *	16.614 *	16.070 *	21.327 *		
18	11.739 *	12.312 *	31.964 *	46.974 *	24.781 *	8.523 *	7.785 *	16.545 *	16.070 *	21.327 *		
19	11.739 *	12.840 *	43.134 *	49.728 *	23.597 *	8.335 *	7.785 *	16.341 *	16.070 *	21.327 *		
20	11.683 *	16.822 *	75.716 *	45.639 *	22.609 *	8.761 *	7.785 *	16.341 *	15.936 *	21.327 *		
21	11.627 *	14.564 *	89.700 *	43.617 *	21.406 *	13.139 *	7.785 *	16.341 *	15.936 *	21.327 *		
22	11.627 *	19.585 *	86.947 *	30.207 *	20.393 *	22.284 *	7.740 *	16.273 *	15.936 *	21.327 *		
23	11.514 *	14.500 *	79.558 *	13.750 *	19.334 *	22.284 *	7.695 *	16.070 *	15.803 *	21.169 *		
24	11.514 *	13.880 *	87.284 *	14.124 *	18.597 *	21.963 *	7.651 *	16.070 *	15.803 *	21.169 *		
25	11.514 *	12.312 *	81.862 *	20.248 *	17.661 *	19.259 *	7.606 *	16.477 *	15.803 *	21.169 *		
26	11.627 *	16.151 *	73.784 *	24.446 *	16.615 *	19.184 *	7.606 *	16.477 *	15.405 *	21.013 *		
27	11.514 *	33.540 *	64.366 *	20.087 *	15.936 *	18.889 *	7.606 *	16.477 *	15.405 *	21.013 *		
28	11.514 *	33.687 *	75.015 *	22.615 *	15.144 *	18.742 *	7.606 *	16.477 *	15.405 *	21.013 *		
29	11.740 *		69.756 *	24.449 *	14.249 *	18.595 *	8.552 *	16.477 *	15.274 *	21.013 *		
30	12.081 *		67.650 *	22.205 *	13.444 *	18.595 *	17.731 *	16.477 *	15.144 *			
31	13.451 *		61.243 *		12.840 *		17.731 *	16.477 *				
Caudal Max.	14.122 *	39.953 *	94.663 *	75.009 *	33.158 *	22.284 *	18.595 *	18.595 *	16.614 *			
Día	31	28	20	7	16	vv	1	vv	vv			
Hora	18	7	18	18	7		7					
Caudal Min.	9.905 *	9.905 *	15.274 *	13.503 *	12.781 *	8.335 *	6.259 *	11.626 *	15.144 *			
Día	vv	2	2	23	31	19	15	8	30			
Hora		18	18	18	18	18	18	18	18			
Caudal Medio	11.180	14.396	50.930	42.904	21.287	13.243	8.577	17.013	16.101	23.196		

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



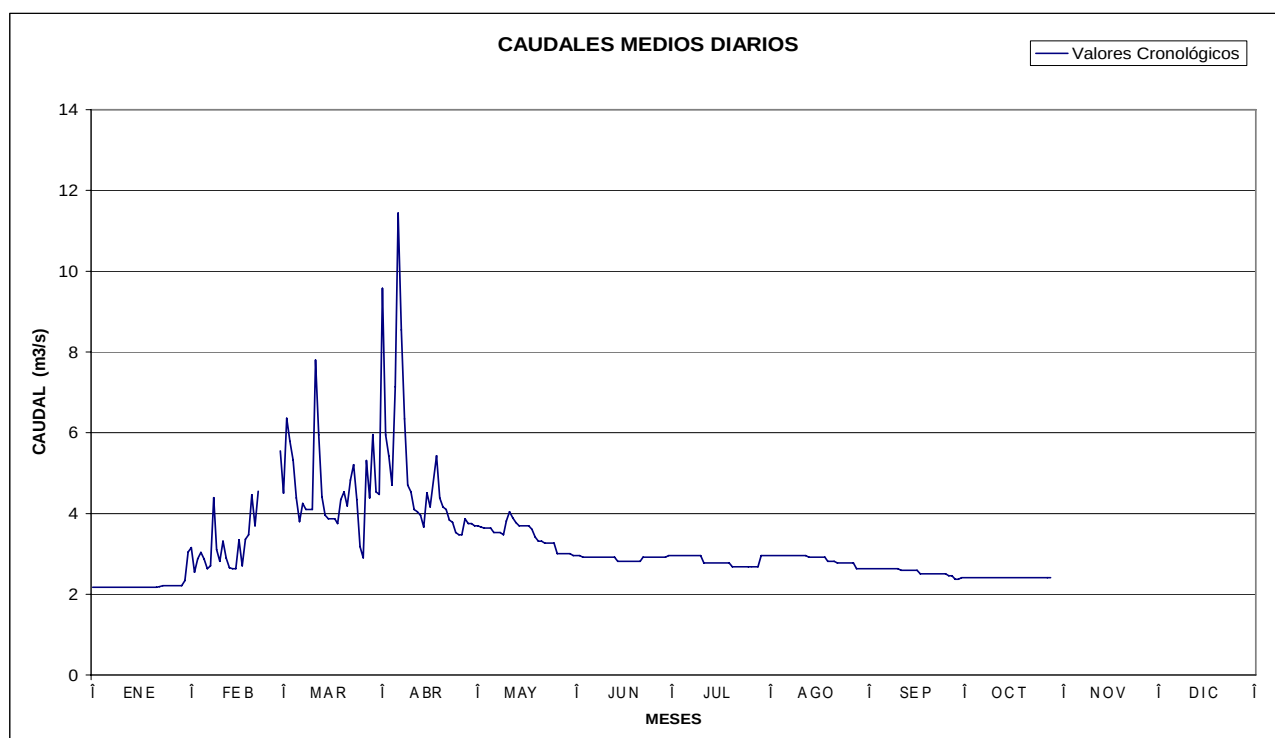
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H233	JUNIN DJ EST.PALMAR										Area Drenaje:175 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2.172 *	3.156 *	5.553 *	4.474 *	3.696 *	2.963 *	2.963 *	2.963 *	2.636 *	2.418 *		
2	2.172 *	2.547 *	4.506 *	9.575 *	3.696 *	2.963 *	2.963 *	2.963 *	2.636 *	2.418 *		
3	2.172 *	2.876 *	6.358 *	5.949 *	3.668 *	2.963 *	2.963 *	2.963 *	2.636 *	2.418 *		
4	2.172 *	3.038 *	5.788 *	5.426 *	3.640 *	2.915 *	2.963 *	2.963 *	2.636 *	2.418 *		
5	2.172 *	2.874 *	5.322 *	4.702 *	3.640 *	2.915 *	2.963 *	2.963 *	2.636 *	2.418 *		
6	2.172 *	2.636 *	4.383 *	7.132 *	3.640 *	2.915 *	2.963 *	2.963 *	2.636 *	2.418 *		
7	2.172 *	2.705 *	3.800 *	11.437 *	3.530 *	2.915 *	2.963 *	2.963 *	2.636 *	2.418 *		
8	2.172 *	4.399 *	4.256 *	8.548 *	3.530 *	2.915 *	2.963 *	2.963 *	2.636 *	2.418 *		
9	2.172 *	3.115 *	4.103 *	6.344 *	3.530 *	2.915 *	2.963 *	2.963 *	2.636 *	2.418 *		
10	2.172 *	2.820 *	4.103 *	4.702 *	3.475 *	2.915 *	2.963 *	2.963 *	2.636 *	2.418 *		
11	2.172 *	3.318 *	4.103 *	4.539 *	3.819 *	2.915 *	2.963 *	2.963 *	2.636 *	2.418 *		
12	2.172 *	2.899 *	7.802 *	4.103 *	4.044 *	2.915 *	2.773 *	2.963 *	2.591 *	2.418 *		
13	2.172 *	2.659 *	5.949 *	4.043 *	3.896 *	2.915 *	2.773 *	2.963 *	2.591 *	2.418 *		
14	2.172 *	2.636 *	4.422 *	3.955 *	3.781 *	2.915 *	2.773 *	2.915 *	2.591 *	2.418 *		
15	2.172 *	2.636 *	3.955 *	3.668 *	3.696 *	2.820 *	2.773 *	2.915 *	2.591 *	2.418 *		
16	2.172 *	3.346 *	3.867 *	4.510 *	3.696 *	2.820 *	2.773 *	2.915 *	2.591 *	2.418 *		
17	2.172 *	2.705 *	3.867 *	4.164 *	3.696 *	2.820 *	2.773 *	2.915 *	2.591 *	2.418 *		
18	2.172 *	3.370 *	3.867 *	4.800 *	3.696 *	2.820 *	2.773 *	2.915 *	2.503 *	2.418 *		
19	2.172 *	3.475 *	3.752 *	5.432 *	3.613 *	2.820 *	2.773 *	2.915 *	2.503 *	2.418 *		
20	2.172 *	4.466 *	4.344 *	4.380 *	3.423 *	2.820 *	2.773 *	2.820 *	2.503 *	2.418 *		
21	2.172 *	3.696 *	4.541 *	4.163 *	3.316 *	2.820 *	2.681 *	2.820 *	2.503 *	2.418 *		
22	2.191 *	4.553 *	4.187 *	4.103 *	3.316 *	2.820 *	2.681 *	2.820 *	2.503 *	2.418 *		
23	2.211 *		4.833 *	3.841 *	3.264 *	2.915 *	2.681 *	2.773 *	2.503 *	2.418 *		
24	2.211 *		5.212 *	3.786 *	3.264 *	2.915 *	2.681 *	2.773 *	2.503 *	2.418 *		
25	2.211 *		4.348 *	3.530 *	3.264 *	2.915 *	2.681 *	2.773 *	2.503 *	2.418 *		
26	2.211 *		3.183 *	3.475 *	3.264 *	2.915 *	2.681 *	2.773 *	2.503 *	2.418 *		
27	2.211 *		2.904 *	3.475 *	3.012 *	2.915 *	2.681 *	2.773 *	2.460 *	2.418 *		
28	2.211 *		5.314 *	3.867 *	3.012 *	2.915 *	2.681 *	2.773 *	2.460 *	2.418 *		
29	2.211 *		4.383 *	3.752 *	3.012 *	2.915 *	2.681 *	2.636 *	2.375 *	2.418 *		
30	2.336 *		5.956 *	3.752 *	3.012 *	2.915 *	2.963 *	2.636 *	2.375 *			
31	3.050 *		4.539 *		3.012 *		2.963 *	2.636 *				
Caudal Max.	3.640 *		9.577 *	12.206 *	4.163 *	2.963 *	2.963 *	2.963 *	2.636 *			
Día	31		12	20	12	vv	vv	vv	vv			
Hora	18		7	7	7							
Caudal Min.	2.171 *		1.765 *	3.475 *	3.012 *	2.820 *	2.681 *	2.636 *	2.375 *			
Día	14		27	vv	vv	vv	vv	vv	vv			
Hora	7		7									
Caudal Medio	2.215	3.178	4.629	4.988	3.489	2.894	2.826	2.871	2.558	2.418		

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

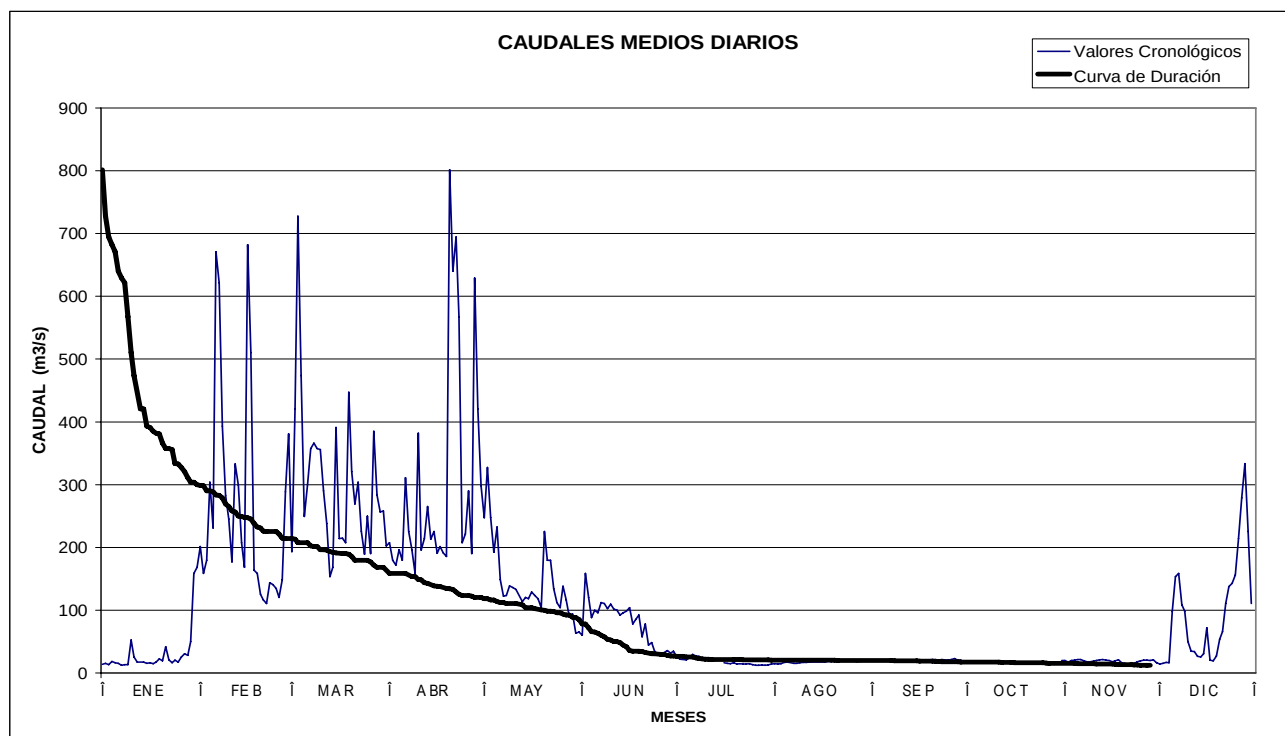


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H326	BABA DJ TOACHI-DCP											Area Drenaje:1410 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	14.235 *	201.481 *	380.836 *	202.514 *	298.560 *	65.364 *	34.653 *	14.513 *	19.426 *		20.094 *	16.278 *
2	15.381 *	158.477 *	193.689 *	207.372 *	247.687 *	60.430 *	26.681 *	14.796 *	20.773 *		20.213 *	14.513 *
3	13.438 *	179.295 *	420.918 *	179.295 *	327.376 *	158.477 *	22.530 *	14.513 *	20.094 *		17.495 *	15.670 *
4	18.451 *	304.440 *	727.627 *	171.920 *	248.315 *	120.901 *	21.477 *	15.086 *	20.773 *		19.757 *	16.875 *
5	16.302 *	231.281 *	473.791 *	196.450 *	192.483 *	88.665 *	21.122 *	16.875 *	20.431 *		20.773 *	16.302 *
6	15.670 *	671.364 *	249.850 *	179.637 *	232.670 *	100.258 *	23.985 *	17.495 *	20.094 *		21.465 *	98.204 *
7	12.339 *	621.938 *	299.794 *	311.377 *	148.915 *	96.229 *	29.884 *	16.267 *	20.094 *		21.814 *	153.612 *
8	13.131 *	393.260 *	357.609 *	225.391 *	122.692 *	112.345 *	27.445 *	15.670 *	20.431 *		19.438 *	158.477 *
9	13.438 *	283.209 *	365.995 *	196.450 *	123.498 *	110.647 *	26.681 *	15.670 *	20.094 *		18.127 *	108.814 *
10	52.994 *	245.765 *	357.609 *	158.477 *	139.016 *	102.490 *	22.181 *	16.267 *	20.094 *		18.127 *	98.527 *
11	25.580 *	177.125 *	356.183 *	381.800 *	136.278 *	109.808 *	20.455 *	17.182 *	20.431 *		18.770 *	50.102 *
12	17.530 *	333.248 *	290.037 *	195.935 *	133.414 *	101.684 *	21.465 *	16.875 *	20.431 *		19.757 *	35.118 *
13	17.507 *	298.933 *	238.388 *	214.289 *	123.498 *	100.885 *	21.814 *	17.495 *	20.094 *		21.116 *	34.256 *
14	17.495 *	207.372 *	153.612 *	265.091 *	114.003 *	92.529 *	19.763 *	17.495 *	20.094 *		21.465 *	26.681 *
15	15.381 *	168.716 *	168.716 *	213.435 *	120.901 *	96.229 *	20.773 *	17.495 *	20.773 *		20.431 *	25.489 *
16	16.302 *	682.096 *	391.157 *	225.391 *	118.284 *	98.527 *		17.495 *	20.094 *		20.094 *	30.746 *
17	14.796 *	510.490 *	214.126 *	191.246 *	128.851 *	104.122 *	16.574 *	17.808 *	20.431 *		18.445 *	72.179 *
18	17.188 *	163.681 *	215.163 *	201.481 *	123.498 *	78.056 *	15.375 *	17.495 *	20.094 *		19.462 *	20.773 *
19	22.548 *	158.477 *	207.372 *	191.395 *	118.264 *	85.129 *	15.086 *	18.770 *	20.773 *		21.266 *	19.462 *
20	19.462 *	125.430 *	447.625 *	185.848 *	104.122 *	92.529 *	16.267 *	18.445 *	21.116 *		16.302 *	27.470 *
21	41.910 *	116.706 *	320.614 *	801.537 *	225.391 *	58.066 *	14.513 *	18.770 *	21.465 *		15.670 *	53.528 *
22	21.170 *	110.714 *	269.752 *	640.273 *	179.295 *	78.056 *	14.802 *	19.426 *	21.465 *		13.680 *	65.987 *
23	16.591 *	143.881 *	304.087 *	694.684 *	179.637 *	44.794 *	14.513 *	20.094 *	20.773 *		15.971 *	110.634 *
24	20.437 *	140.861 *	226.243 *	567.723 *	134.487 *	48.990 *	14.513 *	20.431 *	21.465 *		15.670 *	138.063 *
25	17.188 *	134.991 *	189.094 *	207.372 *	112.345 *	35.118 *	15.086 *	20.094 *	21.116 *		18.127 *	142.840 *
26	25.489 *	120.901 *	249.994 *	221.489 *	104.122 *	30.293 *	13.403 *	21.170 *	20.773 *		19.426 *	156.565 *
27	30.709 *	148.577 *	190.217 *	290.389 *	138.518 *	29.884 *	12.339 *	19.438 *	21.465 *		20.431 *	214.254 *
28	28.234 *	288.969 *	385.020 *	190.560 *	116.706 *	32.954 *	12.339 *	18.445 *	22.884 *		20.773 *	279.092 *
29	50.102 *		283.803 *	629.355 *	88.993 *	36.005 *	12.865 *	18.451 *	20.773 *		19.763 *	333.603 *
30	158.477 *		256.580 *	420.918 *	94.121 *	31.993 *	12.339 *	18.770 *	21.116 *		21.170 *	225.521 *
31	168.716 *		257.918 *		63.481 *		12.865 *	19.095 *				110.647 *
Caudal Max.	173.920 *	715.221 *	784.075 *	931.896 *	371.652 *	163.511 *		23.245 *	23.245 *		24.725 *	356.005 *
Día	31	7	4	21	3	3		26	28		19	29
Hora	7	7	7	7	7	7		7	16		7	7
Caudal Min.	12.079 *	104.888 *	143.712 *	153.442 *	62.242 *	28.637 *		14.229 *	19.095 *		13.131 *	14.229 *
Día	7	22	14	10	31	27		3	1		22	2
Hora	16	16	7	16	16	16		7	7		16	7
Caudal Medio	30.587	261.488	304.626	298.636	152.885	80.049	19.126	17.674	20.664		19.170	92.590

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



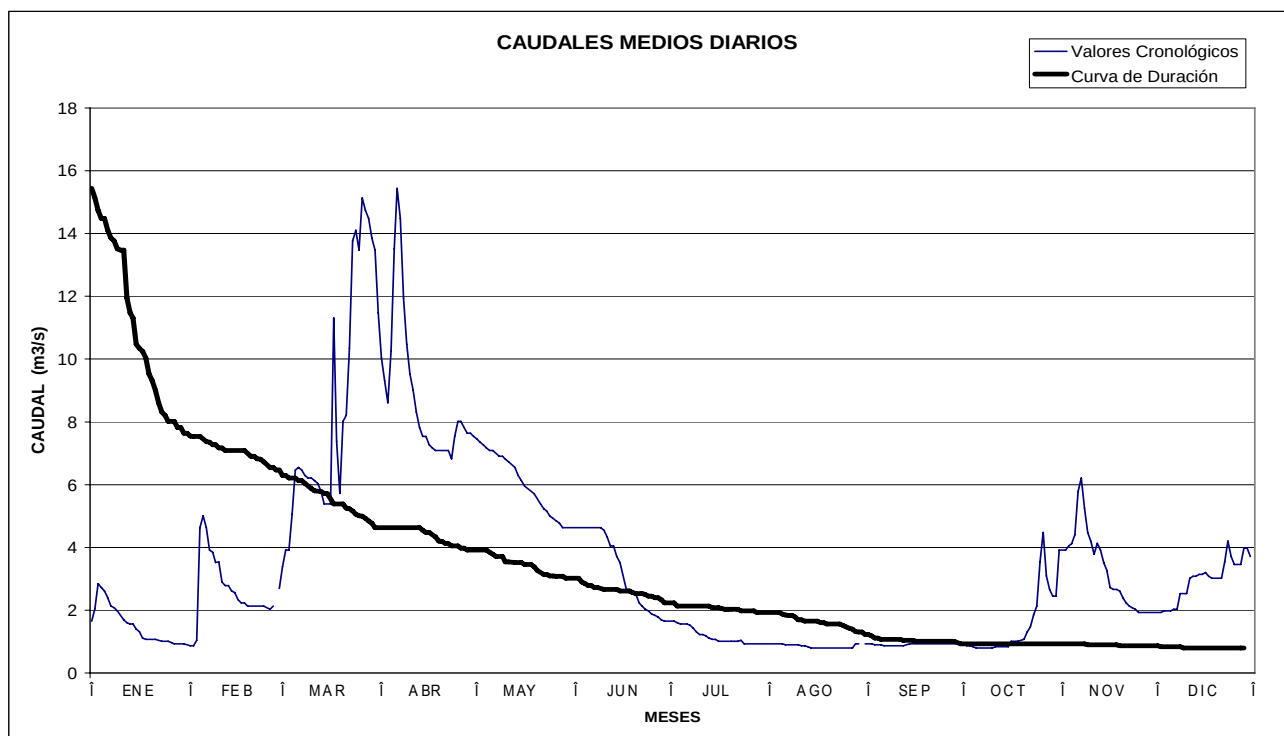
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H331	CHIMBO EN SAN LORENZO												Area Drenaje:660 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	1.652 *	0.868 *	2.699 *	11.475 *	7.546 *	4.627 *	1.652 *	0.936 *	0.936 *	0.936 *	3.918 *	1.933 *	
2	2.050 *	0.868 *	3.393 *	10.041 *	7.453 *	4.627 *	1.652 *	0.936 *	0.936 *	0.936 *	3.918 *	1.933 *	
3	2.843 *	1.049 *	3.918 *	9.311 *	7.361 *	4.627 *	1.652 *	0.936 *	0.936 *	0.868 *	3.918 *	1.933 *	
4	2.727 *	4.627 *	3.918 *	8.606 *	7.269 *	4.627 *	1.607 *	0.936 *	0.902 *	0.868 *	4.055 *	1.982 *	
5	2.614 *	5.009 *	5.065 *	10.246 *	7.178 *	4.627 *	1.563 *	0.936 *	0.902 *	0.836 *	4.125 *	1.982 *	
6	2.394 *	4.627 *	6.471 *	13.508 *	7.087 *	4.627 *	1.563 *	0.936 *	0.902 *	0.803 *	4.411 *	1.982 *	
7	2.132 *	3.918 *	6.555 *	15.441 *	7.087 *	4.627 *	1.563 *	0.902 *	0.868 *	0.803 *	5.784 *	2.031 *	
8	2.082 *	3.851 *	6.469 *	14.481 *	6.998 *	4.627 *	1.519 *	0.902 *	0.868 *	0.803 *	6.212 *	2.031 *	
9	1.982 *	3.524 *	6.297 *	11.945 *	6.908 *	4.627 *	1.434 *	0.902 *	0.868 *	0.803 *	5.252 *	2.526 *	
10	1.837 *	3.538 *	6.212 *	10.476 *	6.908 *	4.627 *	1.311 *	0.902 *	0.868 *	0.803 *	4.482 *	2.526 *	
11	1.697 *	2.903 *	6.212 *	9.522 *	6.819 *	4.554 *	1.230 *	0.902 *	0.868 *	0.803 *	4.196 *	2.526 *	
12	1.607 *	2.786 *	6.128 *	9.012 *	6.730 *	4.338 *	1.230 *	0.868 *	0.868 *	0.836 *	3.783 *	3.021 *	
13	1.563 *	2.786 *	6.044 *	8.310 *	6.643 *	4.056 *	1.192 *	0.868 *	0.868 *	0.836 *	4.132 *	3.081 *	
14	1.563 *	2.614 *	5.802 *	7.828 *	6.555 *	4.056 *	1.116 *	0.836 *	0.902 *	0.836 *	3.918 *	3.081 *	
15	1.397 *	2.559 *	5.392 *	7.546 *	6.297 *	3.717 *	1.078 *	0.803 *	0.936 *	0.836 *	3.520 *	3.143 *	
16	1.321 *	2.340 *	5.392 *	7.546 *	6.128 *	3.520 *	1.078 *	0.803 *	0.936 *	0.836 *	3.266 *	3.143 *	
17	1.116 *	2.235 *	5.392 *	7.270 *	5.960 *	3.095 *	1.006 *	0.803 *	0.936 *	1.006 *	2.727 *	3.204 *	
18	1.078 *	2.235 *	11.317 *	7.178 *	5.877 *	2.670 *	1.006 *	0.803 *	0.936 *	1.006 *	2.670 *	3.081 *	
19	1.078 *	2.132 *	7.374 *	7.087 *	5.795 *	2.670 *	1.006 *	0.803 *	0.936 *	1.006 *	2.670 *	3.021 *	
20	1.078 *	2.132 *	5.723 *	7.087 *	5.713 *	2.614 *	1.006 *	0.803 *	0.936 *	1.042 *	2.614 *	3.021 *	
21	1.078 *	2.132 *	8.018 *	7.087 *	5.551 *	2.505 *	1.006 *	0.803 *	0.936 *	1.078 *	2.396 *	3.021 *	
22	1.042 *	2.132 *	8.211 *	7.087 *	5.392 *	2.236 *	1.006 *	0.803 *	0.936 *	1.311 *	2.235 *	3.021 *	
23	1.006 *	2.132 *	10.343 *	7.087 *	5.234 *	2.132 *	1.006 *	0.803 *	0.936 *	1.477 *	2.132 *	3.538 *	
24	1.006 *	2.132 *	13.766 *	6.821 *	5.157 *	2.032 *	1.042 *	0.803 *	0.936 *	1.847 *	2.082 *	4.199 *	
25	1.006 *	2.082 *	14.108 *	7.552 *	5.003 *	1.982 *	0.936 *	0.803 *	0.936 *	2.132 *	2.031 *	3.719 *	
26	0.971 *	2.031 *	13.481 *	8.018 *	4.926 *	1.885 *	0.936 *	0.803 *	0.936 *	3.529 *	1.933 *	3.456 *	
27	0.936 *	2.132 *	15.134 *	8.018 *	4.851 *	1.838 *	0.936 *	0.803 *	0.936 *	4.482 *	1.933 *	3.456 *	
28	0.936 *		14.739 *	7.827 *	4.775 *	1.790 *	0.936 *	0.803 *	0.936 *	3.095 *	1.933 *	3.456 *	
29	0.936 *		14.481 *	7.639 *	4.627 *	1.697 *	0.936 *	0.936 *	0.936 *	2.670 *	1.933 *	3.987 *	
30	0.936 *		13.854 *	7.639 *	4.627 *	1.652 *	0.936 *	0.936 *	0.936 *	2.453 *	1.933 *	3.987 *	
31	0.902 *		13.481 *		4.627 *		0.936 *			2.453 *		3.719 *	
Caudal Max.	2.901 *		17.400 *	17.400 *	7.639 *	4.627 *	1.652 *		0.936 *	4.926 *	7.087 *	4.481 *	
Día	3		18	7	1	vv	vv		vv	26	7	24	
Hora	8		18	18	8					18	18	18	
Caudal Min.	0.868 *		2.132 *	6.555 *	4.627 *	1.652 *	0.936 *		0.868 *	0.803 *	1.933 *	1.933 *	
Día	31		1	24	vv	30	vv		vv	vv	vv	vv	
Hora	18		8	18		8							
Caudal Medio	1.502	2.643	8.238	8.956	6.099	3.377	1.196	0.861	0.916	1.420	3.337	2.927	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



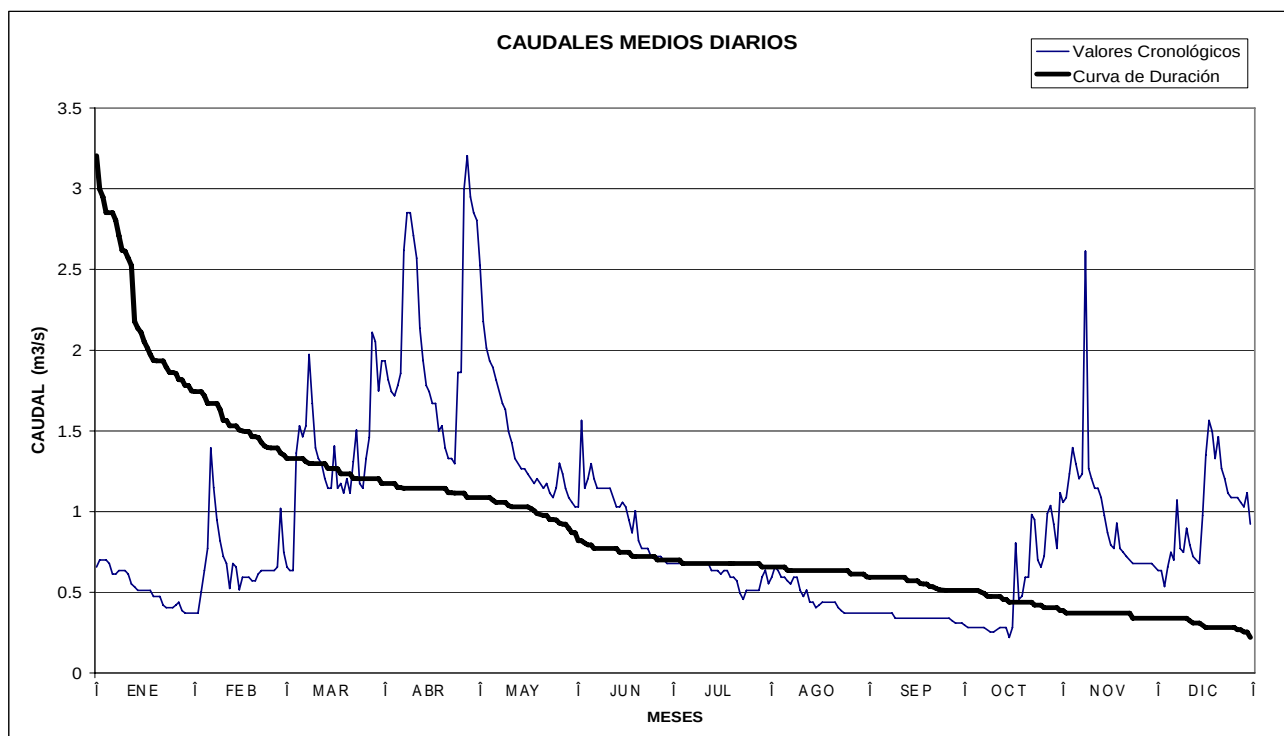
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H333	SAN LORENZO EN SAN LORENZO												Area Drenaje:108 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	0.657 *	0.372 *	0.748 *	1.934 *	2.805 *	1.030 *	0.679 *	0.553 *	0.372 *	0.310 *	1.117 *	0.657 *	
2	0.701 *	0.372 *	0.657 *	1.934 *	2.524 *	1.030 *	0.679 *	0.593 *	0.372 *	0.296 *	1.058 *	0.635 *	
3	0.701 *	0.503 *	0.635 *	1.818 *	2.178 *	1.565 *	0.679 *	0.657 *	0.372 *	0.282 *	1.087 *	0.635 *	
4	0.701 *	0.635 *	0.635 *	1.744 *	2.013 *	1.145 *	0.679 *	0.635 *	0.372 *	0.282 *	1.235 *	0.537 *	
5	0.679 *	0.771 *	1.362 *	1.717 *	1.934 *	1.204 *	0.679 *	0.593 *	0.372 *	0.282 *	1.397 *	0.657 *	
6	0.614 *	1.395 *	1.530 *	1.782 *	1.895 *	1.298 *	0.679 *	0.593 *	0.372 *	0.282 *	1.298 *	0.748 *	
7	0.614 *	1.148 *	1.464 *	1.857 *	1.818 *	1.204 *	0.679 *	0.572 *	0.372 *	0.282 *	1.204 *	0.701 *	
8	0.635 *	0.950 *	1.530 *	2.618 *	1.743 *	1.145 *	0.679 *	0.552 *	0.372 *	0.282 *	1.235 *	1.070 *	
9	0.635 *	0.820 *	1.974 *	2.852 *	1.670 *	1.145 *	0.679 *	0.593 *	0.372 *	0.268 *	2.613 *	0.771 *	
10	0.635 *	0.724 *	1.670 *	2.852 *	1.634 *	1.145 *	0.679 *	0.593 *	0.340 *	0.255 *	1.267 *	0.748 *	
11	0.614 *	0.729 *	1.395 *	2.709 *	1.495 *	1.145 *	0.679 *	0.513 *	0.340 *	0.255 *	1.204 *	0.896 *	
12	0.552 *	0.525 *	1.329 *	2.571 *	1.427 *	1.145 *	0.679 *	0.475 *	0.340 *	0.268 *	1.145 *	0.795 *	
13	0.533 *	0.679 *	1.298 *	2.136 *	1.329 *	1.086 *	0.679 *	0.514 *	0.340 *	0.282 *	1.145 *	0.724 *	
14	0.513 *	0.657 *	1.205 *	1.936 *	1.298 *	1.030 *	0.635 *	0.439 *	0.340 *	0.282 *	1.087 *	0.701 *	
15	0.513 *	0.516 *	1.145 *	1.781 *	1.266 *	1.030 *	0.635 *	0.439 *	0.340 *	0.282 *	0.976 *	0.679 *	
16	0.513 *	0.593 *	1.145 *	1.743 *	1.266 *	1.058 *	0.635 *	0.405 *	0.340 *	0.222 *	0.870 *	0.976 *	
17	0.513 *	0.593 *	1.407 *	1.670 *	1.235 *	1.030 *	0.614 *	0.422 *	0.340 *	0.282 *	0.795 *	1.350 *	
18	0.513 *	0.593 *	1.145 *	1.670 *	1.204 *	0.948 *	0.635 *	0.439 *	0.340 *	0.806 *	0.771 *	1.565 *	
19	0.475 *	0.572 *	1.175 *	1.500 *	1.175 *	0.870 *	0.635 *	0.439 *	0.340 *	0.457 *	0.929 *	1.496 *	
20	0.475 *	0.572 *	1.116 *	1.532 *	1.204 *	1.007 *	0.593 *	0.439 *	0.340 *	0.476 *	0.771 *	1.329 *	
21	0.475 *	0.614 *	1.204 *	1.394 *	1.175 *	0.820 *	0.593 *	0.439 *	0.340 *	0.593 *	0.748 *	1.464 *	
22	0.422 *	0.635 *	1.116 *	1.329 *	1.145 *	0.771 *	0.572 *	0.439 *	0.340 *	0.593 *	0.724 *	1.267 *	
23	0.405 *	0.635 *	1.308 *	1.329 *	1.175 *	0.771 *	0.496 *	0.405 *	0.340 *	0.982 *	0.701 *	1.204 *	
24	0.405 *	0.635 *	1.505 *	1.298 *	1.116 *	0.771 *	0.457 *	0.388 *	0.340 *	0.950 *	0.679 *	1.116 *	
25	0.405 *	0.635 *	1.175 *	1.862 *	1.086 *	0.724 *	0.513 *	0.372 *	0.340 *	0.701 *	0.679 *	1.086 *	
26	0.422 *	0.635 *	1.145 *	1.862 *	1.148 *	0.724 *	0.513 *	0.372 *	0.340 *	0.657 *	0.679 *	1.086 *	
27	0.439 *	0.657 *	1.329 *	2.997 *	1.299 *	0.724 *	0.513 *	0.372 *	0.340 *	0.725 *	0.679 *	1.086 *	
28	0.388 *	1.019 *	1.461 *	3.206 *	1.235 *	0.724 *	0.513 *	0.372 *	0.325 *	0.988 *	0.679 *	1.058 *	
29	0.372 *		2.111 *	2.949 *	1.145 *	0.701 *	0.513 *	0.372 *	0.310 *	1.037 *	0.679 *	1.030 *	
30	0.372 *		2.053 *	2.852 *	1.087 *	0.679 *	0.596 *	0.372 *	0.310 *	0.922 *	0.679 *	1.117 *	
31	0.372 *		1.747 *		1.058 *		0.636 *	0.372 *		0.771 *		0.922 *	
Caudal Max.	0.724 *	1.460 *	2.479 *	4.021 *	2.949 *	1.670 *	0.679 *	0.679 *	0.372 *	1.329 *	4.021 *	1.670 *	
Día	3	6	29	27	1	3		3		23	9	18	
Hora	18	6	6	18	18	18		18		18	18	18	
Caudal Min.	0.372 *	0.372 *	0.635 *	1.266 *	1.030 *	0.679 *	0.439 *	0.372 *	0.310 *	0.161 *	0.679 *	0.439 *	
Día	vv	vv	vv	24	26	30	24	vv	vv	16	vv	4	
Hora				6	6	6	6			18		18	
Caudal Medio	0.525	0.683	1.313	2.048	1.477	0.989	0.617	0.475	0.347	0.495	1.004	0.971	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



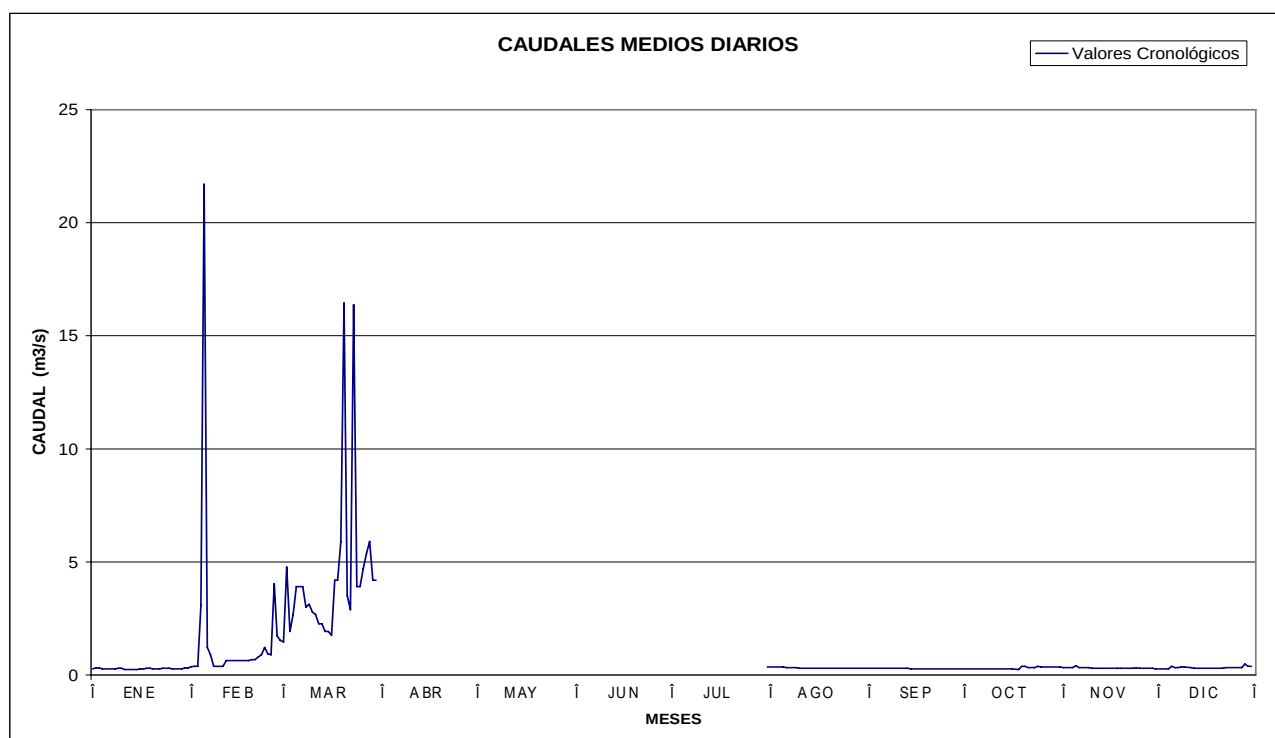
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H334	DE CHIMA AJ LAS PESQ.(SICOTO AJ)										Area Drenaje:111 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.282 *	0.370 *	1.539 *					0.359 *	0.303 *	0.278 *	0.359 *	0.278 *
2	0.324 *	0.396 *	1.469 *					0.359 *	0.303 *	0.278 *	0.330 *	0.278 *
3	0.324 *	0.396 *	4.769 *					0.359 *	0.303 *	0.278 *	0.330 *	0.278 *
4	0.282 *	3.070 *	1.923 *					0.359 *	0.303 *	0.278 *	0.330 *	0.278 *
5	0.282 *	21.697 *	2.680 *					0.359 *	0.303 *	0.278 *	0.330 *	0.278 *
6	0.282 *	1.215 *	3.915 *					0.359 *	0.303 *	0.278 *	0.422 *	0.390 *
7	0.282 *	0.896 *	3.915 *					0.330 *	0.303 *	0.278 *	0.330 *	0.330 *
8	0.282 *	0.396 *	3.915 *					0.330 *	0.303 *	0.278 *	0.330 *	0.330 *
9	0.302 *	0.396 *	3.015 *					0.330 *	0.303 *	0.278 *	0.330 *	0.359 *
10	0.302 *	0.396 *	3.133 *					0.330 *	0.303 *	0.278 *	0.330 *	0.359 *
11	0.244 *	0.396 *	2.789 *					0.303 *	0.303 *	0.278 *	0.303 *	0.345 *
12	0.244 *	0.644 *	2.680 *					0.303 *	0.303 *	0.278 *	0.303 *	0.331 *
13	0.244 *	0.644 *	2.278 *					0.303 *	0.303 *	0.278 *	0.303 *	0.303 *
14	0.244 *	0.644 *	2.278 *					0.303 *	0.303 *	0.278 *	0.303 *	0.303 *
15	0.244 *	0.644 *	1.923 *					0.303 *	0.278 *	0.278 *	0.303 *	0.303 *
16	0.282 *	0.644 *	1.923 *					0.303 *	0.278 *	0.278 *	0.303 *	0.303 *
17	0.282 *	0.644 *	1.762 *					0.303 *	0.278 *	0.278 *	0.303 *	0.303 *
18	0.302 *	0.644 *	4.206 *					0.303 *	0.278 *	0.266 *	0.303 *	0.303 *
19	0.302 *	0.644 *	4.206 *					0.303 *	0.278 *	0.254 *	0.303 *	0.303 *
20	0.282 *	0.682 *	5.900 *					0.303 *	0.278 *	0.390 *	0.303 *	0.303 *
21	0.282 *	0.682 *	16.455 *					0.303 *	0.278 *	0.390 *	0.303 *	0.303 *
22	0.282 *	0.805 *	3.508 *					0.303 *	0.278 *	0.330 *	0.303 *	0.303 *
23	0.302 *	0.896 *	2.900 *					0.303 *	0.278 *	0.330 *	0.303 *	0.330 *
24	0.302 *	1.217 *	16.382 *					0.303 *	0.278 *	0.330 *	0.303 *	0.330 *
25	0.302 *	0.945 *	3.915 *					0.303 *	0.278 *	0.390 *	0.317 *	0.330 *
26	0.282 *	0.896 *	3.915 *					0.303 *	0.278 *	0.359 *	0.303 *	0.330 *
27	0.282 *	4.040 *	4.706 *					0.303 *	0.278 *	0.359 *	0.303 *	0.330 *
28	0.282 *	1.731 *	5.370 *					0.303 *	0.278 *	0.359 *	0.303 *	0.330 *
29	0.282 *		5.905 *					0.303 *	0.278 *	0.359 *	0.303 *	0.493 *
30	0.324 *		4.206 *					0.303 *	0.278 *	0.359 *	0.303 *	0.390 *
31	0.324 *		4.206 *					0.303 *		0.359 *		0.390 *
Caudal Max.	0.324 *	32.621 *	28.705 *					0.359 *	0.303 *	0.390 *	0.422 *	0.530 *
Día	vv	5	21					vv	vv	vv	6	29
Hora		6	18								7	17
Caudal Min.	0.244 *	0.370 *	1.469 *					0.303 *	0.278 *	0.254 *	0.303 *	0.278 *
Día	vv	1	2					vv	vv	19	vv	vv
Hora		6	18							7		
Caudal Medio	0.286	1.667	4.248					0.317	0.290	0.308	0.317	0.326

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



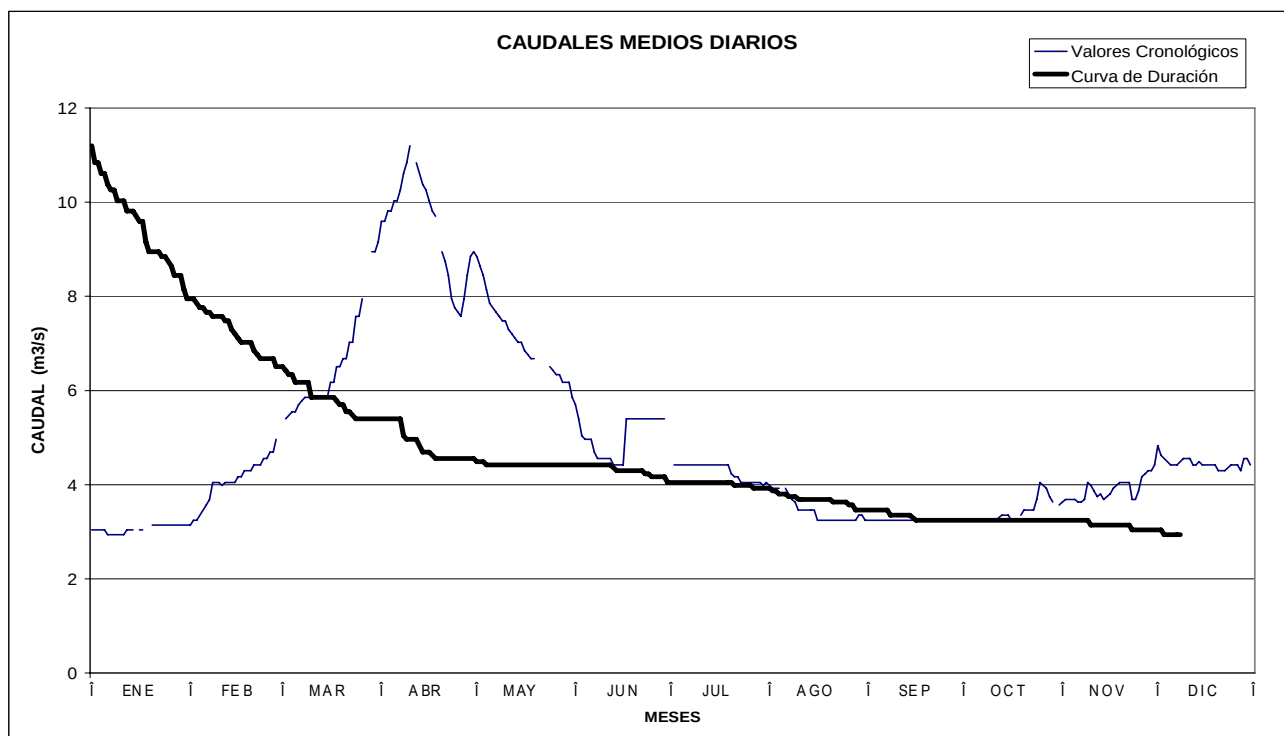
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H337		PANGOR AJ CHIMBO										Area Drenaje:282 km2	
DIA		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		3.040 *	3.142 *		9.162 *	8.952 *	5.859 *		4.046 *	3.247 *		3.575 *	4.425 *
2		3.040 *	3.247 *		9.591 *	8.848 *	5.703 *		3.986 *	3.247 *		3.632 *	4.827 *
3		3.040 *	3.247 *	5.400 *	9.591 *	8.643 *	5.400 *	4.425 *	3.925 *	3.247 *	3.247 *	3.689 *	4.624 *
4		3.040 *	3.354 *	5.475 *	9.811 *	8.442 *	5.038 *	4.425 *	3.925 *	3.247 *	3.247 *	3.689 *	4.557 *
5		3.040 *	3.464 *	5.550 *	9.811 *	8.146 *	4.967 *	4.425 *	3.925 *	3.247 *	3.247 *	3.689 *	4.491 *
6		2.940 *	3.575 *	5.550 *	10.034 *	7.855 *	4.967 *	4.425 *		3.247 *	3.247 *	3.689 *	4.425 *
7		2.940 *	3.689 *	5.703 *	10.034 *	7.760 *	4.967 *	4.425 *	3.925 *	3.247 *	3.247 *	3.632 *	4.425 *
8		2.940 *	4.046 *	5.781 *	10.262 *	7.666 *	4.691 *	4.425 *	3.806 *	3.247 *	3.247 *	3.632 *	4.425 *
9		2.940 *	4.046 *	5.859 *	10.606 *	7.572 *	4.557 *	4.425 *	3.689 *	3.247 *	3.247 *	3.689 *	4.491 *
10		2.940 *	4.046 *	5.859 *	10.841 *	7.480 *	4.557 *	4.425 *	3.632 *	3.247 *	3.247 *	4.046 *	4.557 *
11		2.940 *	3.986 *	5.859 *	11.199 *	7.480 *	4.557 *	4.425 *	3.464 *	3.247 *	3.247 *	3.986 *	4.557 *
12		3.040 *	4.046 *	5.859 *		7.297 *	4.557 *	4.425 *	3.464 *	3.247 *	3.247 *	3.865 *	4.557 *
13		3.040 *	4.046 *	5.859 *	10.841 *	7.206 *	4.557 *	4.425 *	3.464 *	3.247 *	3.301 *	3.748 *	4.425 *
14		3.040 *	4.046 *		10.606 *	7.116 *	4.425 *	4.425 *	3.464 *	3.247 *	3.354 *	3.806 *	4.425 *
15			4.046 *	5.859 *	10.375 *	7.027 *	4.425 *	4.425 *	3.464 *	3.247 *	3.354 *	3.689 *	4.491 *
16		3.040 *	4.170 *	5.859 *	10.260 *	7.027 *	4.425 *	4.425 *	3.464 *	3.247 *	3.354 *	3.748 *	4.425 *
17		3.040 *	4.170 *	6.178 *	10.034 *	6.851 *	4.425 *	4.425 *	3.247 *	3.247 *	3.247 *	3.806 *	4.425 *
18			4.296 *	6.178 *	9.811 *	6.765 *	5.400 *	4.425 *	3.247 *	3.247 *		3.925 *	4.425 *
19			4.296 *	6.509 *	9.701 *	6.679 *	5.400 *	4.425 *	3.247 *	3.247 *		3.986 *	4.425 *
20		3.142 *	4.296 *	6.509 *		6.679 *	5.400 *	4.425 *	3.247 *	3.247 *	3.354 *	4.046 *	4.425 *
21		3.142 *	4.425 *	6.679 *	8.952 *		5.400 *	4.233 *	3.247 *	3.247 *	3.464 *	4.046 *	4.296 *
22		3.142 *	4.425 *	6.679 *	8.747 *	6.679 *	5.400 *	4.170 *	3.247 *	3.247 *	3.464 *	4.046 *	4.296 *
23		3.142 *	4.425 *	7.027 *	8.442 *		5.400 *	4.170 *	3.247 *	3.247 *	3.464 *	4.046 *	4.296 *
24		3.142 *	4.557 *	7.027 *	7.951 *		5.400 *	4.046 *	3.247 *	3.247 *	3.464 *	3.689 *	4.361 *
25		3.142 *	4.557 *	7.572 *	7.760 *	6.509 *	5.400 *	4.046 *	3.247 *	3.247 *	3.691 *	3.689 *	4.425 *
26		3.142 *	4.691 *	7.572 *	7.666 *	6.426 *	5.400 *	4.046 *	3.247 *	3.247 *	4.046 *	3.868 *	4.425 *
27		3.142 *	4.691 *	7.951 *	7.572 *	6.342 *	5.400 *	4.046 *	3.247 *	3.247 *	3.986 *	4.170 *	4.425 *
28		3.142 *	4.967 *		7.951 *	6.342 *	5.400 *	4.046 *	3.247 *	3.247 *	3.925 *	4.233 *	4.296 *
29		3.142 *			8.442 *	6.178 *	5.400 *	4.046 *	3.247 *	3.247 *	3.748 *	4.296 *	4.557 *
30		3.142 *		8.952 *	8.848 *	6.178 *	5.400 *	4.046 *	3.354 *		3.632 *	4.296 *	4.557 *
31		3.142 *		8.952 *		6.178 *		3.986 *	3.354 *				4.425 *
Caudal Max.			4.967 *				5.859 *					4.296 *	4.827 *
Día			28				1					vv	2
Hora			7				8						17
Caudal Min.			3.142 *				4.425 *					3.575 *	4.296 *
Día			1				vv					1	vv
Hora			8									17	
Caudal Medio		3.062	4.071	6.471	9.460	7.226	5.076	4.294	3.485	3.247	3.435	3.865	4.458

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



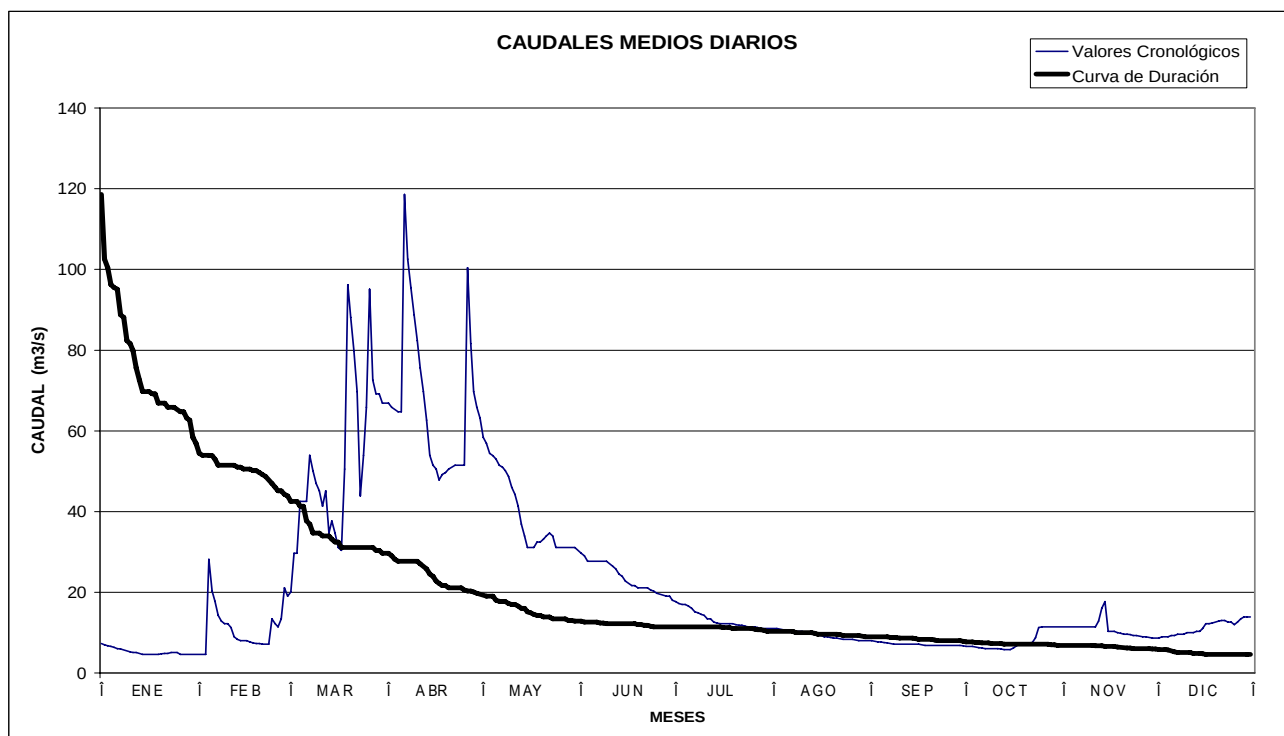
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H340		CHIMBO EN BUCAY										Area Drenaje:2280 km ²	
DIA		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		7.316 *	4.669 *	19.020 *	66.929 *	63.126 *	30.393 *	18.008 *	11.085 *	8.054 *	6.755 *	11.459 *	8.677 *
2		7.032 *	4.669 *	20.066 *	66.929 *	58.407 *	29.708 *	17.761 *	11.085 *	8.054 *	6.619 *	11.459 *	8.677 *
3		6.755 *	4.669 *	29.708 *	65.825 *	56.889 *	29.042 *	17.272 *	11.085 *	7.904 *	6.619 *	11.459 *	8.999 *
4		6.619 *	28.185 *	29.708 *	65.278 *	54.409 *	27.723 *	17.029 *	10.902 *	7.753 *	6.619 *	11.459 *	8.999 *
5		6.355 *	20.360 *	42.589 *	64.732 *	53.923 *	27.723 *	17.029 *	10.719 *	7.753 *	6.485 *	11.459 *	8.999 *
6		6.092 *	17.786 *	42.589 *	64.732 *	52.956 *	27.723 *	16.557 *	10.719 *	7.606 *	6.352 *	11.459 *	9.328 *
7		5.965 *	14.291 *	42.589 *	118.636 *	51.524 *	27.723 *	16.084 *	10.540 *	7.459 *	6.222 *	11.459 *	9.328 *
8		5.715 *	12.836 *	53.955 *	102.556 *	51.054 *	27.723 *	15.171 *	10.360 *	7.316 *	6.092 *	11.459 *	9.665 *
9		5.472 *	12.229 *	50.129 *	95.532 *	50.118 *	27.723 *	14.949 *	10.360 *	7.172 *	6.092 *	11.459 *	9.665 *
10		5.235 *	12.229 *	46.926 *	88.788 *	48.739 *	27.723 *	14.509 *	10.360 *	7.172 *	6.092 *	11.459 *	9.665 *
11		5.118 *	11.295 *	45.161 *	82.343 *	46.044 *	27.084 *	14.291 *	10.360 *	7.172 *	6.092 *	11.459 *	10.009 *
12		5.118 *	9.003 *	41.349 *	75.607 *	44.298 *	26.446 *	13.443 *	10.009 *	7.172 *	6.092 *	11.459 *	10.009 *
13		4.893 *	8.365 *	45.161 *	69.774 *	41.349 *	25.821 *	13.443 *	10.009 *	7.172 *	5.965 *	12.852 *	10.009 *
14		4.669 *	8.054 *	34.714 *	62.668 *	36.961 *	24.599 *	12.626 *	9.665 *	7.172 *	5.839 *	16.084 *	10.360 *
15		4.669 *	8.054 *	37.723 *	53.955 *	33.937 *	24.006 *	12.428 *	9.665 *	7.172 *	5.839 *	17.761 *	10.360 *
16		4.669 *	8.054 *	34.670 *	51.524 *	31.078 *	22.833 *	12.229 *	9.328 *	7.172 *	5.839 *	10.360 *	11.085 *
17		4.669 *	7.753 *	31.078 *	50.589 *	31.078 *	22.262 *	12.229 *	9.328 *	7.172 *	6.222 *	10.360 *	12.229 *
18		4.669 *	7.459 *	30.393 *	47.830 *	31.078 *	21.700 *	12.229 *	8.999 *	7.032 *	6.755 *	10.360 *	12.229 *
19		4.669 *	7.316 *	50.589 *	49.194 *	32.486 *	21.700 *	12.229 *	8.999 *	6.892 *	7.172 *	10.009 *	12.428 *
20		4.779 *	7.316 *	96.213 *	49.653 *	32.486 *	21.147 *	12.229 *	8.838 *	6.892 *	7.172 *	9.837 *	12.626 *
21		4.890 *	7.172 *	88.144 *	50.583 *	33.205 *	21.147 *	12.035 *	8.677 *	6.892 *	7.172 *	9.665 *	12.828 *
22		4.890 *	7.172 *	79.877 *	51.054 *	33.933 *	21.147 *	11.840 *	8.677 *	6.892 *	7.459 *	9.665 *	13.031 *
23		5.118 *	7.172 *	69.774 *	51.524 *	34.670 *	21.147 *	11.840 *	8.519 *	6.892 *	7.606 *	9.497 *	13.031 *
24		5.118 *	13.443 *	43.875 *	51.524 *	33.937 *	20.602 *	11.650 *	8.362 *	6.892 *	8.709 *	9.328 *	12.630 *
25		5.118 *	12.229 *	53.955 *	51.524 *	31.078 *	20.334 *	11.459 *	8.362 *	6.892 *	11.272 *	9.328 *	12.630 *
26		4.669 *	11.459 *	65.830 *	51.524 *	31.078 *	19.802 *	11.459 *	8.362 *	6.892 *	11.459 *	9.164 *	12.035 *
27		4.669 *	13.443 *	95.101 *	100.423 *	31.078 *	19.539 *	11.459 *	8.362 *	6.892 *	11.459 *	8.999 *	12.630 *
28		4.669 *	21.164 *	72.619 *	81.693 *	31.078 *	19.279 *	11.272 *	8.208 *	6.892 *	11.459 *	8.999 *	13.447 *
29		4.669 *		69.171 *	69.774 *	31.078 *	19.020 *	11.085 *	8.054 *	6.892 *	11.459 *	8.838 *	13.863 *
30		4.669 *		69.171 *	65.830 *	31.078 *	19.020 *	11.085 *	8.054 *	6.892 *	11.459 *	8.677 *	13.863 *
31		4.669 *		66.929 *		31.078 *		11.085 *	8.054 *		11.459 *		13.863 *
Caudal Max.		7.459 *	34.670 *	117.582 *	128.857 *	64.732 *	31.078 *	18.008 *	11.085 *	8.054 *	11.459 *	18.008 *	13.863 *
Día		1	4	27	7	1	1	1				15	
Hora		7	7	7	6	7	7	18				7	
Caudal Min.		4.669 *	4.669 *	19.020 *	46.926 *	31.078 *	19.020 *	11.085 *	8.054 *	6.892 *	5.839 *	8.677 *	8.677 *
Día		vv	vv	1	18	vv	vv	vv	vv	vv	vv	30	vv
Hora				18	7							7	
Caudal Medio		5.278	10.994	51.573	67.284	40.491	24.061	13.484	9.487	7.206	7.674	10.910	11.200

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



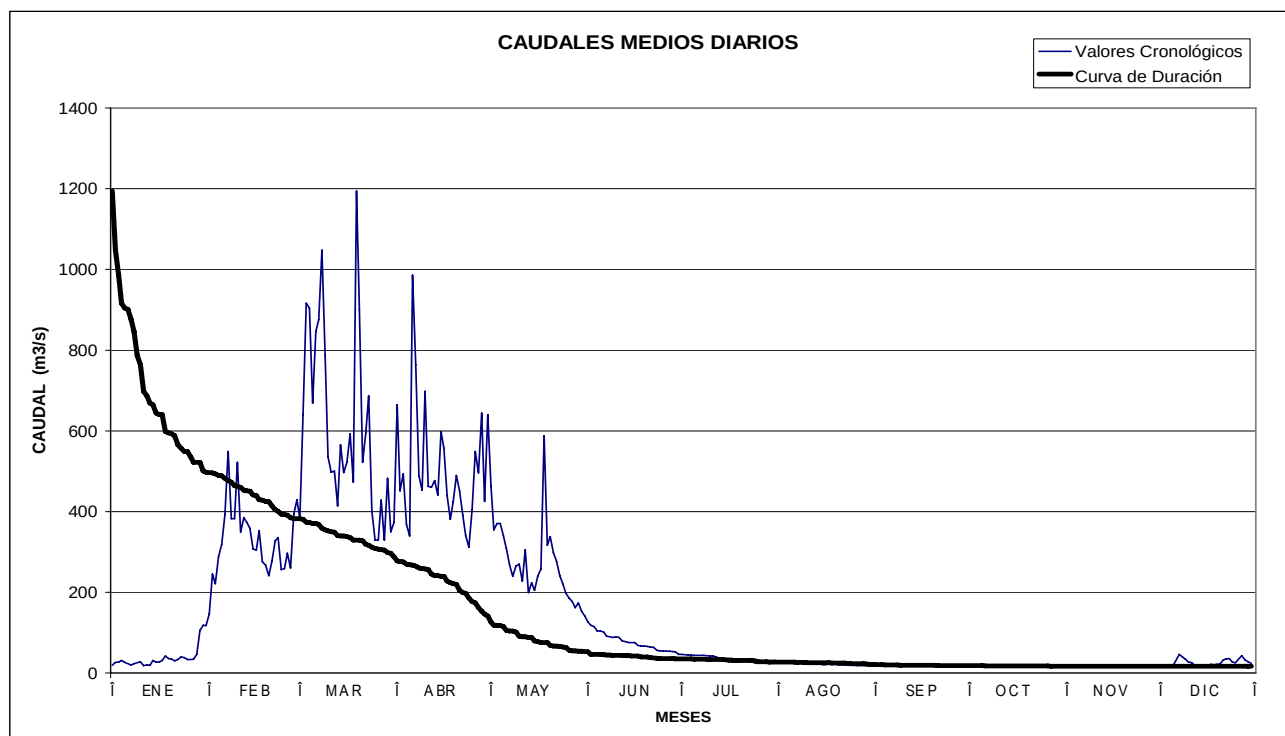
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H346	ZAPOTAL EN LECHUGAL												Area Drenaje:2980 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	19.583 *	146.665 *	429.241 *	372.707 *	640.696 *	141.389 *	46.838 *	31.520 *	19.223 *	17.121 *	17.121 *	17.121 *	*
2	26.462 *	245.624 *	382.741 *	664.573 *	463.855 *	125.825 *	46.838 *	27.681 *	19.223 *	17.121 *	17.121 *	17.121 *	*
3	27.686 *	221.368 *	640.791 *	451.153 *	354.940 *	118.613 *	45.842 *	26.865 *	18.512 *	17.121 *	17.121 *	17.121 *	*
4	31.148 *	288.577 *	916.268 *	493.357 *	370.624 *	115.088 *	44.855 *	26.865 *	18.512 *	17.121 *	17.816 *	17.121 *	*
5	26.462 *	318.894 *	904.134 *	368.446 *	370.809 *	104.085 *	44.855 *	26.462 *	18.512 *	17.121 *	17.811 *	17.121 *	*
6	23.366 *	392.873 *	668.414 *	339.710 *	339.636 *	104.085 *	43.875 *	26.058 *	18.512 *	17.121 *	17.121 *	17.816 *	*
7	19.943 *	549.574 *	846.074 *	986.212 *	308.792 *	101.400 *	43.875 *	26.058 *	17.811 *	17.121 *	19.583 *	31.789 *	*
8	23.770 *	382.713 *	875.423 *	763.771 *	268.081 *	91.565 *	43.875 *	26.058 *	17.811 *	17.121 *	19.593 *	46.321 *	*
9	26.063 *	382.741 *	1047.810 *	488.990 *	239.841 *	89.652 *	43.875 *	25.261 *	17.811 *	17.121 *	18.867 *	39.744 *	*
10	28.094 *	522.132 *	787.559 *	453.148 *	265.198 *	88.373 *	43.389 *	25.261 *	17.466 *	17.121 *	17.811 *	34.538 *	*
11	18.686 *	349.414 *	535.648 *	698.726 *	270.006 *	89.652 *	42.903 *	25.261 *	17.811 *	17.121 *	17.466 *	26.870 *	*
12	19.943 *	384.915 *	497.246 *	462.740 *	228.212 *	89.010 *	42.903 *	25.660 *	17.811 *	17.121 *	18.512 *	25.660 *	*
13	19.223 *	373.746 *	500.813 *	460.381 *	305.776 *	79.659 *	40.076 *	25.660 *	17.811 *	17.121 *	18.162 *	19.583 *	*
14	31.108 *	358.835 *	414.695 *	477.215 *	199.095 *	77.836 *	37.248 *	25.261 *	17.811 *	17.121 *	17.811 *	18.867 *	*
15	26.865 *	307.757 *	566.281 *	441.418 *	223.447 *	76.030 *	36.791 *	22.967 *	17.811 *	17.121 *	17.121 *	17.121 *	*
16	26.865 *	304.560 *	496.465 *	597.843 *	204.867 *	76.030 *	36.335 *	20.674 *	17.121 *	17.121 *	17.121 *	17.121 *	*
17	30.744 *	352.533 *	522.264 *	556.654 *	239.841 *	76.030 *	36.335 *	20.674 *	17.121 *	17.121 *	17.121 *	17.121 *	*
18	42.043 *	275.860 *	593.076 *	439.402 *	258.201 *	68.385 *	35.882 *	22.967 *	17.121 *	17.121 *	17.121 *	21.590 *	*
19	35.882 *	267.118 *	473.221 *	380.516 *	587.635 *	67.240 *	35.430 *	25.261 *	17.121 *	17.121 *	17.121 *	20.674 *	*
20	34.534 *	241.713 *	1194.648 *	424.732 *	316.872 *	67.236 *	35.430 *	22.967 *	17.121 *	17.121 *	17.121 *	21.590 *	*
21	30.345 *	277.790 *	901.251 *	490.173 *	337.869 *	66.095 *	35.430 *	20.309 *	17.121 *	17.121 *	17.811 *	22.401 *	*
22	33.647 *	328.359 *	522.264 *	450.784 *	298.559 *	64.961 *	35.430 *	19.943 *	17.121 *	17.121 *	17.811 *	32.421 *	*
23	40.105 *	335.999 *	595.225 *	391.478 *	276.870 *	63.834 *	35.430 *	19.943 *	17.121 *	18.897 *	17.121 *	35.430 *	*
24	38.719 *	256.667 *	687.454 *	340.720 *	241.713 *	56.693 *	34.534 *	19.583 *	17.121 *	19.223 *	17.121 *	35.882 *	*
25	34.090 *	258.544 *	400.883 *	311.910 *	219.863 *	55.090 *	34.090 *	19.223 *	17.121 *	18.512 *	17.121 *	26.865 *	*
26	34.090 *	296.558 *	329.477 *	404.903 *	197.919 *	55.090 *	33.647 *	19.223 *	17.121 *	17.811 *	17.121 *	26.058 *	*
27	34.991 *	260.464 *	329.099 *	549.183 *	186.069 *	54.560 *	31.077 *	18.512 *	17.121 *	17.811 *	17.121 *	34.982 *	*
28	46.340 *	393.352 *	427.996 *	496.043 *	176.895 *	54.031 *	28.507 *	18.512 *	17.121 *	17.466 *	17.121 *	43.389 *	*
29	106.017 *		329.152 *	644.591 *	162.311 *	53.505 *	28.507 *	18.512 *	18.877 *	17.121 *	17.121 *	32.914 *	*
30	118.613 *		482.694 *	425.473 *	174.261 *	52.980 *	27.681 *	18.867 *	17.121 *	17.121 *	17.121 *	28.103 *	*
31	117.909 *		350.184 *		153.665 *		31.108 *	18.867 *		17.121 *		24.477 *	*
Caudal Max.	148.200 *	584.840 *	1241.859 *	1311.005 *	691.385 *	148.200 *	46.838 *	34.534 *	19.943 *	20.674 *	20.674 *	228.820 *	*
Día	29	7	20	7	1	1	vv	1	29	23	8	29	
Hora	17	7	17	17	7	7		7	7	17	17	17	
Caudal Min.	18.512 *	145.130 *	287.583 *	291.545 *	148.200 *	52.980 *	27.681 *	18.512 *	17.121 *	17.121 *	17.121 *	17.121 *	*
Día	11	1	27	25	31	30	30	vv	vv	vv	vv	vv	
Hora	7	7	17	17	17	17	17						
Caudal Medio	37.855	324.119	601.564	494.232	286.530	80.801	38.158	23.127	17.701	17.346	17.574	25.965	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



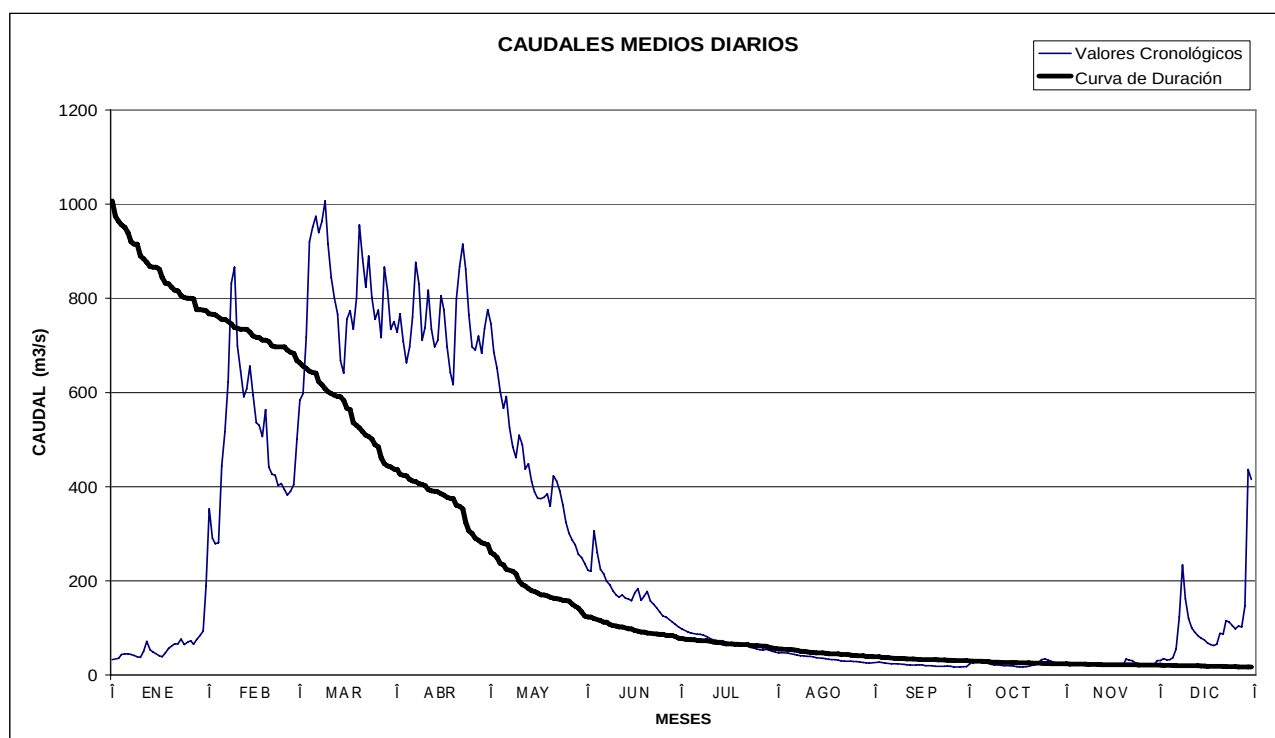
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H348	VINCES EN VINCES-DCP												Area Drenaje:4400 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	32.701 *	353.140 *	501.738 *	750.680 *	775.792 *	236.960 *	102.287 *	48.621 *	25.960 *	17.732 *	23.709 *	31.020 *	
2	34.426 *	290.640 *	583.449 *	728.293 *	746.043 *	222.505 *	98.498 *	47.605 *	26.990 *	23.024 *	22.257 *	30.756 *	
3	35.597 *	279.207 *	597.325 *	767.397 *	685.596 *	220.639 *	94.775 *	47.943 *	27.513 *	32.701 *	22.257 *	34.720 *	
4	43.643 *	280.803 *	717.492 *	708.572 *	651.830 *	306.315 *	91.569 *	46.933 *	26.473 *	32.418 *	22.977 *	32.418 *	
5	44.944 *	444.110 *	919.927 *	662.999 *	601.573 *	260.025 *	89.311 *	46.266 *	25.451 *	31.018 *	24.448 *	32.703 *	
6	44.944 *	516.590 *	951.586 *	697.136 *	566.649 *	224.494 *	87.969 *	44.947 *	24.696 *	31.027 *	25.964 *	37.111 *	
7	43.643 *	622.559 *	974.027 *	760.255 *	591.949 *	215.061 *	86.635 *	43.640 *	24.448 *	26.995 *	26.252 *	55.043 *	
8	41.720 *	832.359 *	939.563 *	876.159 *	524.721 *	199.198 *	86.635 *	42.675 *	24.199 *	24.698 *	21.783 *	123.034 *	
9	39.217 *	866.067 *	963.356 *	831.137 *	485.013 *	192.143 *	84.874 *	41.401 *	23.953 *	22.738 *	21.783 *	234.164 *	
10	37.385 *	699.320 *	1007.178 *	710.867 *	461.927 *	178.975 *	81.832 *	40.771 *	23.219 *	21.549 *	23.463 *	162.207 *	
11	50.273 *	645.205 *	914.752 *	737.796 *	509.568 *	170.437 *	77.988 *	39.834 *	22.496 *	22.260 *	22.977 *	120.188 *	
12	71.401 *	590.879 *	844.584 *	817.264 *	488.925 *	165.636 *	75.058 *	39.834 *	21.783 *	20.620 *	22.257 *	100.401 *	
13	53.847 *	607.998 *	800.054 *	734.187 *	437.524 *	170.447 *	73.818 *	38.908 *	21.314 *	19.935 *	22.496 *	91.573 *	
14	49.316 *	656.303 *	766.483 *	697.012 *	448.705 *	163.265 *	72.997 *	37.084 *	21.314 *	19.935 *	21.783 *	83.566 *	
15	45.278 *	594.133 *	667.574 *	710.867 *	410.983 *	161.505 *	72.589 *	36.187 *	21.314 *	19.709 *	21.783 *	78.835 *	
16	41.406 *	535.718 *	641.165 *	806.178 *	388.745 *	157.992 *	70.561 *	35.891 *	22.020 *	19.261 *	21.549 *	74.652 *	
17	39.215 *	530.667 *	755.454 *	775.816 *	375.654 *	174.686 *	68.957 *	34.715 *	21.549 *	17.945 *	20.390 *	68.561 *	
18	47.613 *	506.699 *	773.446 *	697.136 *	374.787 *	183.949 *	66.188 *	33.845 *	20.390 *	17.302 *	21.316 *	65.018 *	
19	56.835 *	563.707 *	734.160 *	642.973 *	377.419 *	158.571 *	64.630 *	33.271 *	19.935 *	17.302 *	21.082 *	63.089 *	
20	62.329 *	442.166 *	800.565 *	616.689 *	385.266 *	168.150 *	63.089 *	32.986 *	19.709 *	17.516 *	21.087 *	65.471 *	
21	65.805 *	426.431 *	955.510 *	798.884 *	358.586 *	177.767 *	61.944 *	31.577 *	19.038 *	19.041 *	34.426 *	88.875 *	
22	66.277 *	424.616 *	883.936 *	867.346 *	422.779 *	157.416 *	63.089 *	30.466 *	18.597 *	20.620 *	31.574 *	87.525 *	
23	76.516 *	402.911 *	823.436 *	914.767 *	411.888 *	150.492 *	61.189 *	29.647 *	18.597 *	22.025 *	31.323 *	116.059 *	
24	65.018 *	406.485 *	890.274 *	862.199 *	391.391 *	142.059 *	58.569 *	29.376 *	18.818 *	26.500 *	26.217 *	112.544 *	
25	69.763 *	394.024 *	801.308 *	765.017 *	360.303 *	134.395 *	57.096 *	29.376 *	19.261 *	32.990 *	24.448 *	105.177 *	
26	73.031 *	382.604 *	755.762 *	696.998 *	324.609 *	125.329 *	55.640 *	29.107 *	18.379 *	34.426 *	23.953 *	98.027 *	
27	65.799 *	390.495 *	774.823 *	690.131 *	300.747 *	123.248 *	54.202 *	28.571 *	17.302 *	32.422 *	22.738 *	104.206 *	
28	76.309 *	404.838 *	716.718 *	720.112 *	286.802 *	118.092 *	53.489 *	27.513 *	17.302 *	29.921 *	21.314 *	102.776 *	
29	84.049 *		865.999 *	683.336 *	276.960 *	112.544 *	54.559 *	26.990 *	17.302 *	27.253 *	20.390 *	146.866 *	
30	93.926 *		816.135 *	736.557 *	256.958 *	107.605 *	52.781 *	26.215 *	17.729 *	25.198 *	21.804 *	436.952 *	
31	189.392 *		734.160 *		249.736 *		50.337 *	25.704 *		25.451 *		415.958 *	
Caudal Max.	208.356 *	883.800 *	1068.220 *	927.754 *	781.815 *	318.135 *	103.242 *	48.961 *	27.775 *	35.007 *	35.007 *	486.931 *	
Día	31	9	10	23	1	4	1	1	3	26	21	30	
Hora	18	7	7	7	7	7	7	7	7	7	18	18	
Caudal Min.	32.701 *	261.337 *	486.931 *	605.842 *	246.864 *	106.139 *	49.645 *	25.704 *	17.302 *	17.302 *	20.390 *	29.376 *	
Día	1	1	1	20	31	30	1	31	vv	vv	vv	2	
Hora	7	7	7	7	18	18	18	18				7	
Caudal Medio	59.407	503.238	802.321	748.825	449.336	175.997	72.037	36.384	21.568	24.243	23.660	109.661	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



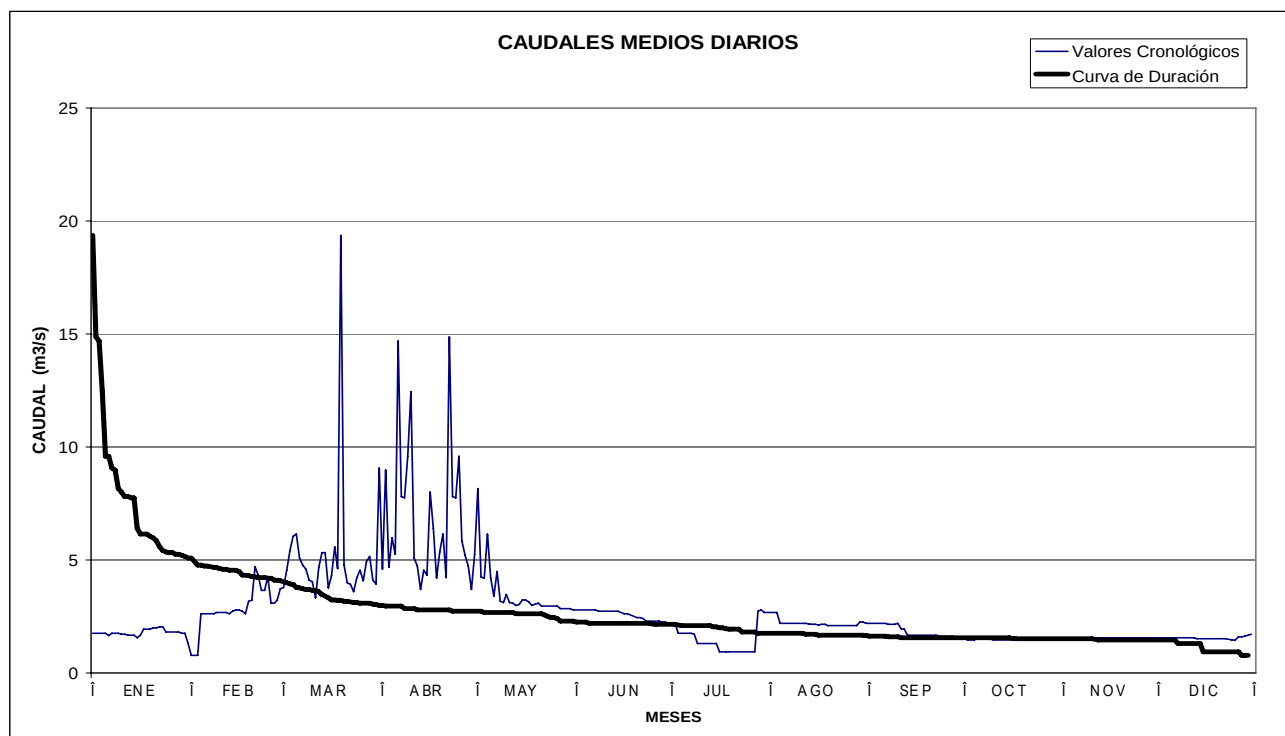
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H359 PAJAN EN AGUA FRIA												
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.773 *	0.786 *	3.730 *	9.076 *	5.263 *	2.794 *	2.201 *	2.680 *	2.201 *	1.516 *	1.516 *	1.557 *
2	1.773 *	0.786 *	3.797 *	4.592 *	8.162 *	2.794 *	2.201 *	2.680 *	2.201 *	1.516 *	1.516 *	1.557 *
3	1.773 *	0.786 *	4.549 *	8.986 *	4.245 *	2.794 *	2.201 *	2.680 *	2.201 *	1.475 *	1.516 *	1.557 *
4	1.773 *	2.625 *	5.417 *	4.684 *	4.196 *	2.794 *	1.773 *	2.680 *	2.201 *	1.475 *	1.516 *	1.557 *
5	1.773 *	2.625 *	6.056 *	5.980 *	6.153 *	2.794 *	1.773 *	2.201 *	2.201 *	1.475 *	1.516 *	1.557 *
6	1.665 *	2.625 *	6.145 *	5.263 *	4.223 *	2.794 *	1.773 *	2.201 *	2.201 *	1.516 *	1.516 *	1.557 *
7	1.773 *	2.625 *	5.091 *	14.690 *	3.402 *	2.794 *	1.773 *	2.201 *	2.201 *	1.516 *	1.516 *	1.557 *
8	1.773 *	2.625 *	4.781 *	7.814 *	4.492 *	2.794 *	1.773 *	2.201 *	2.151 *	1.516 *	1.516 *	1.557 *
9	1.773 *	2.680 *	4.586 *	7.755 *	3.182 *	2.737 *	1.729 *	2.201 *	2.151 *	1.516 *	1.536 *	1.557 *
10	1.729 *	2.680 *	4.110 *	9.597 *	3.120 *	2.737 *	1.318 *	2.201 *	2.151 *	1.516 *	1.557 *	1.557 *
11	1.729 *	2.680 *	4.040 *	12.454 *	3.478 *	2.737 *	1.318 *	2.201 *	2.201 *	1.516 *	1.557 *	1.557 *
12	1.685 *	2.680 *	3.338 *	5.091 *	3.121 *	2.737 *	1.318 *	2.201 *	1.965 *	1.475 *	1.557 *	1.557 *
13	1.685 *	2.625 *	4.662 *	4.740 *	3.089 *	2.737 *	1.318 *	2.201 *	1.943 *	1.475 *	1.557 *	1.557 *
14	1.685 *	2.737 *	5.334 *	3.696 *	2.999 *	2.737 *	1.318 *	2.176 *	1.685 *	1.475 *	1.557 *	1.516 *
15	1.560 *	2.794 *	5.325 *	4.556 *	3.029 *	2.737 *	1.318 *	2.151 *	1.685 *	1.475 *	1.557 *	1.516 *
16	1.685 *	2.794 *	3.764 *	4.341 *	3.244 *	2.680 *	1.318 *	2.151 *	1.685 *	1.475 *	1.557 *	1.516 *
17	1.957 *	2.737 *	4.312 *	8.008 *	3.243 *	2.625 *	0.936 *	2.126 *	1.685 *	1.475 *	1.557 *	1.516 *
18	1.957 *	2.625 *	5.583 *	6.415 *	3.151 *	2.625 *	0.936 *	2.151 *	1.685 *	1.475 *	1.557 *	1.516 *
19	1.957 *	3.181 *	4.624 *	4.196 *	2.999 *	2.569 *	0.936 *	2.151 *	1.685 *	1.475 *	1.557 *	1.516 *
20	2.004 *	3.212 *	19.356 *	5.359 *	3.059 *	2.515 *	0.936 *	2.101 *	1.685 *	1.475 *	1.557 *	1.516 *
21	2.004 *	4.700 *	4.777 *	6.153 *	3.089 *	2.461 *	0.936 *	2.101 *	1.685 *	1.475 *	1.557 *	1.516 *
22	2.053 *	4.324 *	4.004 *	4.223 *	2.969 *	2.461 *	0.936 *	2.101 *	1.685 *	1.475 *	1.557 *	1.516 *
23	2.053 *	3.663 *	3.935 *	14.881 *	2.969 *	2.408 *	0.936 *	2.101 *	1.685 *	1.475 *	1.557 *	1.516 *
24	1.818 *	3.663 *	3.597 *	7.814 *	2.969 *	2.303 *	0.936 *	2.101 *	1.642 *	1.475 *	1.557 *	1.495 *
25	1.818 *	4.278 *	4.226 *	7.755 *	2.969 *	2.303 *	0.936 *	2.101 *	1.642 *	1.475 *	1.557 *	1.475 *
26	1.818 *	3.089 *	4.549 *	9.597 *	2.969 *	2.303 *	0.936 *	2.101 *	1.642 *	1.475 *	1.557 *	1.475 *
27	1.818 *	3.089 *	4.080 *	5.855 *	2.969 *	2.303 *	0.936 *	2.101 *	1.642 *	1.475 *	1.557 *	1.599 *
28	1.818 *	3.212 *	4.937 *	5.212 *	2.852 *	2.303 *	0.936 *	2.101 *	1.642 *	1.475 *	1.557 *	1.599 *
29	1.773 *		5.159 *	4.740 *	2.852 *	2.252 *	2.737 *	2.101 *	1.599 *	1.475 *	1.557 *	1.642 *
30	1.773 *		4.110 *	3.696 *	2.852 *	2.252 *	2.794 *	2.252 *	1.599 *	1.475 *	1.557 *	1.685 *
31	1.318 *		3.945 *		2.852 *		2.680 *	2.252 *				1.729 *
Caudal Max.	2.053 *	5.051 *	24.868 *	24.868 *	8.162 *	2.794 *	2.794 *	2.680 *	2.201 *		1.557 *	1.728 *
Día	vv	22	20	7	2	vv	30	vv	vv		vv	31
Hora		18	7	18	7		7					7
Caudal Min.	1.318 *	0.786 *	3.150 *	3.401 *	2.852 *	2.252 *	0.936 *	2.101 *	1.599 *		1.516 *	1.475 *
Día	31	vv	31	15	vv	vv	vv	vv	vv		vv	vv
Hora	18		7	7								
Caudal Medio	1.792	2.819	5.030	6.907	3.554	2.596	1.479	2.224	1.874	1.484	1.545	1.551

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

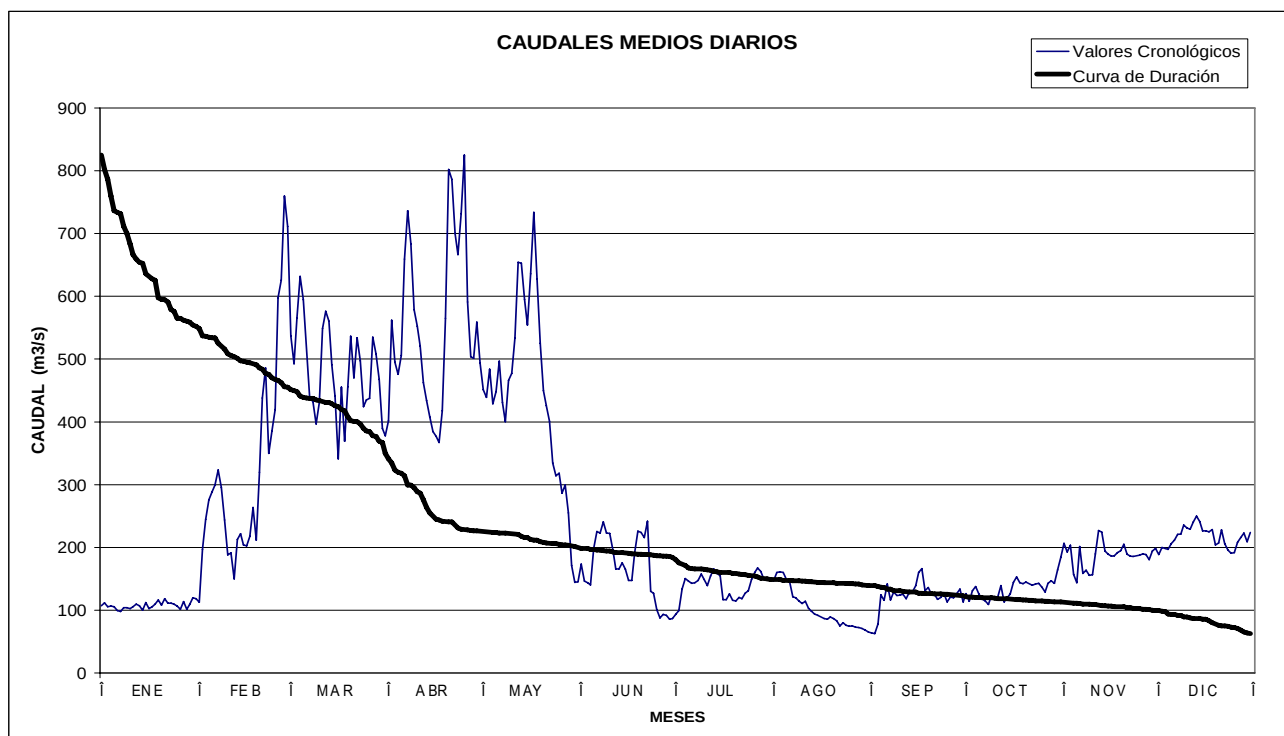


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H363	DAULE EN BALZAR												Area Drenaje:5580 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	107.586 *	112.741 *	711.504 *	377.680 *	494.529 *	145.445 *	86.902 *	146.909 *	65.611 *	113.381 *	184.188 *	198.327 *	
2	112.081 *	196.680 *	537.155 *	401.667 *	451.356 *	173.751 *	93.808 *	146.934 *	64.031 *	126.821 *	206.935 *	189.016 *	
3	105.942 *	245.124 *	492.647 *	561.843 *	438.973 *	146.532 *	99.714 *	160.192 *	62.987 *	114.519 *	193.116 *	200.000 *	
4	106.933 *	276.025 *	565.062 *	495.049 *	483.925 *	144.004 *	133.849 *	161.349 *	78.208 *	131.349 *	203.624 *	198.745 *	
5	105.937 *	288.680 *	631.509 *	475.824 *	429.046 *	140.420 *	150.555 *	160.208 *	124.748 *	137.656 *	157.100 *	197.052 *	
6	99.639 *	299.171 *	594.770 *	505.699 *	448.506 *	198.734 *	146.538 *	149.083 *	116.112 *	126.104 *	143.645 *	206.120 *	
7	98.084 *	323.168 *	516.303 *	659.331 *	496.756 *	225.449 *	142.924 *	145.808 *	141.848 *	118.015 *	201.641 *	211.988 *	
8	104.353 *	295.391 *	437.672 *	736.472 *	430.825 *	223.306 *	143.728 *	121.440 *	116.662 *	115.053 *	158.750 *	220.822 *	
9	104.347 *	244.104 *	432.303 *	683.365 *	400.574 *	240.455 *	147.629 *	119.695 *	129.194 *	109.163 *	164.125 *	221.761 *	
10	102.450 *	188.592 *	396.883 *	579.002 *	466.110 *	222.878 *	157.578 *	114.692 *	123.722 *	123.451 *	155.896 *	235.896 *	
11	105.946 *	191.560 *	430.663 *	552.429 *	477.559 *	222.456 *	149.087 *	110.786 *	124.397 *	119.786 *	156.596 *	231.112 *	
12	110.121 *	150.245 *	548.862 *	520.669 *	534.271 *	195.852 *	139.368 *	114.385 *	125.760 *	120.973 *	189.742 *	228.899 *	
13	107.259 *	212.827 *	576.529 *	462.669 *	654.202 *	165.990 *	154.605 *	103.087 *	118.677 *	139.490 *	226.903 *	240.681 *	
14	100.309 *	221.909 *	560.403 *	433.948 *	652.868 *	165.717 *	165.876 *	98.700 *	128.920 *	113.253 *	224.667 *	250.072 *	
15	112.396 *	204.154 *	491.008 *	408.138 *	595.410 *	175.544 *	159.065 *	94.390 *	129.538 *	119.412 *	194.670 *	241.612 *	
16	102.807 *	202.348 *	441.256 *	384.547 *	554.238 *	165.569 *	155.335 *	91.962 *	139.368 *	126.108 *	189.618 *	226.444 *	
17	105.946 *	217.783 *	341.587 *	377.159 *	636.036 *	147.651 *	116.914 *	89.559 *	160.264 *	144.833 *	186.426 *	226.345 *	
18	110.125 *	263.528 *	455.285 *	367.215 *	733.686 *	147.438 *	117.008 *	86.886 *	166.315 *	152.823 *	186.853 *	225.184 *	
19	116.764 *	211.460 *	369.405 *	417.401 *	627.394 *	192.148 *	126.113 *	86.002 *	131.334 *	143.744 *	191.863 *	228.628 *	
20	108.181 *	319.704 *	455.917 *	564.956 *	525.308 *	226.064 *	115.735 *	89.559 *	136.576 *	142.594 *	195.020 *	204.254 *	
21	118.697 *	437.905 *	536.745 *	801.864 *	449.670 *	223.770 *	115.030 *	86.887 *	125.892 *	145.119 *	205.225 *	207.112 *	
22	111.429 *	485.920 *	470.327 *	786.423 *	425.764 *	215.687 *	120.726 *	83.376 *	125.086 *	142.579 *	189.355 *	228.051 *	
23	111.272 *	349.798 *	534.247 *	700.018 *	401.115 *	241.763 *	118.706 *	75.412 *	117.685 *	140.074 *	186.287 *	206.120 *	
24	109.862 *	385.674 *	497.425 *	666.773 *	334.784 *	130.218 *	127.483 *	80.201 *	120.374 *	141.926 *	185.806 *	196.064 *	
25	106.933 *	419.618 *	424.571 *	732.006 *	313.982 *	127.242 *	131.642 *	76.238 *	126.792 *	142.935 *	186.619 *	191.186 *	
26	101.506 *	597.778 *	435.060 *	824.792 *	318.221 *	101.087 *	149.083 *	74.282 *	113.059 *	136.923 *	187.778 *	191.895 *	
27	114.041 *	625.706 *	437.382 *	590.926 *	286.788 *	88.071 *	160.201 *	75.395 *	121.037 *	128.920 *	189.802 *	208.278 *	
28	101.575 *	759.824 *	534.827 *	503.876 *	299.201 *	93.191 *	167.385 *	73.175 *	119.682 *	143.062 *	189.000 *	215.708 *	
29	109.163 *		508.234 *	501.447 *	255.103 *	91.962 *	161.696 *	72.623 *	126.792 *	147.376 *	180.704 *	223.383 *	
30	119.704 *		467.795 *	559.178 *	171.558 *	86.009 *	149.142 *	71.254 *	134.080 *	143.025 *	194.658 *	209.368 *	
31	118.677 *		389.872 *		144.365 *		151.275 *	68.546 *		164.739 *		223.834 *	
Caudal Max.	124.057 *	765.364 *	740.521 *	854.830 *	739.150 *	295.814 *	169.683 *	166.621 *	174.317 *	168.915 *	248.662 *	259.466 *	
Día	30	28	1	26	18	23	14	4	18	31	14	14	
Hora	18	7	7	7	7	7	18	18	7	18	7	7	
Caudal Min.	95.000 *	109.471 *	335.012 *	366.695 *	142.923 *	84.244 *	84.244 *	67.470 *	62.727 *	102.449 *	142.206 *	175.094 *	
Día	14	1	17	18	31	30	1	31	3	14	5	25	
Hora	18	18	18	18	18	18	18	18	18	18	18	18	
Caudal Medio	108.067	311.693	491.071	554.412	449.423	168.813	137.248	104.162	120.492	132.749	186.887	215.611	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

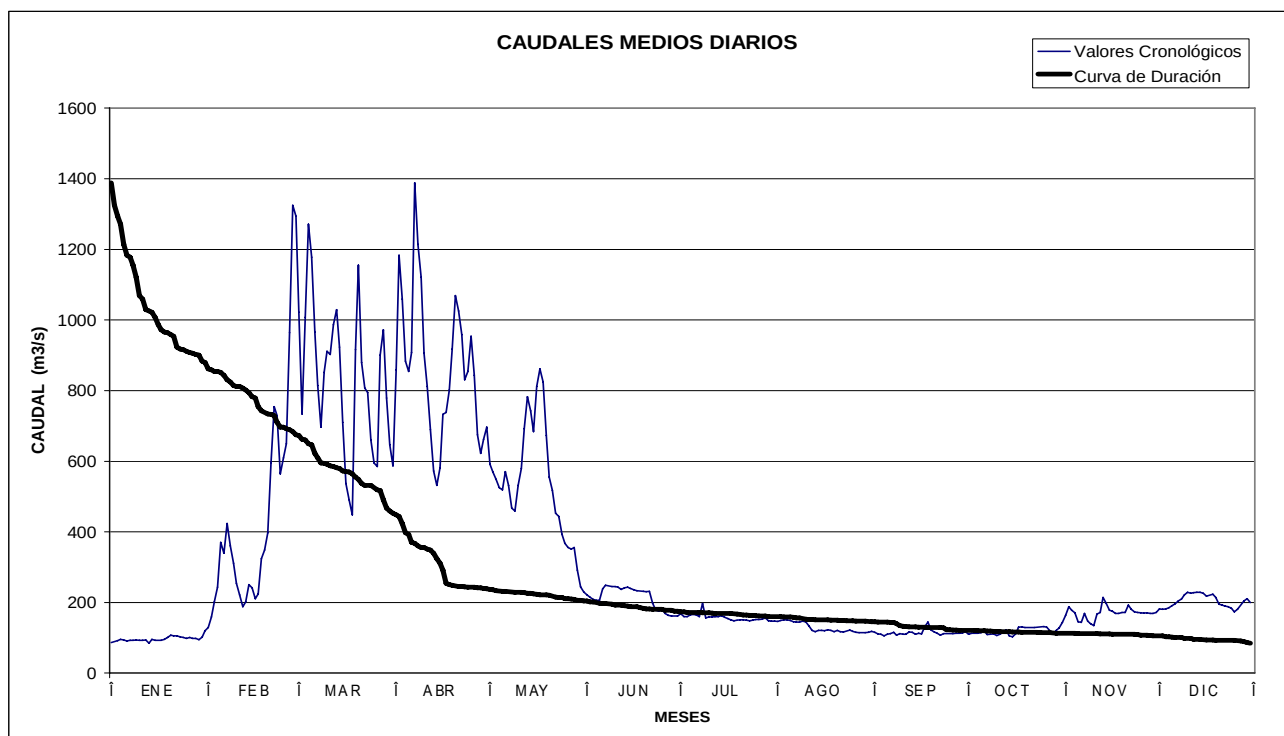


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H365	DAULE EN LA CAPILLA												Area Drenaje:8690 km2			
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC				
1	86.430 *	129.661 *	1293.676 *	586.212 *	696.481 *	230.032 *	161.299 *	146.696 *	118.281 *	116.963 *	143.702 *	172.207 *				
2	89.364 *	159.230 *	1022.005 *	858.319 *	590.922 *	221.557 *	168.306 *	146.199 *	115.677 *	110.096 *	163.951 *	181.744 *				
3	92.001 *	201.555 *	734.066 *	1182.699 *	569.727 *	215.072 *	160.163 *	149.217 *	110.815 *	113.046 *	188.172 *	181.172 *				
4	95.461 *	243.559 *	1007.544 *	1058.837 *	548.056 *	209.382 *	159.623 *	150.749 *	109.664 *	112.614 *	178.407 *	181.749 *				
5	93.927 *	370.268 *	1271.049 *	883.268 *	524.685 *	206.261 *	165.003 *	150.755 *	105.981 *	113.475 *	171.038 *	185.796 *				
6	90.605 *	339.044 *	1177.533 *	853.564 *	519.248 *	206.261 *	166.120 *	149.217 *	110.481 *	114.400 *	145.287 *	191.092 *				
7	93.160 *	423.766 *	965.932 *	907.688 *	570.940 *	238.820 *	164.448 *	145.689 *	111.762 *	119.168 *	143.289 *	196.468 *				
8	92.785 *	360.661 *	813.776 *	1387.516 *	531.579 *	248.387 *	160.163 *	144.193 *	115.269 *	108.821 *	169.427 *	204.408 *				
9	93.927 *	311.180 *	696.404 *	1214.140 *	467.431 *	246.996 *	197.044 *	144.675 *	107.276 *	110.479 *	147.271 *	209.510 *				
10	92.413 *	253.989 *	851.450 *	1120.871 *	458.357 *	245.611 *	155.933 *	147.688 *	112.193 *	110.945 *	139.735 *	222.154 *				
11	92.413 *	221.501 *	910.722 *	906.132 *	531.579 *	244.922 *	159.101 *	144.193 *	110.068 *	106.411 *	134.405 *	228.711 *				
12	94.296 *	188.458 *	901.861 *	811.507 *	579.033 *	243.549 *	158.567 *	132.980 *	109.640 *	110.068 *	167.820 *	226.074 *				
13	84.592 *	201.909 *	986.269 *	688.727 *	692.406 *	237.405 *	160.174 *	120.592 *	116.551 *	115.677 *	172.148 *	228.045 *				
14	95.078 *	250.525 *	1028.763 *	572.324 *	782.895 *	241.525 *	160.155 *	117.406 *	115.695 *	122.756 *	213.944 *	228.706 *				
15	92.397 *	241.525 *	923.016 *	531.298 *	742.175 *	243.544 *	162.301 *	120.972 *	110.056 *	105.583 *	197.167 *	228.711 *				
16	93.160 *	210.121 *	709.496 *	581.264 *	683.466 *	240.131 *	158.068 *	120.972 *	112.638 *	102.618 *	177.755 *	226.736 *				
17	92.413 *	224.420 *	536.903 *	732.764 *	811.429 *	236.054 *	154.919 *	120.067 *	110.909 *	110.909 *	175.486 *	217.627 *				
18	95.069 *	324.272 *	490.492 *	737.626 *	861.160 *	234.036 *	150.766 *	122.758 *	131.236 *	130.131 *	168.845 *	220.204 *				
19	101.383 *	348.896 *	448.592 *	801.845 *	824.704 *	232.028 *	148.722 *	120.531 *	144.770 *	131.077 *	169.366 *	223.451 *				
20	107.573 *	397.476 *	915.634 *	917.408 *	673.461 *	231.362 *	150.239 *	117.864 *	121.517 *	128.727 *	172.128 *	214.530 *				
21	105.489 *	594.063 *	1155.516 *	1069.044 *	555.153 *	230.698 *	150.749 *	120.972 *	116.537 *	129.195 *	172.207 *	195.285 *				
22	105.489 *	753.802 *	879.501 *	1025.484 *	517.287 *	231.362 *	150.749 *	117.449 *	113.515 *	129.665 *	192.280 *	192.870 *				
23	103.419 *	728.780 *	807.189 *	957.876 *	453.240 *	197.685 *	150.239 *	116.551 *	106.842 *	129.665 *	181.172 *	189.322 *				
24	101.018 *	564.030 *	794.192 *	830.054 *	443.308 *	177.825 *	148.712 *	119.176 *	112.187 *	130.131 *	173.807 *	188.139 *				
25	98.221 *	609.130 *	659.856 *	854.113 *	392.653 *	175.486 *	149.725 *	121.408 *	112.193 *	130.599 *	172.128 *	184.098 *				
26	101.381 *	649.436 *	595.574 *	954.323 *	367.434 *	180.601 *	151.784 *	118.313 *	112.203 *	131.545 *	170.469 *	173.298 *				
27	98.598 *	963.840 *	584.855 *	843.857 *	355.167 *	169.366 *	151.261 *	115.677 *	111.770 *	130.131 *	169.914 *	180.601 *				
28	97.904 *	1324.919 *	900.177 *	674.351 *	350.892 *	163.908 *	153.326 *	114.364 *	113.062 *	120.158 *	171.018 *	192.302 *				
29	94.679 *		971.834 *	621.922 *	356.038 *	162.295 *	156.481 *	114.806 *	112.698 *	111.762 *	169.366 *	204.431 *				
30	102.206 *		778.714 *	661.867 *	291.704 *	162.295 *	148.200 *	114.806 *	113.907 *	120.954 *	168.813 *	210.665 *				
31	120.059 *		646.561 *		244.234 *		147.208 *	115.233 *		128.261 *		200.106 *				
Caudal Max.	120.059 *	1461.826 *	1381.182 *	1429.234 *	892.344 *	249.778 *	236.054 *	152.807 *	151.775 *	132.962 *	224.103 *	230.696 *				
Día	31	28	1	8	18	8	9	5	19	19	14	11				
Hora	6	18	6	6	18	18	17	6	6	6	6	6				
Caudal Min.	83.873 *	129.193 *	425.653 *	531.298 *	242.857 *	161.221 *	143.668 *	111.330 *	99.778 *	98.982 *	132.013 *	165.532 *				
Día	1	1	19	15	31	30	31	29	5	15	11	1				
Hora	17	17	6	18	18	18	17	17	17	17	6	6				
Caudal Medio	96.674	413.929	853.521	860.897	547.963	216.815	157.405	129.102	114.180	118.904	169.351	202.587				

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



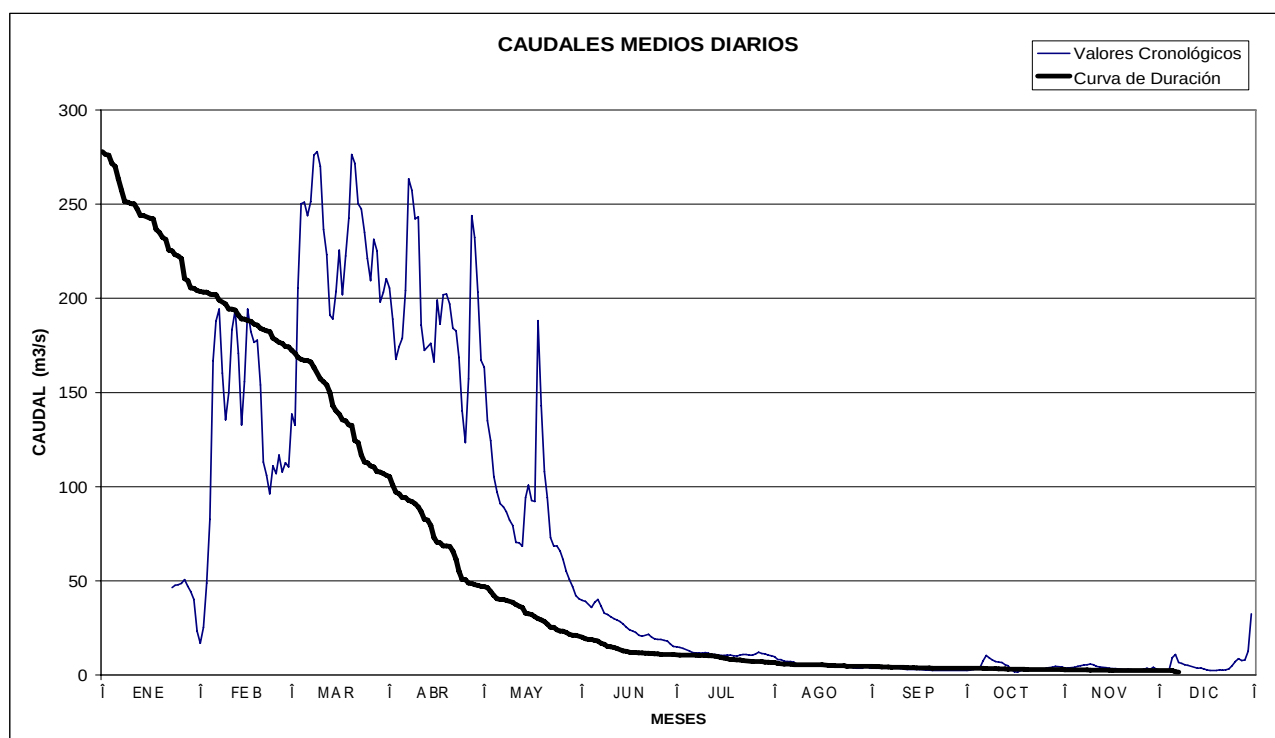
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H371	SAN PABLO EN PALMAR											Area Drenaje:1387 km ²
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		16.887 *	110.429 *	210.468 *	167.115 *	40.508 *	15.188 *	10.281 *	3.722 *	2.528 *	4.292 *	3.130 *
2		25.367 *	138.610 *	205.554 *	163.326 *	39.679 *	15.078 *	9.725 *	3.722 *	2.373 *	3.909 *	2.795 *
3		48.814 *	132.534 *	189.117 *	134.995 *	39.187 *	14.749 *	8.304 *	3.722 *	2.581 *	3.909 *	2.528 *
4		82.759 *	205.314 *	167.519 *	124.472 *	37.560 *	14.208 *	8.304 *	3.722 *	2.905 *	3.971 *	2.424 *
5		166.923 *	250.283 *	174.493 *	105.453 *	35.964 *	13.570 *	7.467 *	3.722 *	3.423 *	4.099 *	2.584 *
6		187.886 *	251.022 *	178.801 *	97.165 *	38.537 *	12.841 *	7.139 *	3.722 *	3.846 *	4.624 *	9.272 *
7		194.361 *	243.915 *	204.231 *	91.021 *	40.175 *	12.028 *	7.139 *	3.722 *	7.520 *	5.034 *	11.043 *
8		160.367 *	251.345 *	263.473 *	89.395 *	36.599 *	11.928 *	6.823 *	3.722 *	10.384 *	5.387 *	6.586 *
9		135.545 *	276.064 *	257.463 *	86.865 *	32.858 *	11.828 *	6.051 *	3.722 *	9.004 *	5.532 *	6.199 *
10		149.883 *	277.908 *	242.155 *	82.342 *	32.250 *	11.531 *	5.751 *	3.722 *	8.136 *	5.825 *	5.536 *
11		183.463 *	270.148 *	243.210 *	79.464 *	31.050 *	12.028 *	5.751 *	3.480 *	7.140 *	5.460 *	5.174 *
12		193.882 *	236.602 *	185.871 *	70.448 *	30.015 *	11.531 *	5.459 *	3.130 *	6.979 *	4.624 *	4.624 *
13		170.920 *	223.192 *	172.357 *	70.223 *	29.286 *	11.043 *	5.459 *	2.905 *	6.584 *	4.358 *	4.227 *
14		132.817 *	191.128 *	174.187 *	68.351 *	28.419 *	10.947 *	5.459 *	2.905 *	5.605 *	4.227 *	3.540 *
15		155.670 *	189.117 *	176.024 *	94.310 *	27.142 *	10.757 *	5.459 *	2.905 *	4.966 *	3.971 *	3.784 *
16		194.203 *	203.572 *	166.323 *	100.814 *	25.338 *	10.376 *	5.459 *	2.905 *	3.075 *	3.661 *	3.305 *
17		182.523 *	225.577 *	199.037 *	92.686 *	24.119 *	10.470 *	5.459 *	2.905 *	1.796 *	3.480 *	2.795 *
18		176.639 *	201.985 *	186.334 *	92.189 *	23.453 *	10.565 *	5.247 *	2.742 *	1.533 *	3.480 *	2.477 *
19		177.871 *	222.540 *	201.945 *	188.179 *	22.665 *	10.660 *	4.895 *	2.580 *	2.373 *	3.362 *	2.373 *
20		153.962 *	242.510 *	202.266 *	142.914 *	21.121 *	10.188 *	4.759 *	2.580 *	2.530 *	3.187 *	2.476 *
21		113.005 *	276.421 *	197.092 *	107.974 *	20.617 *	10.094 *	4.759 *	2.476 *	2.633 *	3.016 *	2.741 *
22		106.203 *	271.617 *	184.081 *	94.316 *	21.121 *	10.565 *	4.759 *	2.476 *	2.746 *	3.130 *	2.581 *
23	46.502 *	96.209 *	250.276 *	182.832 *	72.966 *	21.631 *	11.043 *	4.759 *	2.476 *	2.796 *	2.905 *	2.741 *
24	47.740 *	110.964 *	247.441 *	168.729 *	68.562 *	20.118 *	11.043 *	4.759 *	2.476 *	2.960 *	2.477 *	3.362 *
25	47.919 *	106.917 *	235.185 *	140.268 *	68.558 *	19.256 *	10.565 *	4.558 *	2.476 *	2.960 *	2.580 *	5.085 *
26	48.636 *	116.852 *	221.161 *	123.402 *	65.893 *	19.013 *	10.565 *	4.292 *	2.373 *	2.905 *	2.850 *	7.222 *
27	50.625 *	107.699 *	209.476 *	157.255 *	61.476 *	18.892 *	11.249 *	3.847 *	2.373 *	3.540 *	3.187 *	8.740 *
28	47.219 *	112.748 *	231.390 *	243.913 *	55.138 *	18.413 *	12.130 *	3.722 *	2.373 *	4.035 *	3.540 *	7.630 *
29	44.414 *		225.255 *	232.421 *	50.625 *	18.053 *	11.436 *	3.722 *	2.373 *	4.228 *	3.187 *	7.971 *
30	40.175 *		198.056 *	203.245 *	47.032 *	16.431 *	11.238 *	3.722 *	2.373 *	4.759 *	4.102 *	12.680 *
31	23.323 *		203.254 *		42.193 *		10.566 *			4.490 *		32.553 *
Caudal Max.		206.513 *	280.879 *	281.625 *	191.651 *	40.840 *	15.188 *		3.722 *	11.043 *	5.899 *	32.553 *
Día		7	9	8	19	1	1		vv	8	10	31
Hora		18	6	18	18	6	6			6	18	6
Caudal Min.		16.309 *	99.573 *	121.284 *	40.840 *	15.633 *	10.094 *		2.373 *	1.448 *	2.373 *	2.373 *
Día		1	1	26	31	30	21		vv	18	24	18
Hora		6	6	6	18	18	18			18	18	18
Caudal Medio		134.333	223.010	194.469	92.789	27.649	11.678	5.776	3.017	4.301	3.912	5.812

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



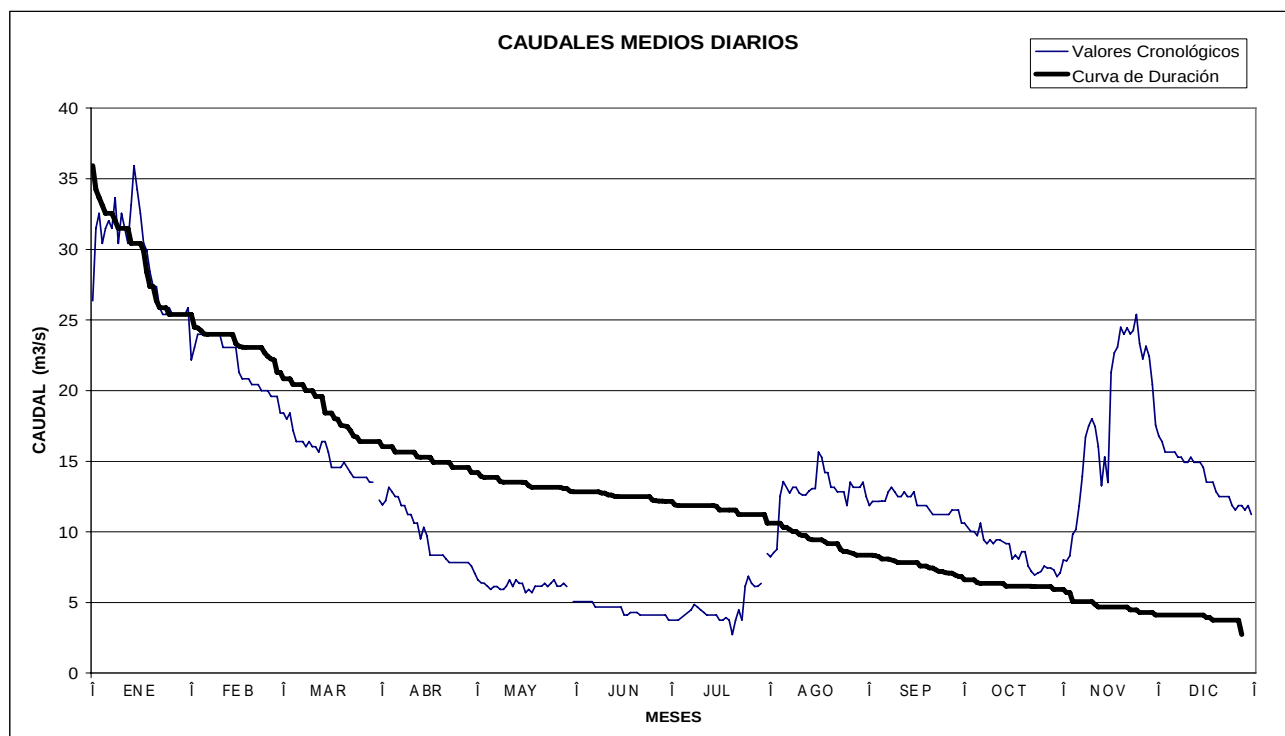
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H375	CHANCHAN DJ HUATAXI											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	26.359 *	22.158 *	18.403 *	12.254 *	7.074 *	5.068 *	3.747 *	8.453 *	12.500 *	10.611 *	7.109 *	17.551 *
2	31.478 *	23.058 *	18.403 *	11.907 *	6.606 *	5.068 *	3.747 *	8.224 *	11.852 *	10.611 *	8.003 *	16.773 *
3	32.560 *	23.976 *	17.981 *	12.208 *	6.385 *	5.068 *	3.747 *	8.525 *	12.171 *	10.310 *	7.932 *	16.389 *
4	30.416 *	23.976 *	18.403 *	13.166 *	6.367 *	5.068 *	3.747 *	8.755 *	12.171 *	10.018 *	8.304 *	15.640 *
5	31.478 *	23.976 *	17.157 *	12.828 *	6.146 *	5.068 *	3.925 *	12.509 *	12.171 *	10.018 *	9.821 *	15.640 *
6	32.024 *	23.976 *	16.389 *	12.500 *	5.917 *	5.068 *	4.102 *	13.571 *	12.180 *	9.735 *	10.167 *	15.640 *
7	31.478 *	23.976 *	16.399 *	12.500 *	6.138 *	5.068 *	4.289 *	13.159 *	12.180 *	10.611 *	11.820 *	15.640 *
8	33.662 *	23.976 *	16.399 *	11.852 *	6.138 *	4.670 *	4.475 *	12.756 *	12.828 *	9.443 *	13.927 *	15.275 *
9	30.416 *	23.976 *	16.015 *	11.852 *	5.917 *	4.670 *	4.864 *	13.159 *	13.166 *	9.160 *	16.722 *	15.275 *
10	32.560 *	23.976 *	16.399 *	11.222 *	5.917 *	4.670 *	4.670 *	13.159 *	12.828 *	9.443 *	17.497 *	14.909 *
11	31.478 *	23.976 *	16.015 *	11.222 *	6.146 *	4.670 *	4.475 *	12.756 *	12.500 *	9.169 *	18.014 *	14.909 *
12	30.416 *	23.058 *	16.015 *	10.611 *	6.597 *	4.670 *	4.289 *	12.619 *	12.500 *	9.443 *	17.458 *	15.275 *
13	33.116 *	23.058 *	15.640 *	10.611 *	6.138 *	4.670 *	4.111 *	12.619 *	12.837 *	9.443 *	16.026 *	14.919 *
14	35.923 *	23.058 *	16.399 *	9.497 *	6.597 *	4.670 *	4.111 *	12.884 *	12.500 *	9.300 *	13.275 *	14.909 *
15	34.227 *	23.058 *	16.389 *	10.319 *	6.367 *	4.670 *	4.111 *	13.058 *	12.500 *	9.160 *	15.305 *	14.919 *
16	32.560 *	21.278 *	15.649 *	9.735 *	6.367 *	4.670 *	4.111 *	13.058 *	12.828 *	9.160 *	13.487 *	14.553 *
17	30.416 *	20.847 *	14.553 *	8.346 *	5.696 *	4.111 *	3.747 *	15.640 *	11.852 *	8.081 *	21.287 *	13.504 *
18	29.889 *	20.847 *	14.553 *	8.346 *	5.917 *	4.111 *	3.747 *	15.275 *	11.852 *	8.346 *	22.665 *	13.504 *
19	28.368 *	20.847 *	14.553 *	8.346 *	5.696 *	4.289 *	3.925 *	14.197 *	11.852 *	8.081 *	23.067 *	13.504 *
20	27.363 *	20.416 *	14.553 *	8.346 *	6.146 *	4.289 *	3.747 *	14.197 *	11.852 *	8.611 *	24.464 *	12.828 *
21	27.363 *	20.416 *	14.909 *	8.346 *	6.146 *	4.289 *	2.714 *	13.166 *	11.533 *	8.611 *	23.976 *	12.500 *
22	25.871 *	20.416 *	14.553 *	8.081 *	6.146 *	4.102 *	3.747 *	13.166 *	11.222 *	7.569 *	24.445 *	12.500 *
23	25.392 *	19.994 *	14.197 *	7.825 *	6.367 *	4.102 *	4.475 *	12.828 *	11.222 *	7.197 *	24.014 *	12.500 *
24	25.392 *	19.994 *	13.850 *	7.825 *	6.138 *	4.102 *	3.747 *	12.828 *	11.222 *	6.954 *	24.257 *	12.500 *
25	25.871 *	19.994 *	13.850 *	7.825 *	6.367 *	4.102 *	6.146 *	12.828 *	11.222 *	7.076 *	25.392 *	11.852 *
26	25.392 *	19.573 *	13.850 *	7.825 *	6.606 *	4.102 *	6.853 *	11.870 *	11.222 *	7.201 *	23.334 *	11.542 *
27	25.392 *	19.573 *	13.850 *	7.825 *	6.146 *	4.102 *	6.367 *	13.504 *	11.222 *	7.569 *	22.244 *	11.852 *
28	25.392 *	19.573 *	13.850 *	7.825 *	6.146 *	4.102 *	6.138 *	13.166 *	11.533 *	7.444 *	23.143 *	11.852 *
29	25.392 *		13.513 *	7.825 *	6.367 *	4.102 *	6.146 *	13.166 *	11.533 *	7.444 *	22.410 *	11.533 *
30	25.392 *		13.504 *	7.569 *	6.138 *	4.102 *	6.367 *	13.166 *	11.533 *	7.321 *	20.416 *	11.852 *
31	25.871 *							13.504 *		6.835 *		11.222 *
Caudal Max.	36.498 *	23.976 *		14.197 *		5.271 *		19.573 *	13.504 *	10.912 *	29.889 *	17.944 *
Día	14	vv		1		1		6	9	2	11	1
Hora	7			7		7		17	7	7	17	7
Caudal Min.	24.914 *	19.573 *		7.569 *		3.747 *		6.138 *	10.912 *	6.597 *	5.271 *	10.912 *
Día	29	vv		28		18		3	24	31	14	31
Hora	17			17		17		7	17	17	7	17
Caudal Medio	29.320	22.003	15.540	9.881	6.228	4.517	4.479	12.638	12.020	8.709	17.666	13.976

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



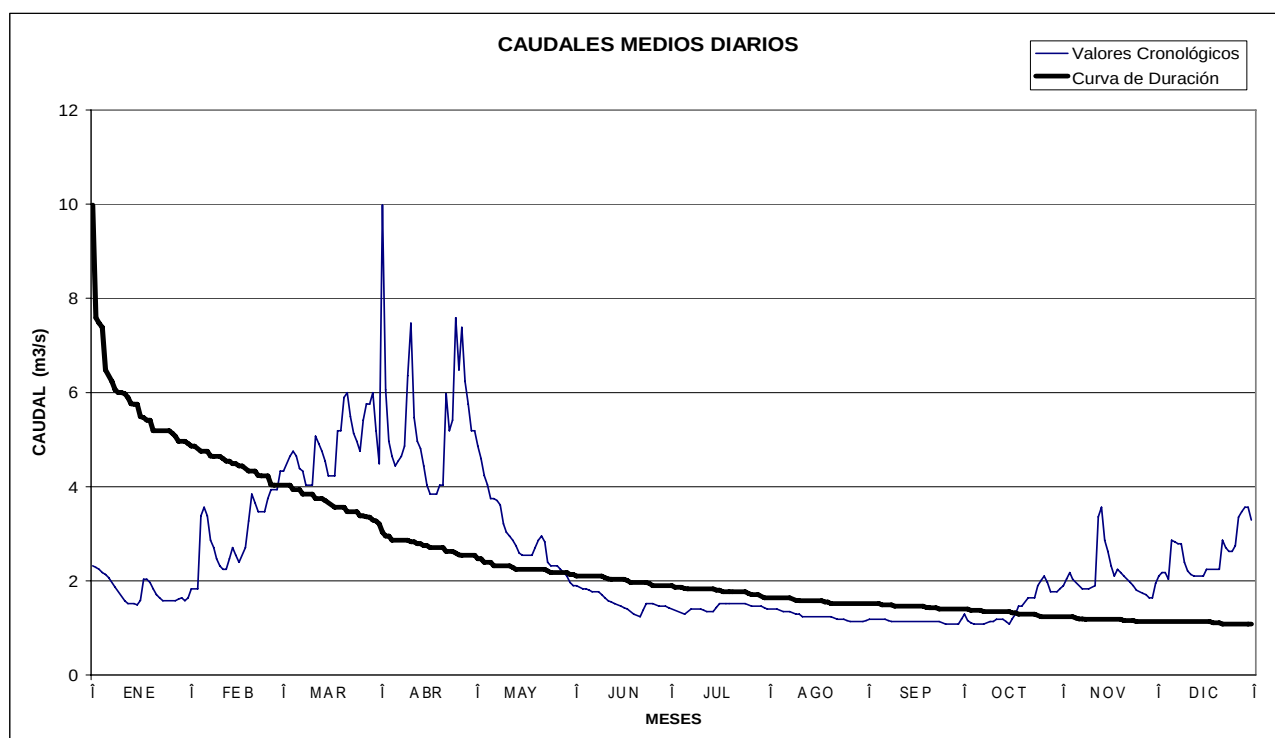
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H385	ANGAS AJ CHANCHAN											Area Drenaje:1500 km ²
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2.323 *	1.835 *	4.337 *	4.492 *	5.187 *	1.901 *	1.435 *	1.406 *	1.161 *	1.189 *	1.836 *	1.947 *
2	2.286 *	1.835 *	4.337 *	9.981 *	4.859 *	1.901 *	1.406 *	1.406 *	1.186 *	1.294 *	1.901 *	2.107 *
3	2.249 *	1.835 *	4.492 *	6.057 *	4.594 *	1.868 *	1.377 *	1.406 *	1.186 *	1.161 *	2.039 *	2.177 *
4	2.177 *	3.383 *	4.647 *	4.967 *	4.237 *	1.835 *	1.349 *	1.406 *	1.186 *	1.109 *	2.177 *	2.177 *
5	2.142 *	3.564 *	4.753 *	4.647 *	4.039 *	1.835 *	1.321 *	1.377 *	1.186 *	1.084 *	2.037 *	2.037 *
6	2.072 *	3.386 *	4.649 *	4.439 *	3.750 *	1.803 *	1.294 *	1.349 *	1.186 *	1.084 *	1.969 *	2.869 *
7	1.969 *	2.869 *	4.388 *	4.543 *	3.750 *	1.770 *	1.350 *	1.349 *	1.186 *	1.084 *	1.901 *	2.828 *
8	1.868 *	2.709 *	4.337 *	4.647 *	3.703 *	1.770 *	1.406 *	1.349 *	1.161 *	1.084 *	1.835 *	2.787 *
9	1.771 *	2.473 *	4.038 *	4.859 *	3.610 *	1.770 *	1.406 *	1.321 *	1.135 *	1.109 *	1.835 *	2.787 *
10	1.675 *	2.323 *	4.038 *	6.358 *	3.207 *	1.707 *	1.406 *	1.294 *	1.135 *	1.135 *	1.835 *	2.397 *
11	1.583 *	2.249 *	4.038 *	7.474 *	3.035 *	1.644 *	1.406 *	1.294 *	1.135 *	1.135 *	1.868 *	2.213 *
12	1.523 *	2.249 *	5.076 *	5.472 *	2.952 *	1.583 *	1.377 *	1.240 *	1.135 *	1.186 *	1.901 *	2.142 *
13	1.523 *	2.473 *	4.914 *	4.967 *	2.869 *	1.553 *	1.349 *	1.240 *	1.135 *	1.186 *	3.360 *	2.107 *
14	1.523 *	2.707 *	4.752 *	4.807 *	2.748 *	1.523 *	1.349 *	1.240 *	1.135 *	1.186 *	3.567 *	2.107 *
15	1.493 *	2.549 *	4.542 *	4.439 *	2.588 *	1.493 *	1.349 *	1.240 *	1.135 *	1.135 *	2.869 *	2.107 *
16	1.585 *	2.397 *	4.236 *	4.038 *	2.549 *	1.464 *	1.436 *	1.240 *	1.135 *	1.084 *	2.627 *	2.107 *
17	2.037 *	2.552 *	4.236 *	3.845 *	2.549 *	1.435 *	1.523 *	1.240 *	1.135 *	1.189 *	2.323 *	2.249 *
18	2.037 *	2.707 *	4.236 *	3.845 *	2.549 *	1.406 *	1.523 *	1.240 *	1.135 *	1.294 *	2.107 *	2.249 *
19	1.969 *	3.276 *	5.187 *	3.845 *	2.549 *	1.350 *	1.523 *	1.240 *	1.135 *	1.464 *	2.249 *	2.249 *
20	1.835 *	3.845 *	5.187 *	4.038 *	2.709 *	1.294 *	1.523 *	1.240 *	1.135 *	1.464 *	2.178 *	2.249 *
21	1.707 *	3.659 *	5.897 *	4.038 *	2.869 *	1.267 *	1.523 *	1.240 *	1.135 *	1.554 *	2.107 *	2.249 *
22	1.645 *	3.473 *	5.994 *	5.981 *	2.951 *	1.240 *	1.523 *	1.213 *	1.135 *	1.644 *	2.037 *	2.869 *
23	1.583 *	3.473 *	5.486 *	5.187 *	2.829 *	1.381 *	1.523 *	1.186 *	1.135 *	1.644 *	1.968 *	2.707 *
24	1.583 *	3.473 *	5.135 *	5.411 *	2.397 *	1.523 *	1.523 *	1.186 *	1.135 *	1.644 *	1.902 *	2.627 *
25	1.583 *	3.750 *	4.967 *	7.590 *	2.323 *	1.523 *	1.523 *	1.186 *	1.109 *	1.901 *	1.803 *	2.627 *
26	1.583 *	3.941 *	4.752 *	6.481 *	2.323 *	1.523 *	1.493 *	1.161 *	1.084 *	2.004 *	1.770 *	2.748 *
27	1.583 *	3.941 *	5.411 *	7.382 *	2.323 *	1.493 *	1.464 *	1.135 *	1.084 *	2.107 *	1.738 *	3.357 *
28	1.613 *	3.941 *	5.762 *	6.236 *	2.249 *	1.464 *	1.464 *	1.135 *	1.084 *	1.968 *	1.707 *	3.473 *
29	1.644 *		5.757 *	5.757 *	2.177 *	1.464 *	1.464 *	1.135 *	1.084 *	1.770 *	1.644 *	3.565 *
30	1.583 *		5.994 *	5.187 *	2.107 *	1.464 *	1.464 *	1.135 *	1.084 *	1.770 *	1.644 *	3.565 *
31	1.644 *		5.189 *		1.969 *		1.435 *	1.135 *		1.770 *		3.294 *
Caudal Max.	2.323 *	3.941 *	6.606 *	10.600 *	5.187 *	1.901 *	1.522 *	1.406 *	1.186 *	2.106 *	4.542 *	3.845 *
Día	1	vv	21	2	1	vv	18	vv	vv	27	13	27
Hora	6		18	18	6		6			6	18	18
Caudal Min.	1.464 *	1.835 *	4.038 *	3.845 *	1.901 *	1.239 *	1.294 *	1.135 *	1.084 *	1.084 *	1.644 *	1.644 *
Día	15	vv	vv	vv	31	21	5	vv	vv	vv	vv	1
Hora	18				18	6	18					6
Caudal Medio	1.787	2.960	4.863	5.367	3.050	1.575	1.435	1.257	1.137	1.401	2.091	2.547

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



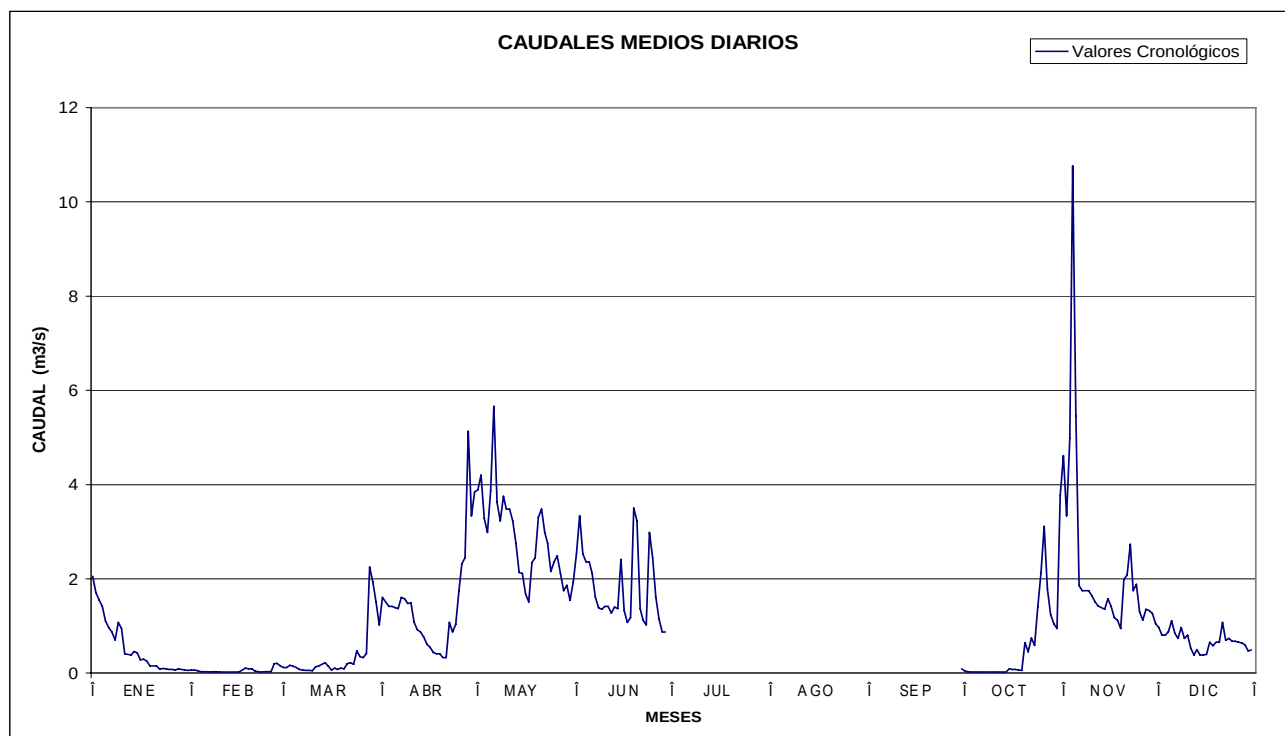
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H466		SILANTE EN INGAPIRCA										Area Drenaje:120 km2		
	DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
	1	2.053 *	0.069 *	0.152 *	1.021 *	3.847 *	1.932 *				0.094 *	3.767 *	1.047 *	
	2	1.712 *	0.069 *	0.120 *	1.610 *	3.890 *	2.529 *				0.049 *	4.615 *	0.971 *	
	3	1.551 *	0.051 *	0.120 *	1.514 *	4.200 *	3.339 *				0.030 *	3.338 *	0.805 *	
	4	1.417 *	0.033 *	0.164 *	1.417 *	3.281 *	2.529 *				0.026 *	4.981 *	0.805 *	
	5	1.100 *	0.033 *	0.145 *	1.417 *	2.984 *	2.359 *				0.021 *	10.759 *	0.880 *	
	6	0.971 *	0.033 *	0.120 *	1.387 *	3.869 *	2.359 *				0.021 *	5.457 *	1.115 *	
	7	0.874 *	0.027 *	0.081 *	1.368 *	5.658 *	2.117 *				0.021 *	1.856 *	0.850 *	
	8	0.700 *	0.033 *	0.069 *	1.610 *	3.620 *	1.613 *				0.021 *	1.747 *	0.739 *	
	9	1.076 *	0.033 *	0.058 *	1.577 *	3.233 *	1.387 *				0.023 *	1.747 *	0.971 *	
	10	0.946 *	0.026 *	0.058 *	1.480 *	3.754 *	1.356 *				0.021 *	1.747 *	0.739 *	
	11	0.412 *	0.026 *	0.049 *	1.493 *	3.482 *	1.418 *				0.021 *	1.644 *	0.805 *	
	12	0.397 *	0.026 *	0.129 *	1.074 *	3.482 *	1.417 *				0.021 *	1.512 *	0.528 *	
	13	0.382 *	0.026 *	0.152 *	0.922 *	3.233 *	1.272 *				0.021 *	1.424 *	0.382 *	
	14	0.459 *	0.026 *	0.191 *	0.874 *	2.756 *	1.402 *				0.021 *	1.387 *	0.500 *	
	15	0.427 *	0.026 *	0.219 *	0.765 *	2.138 *	1.368 *				0.021 *	1.359 *	0.382 *	
	16	0.282 *	0.026 *	0.149 *	0.618 *	2.117 *	2.413 *				0.093 *	1.577 *	0.382 *	
	17	0.295 *	0.069 *	0.069 *	0.546 *	1.679 *	1.328 *				0.074 *	1.418 *	0.397 *	
	18	0.253 *	0.106 *	0.105 *	0.443 *	1.512 *	1.074 *				0.080 *	1.182 *	0.657 *	
	19	0.152 *	0.092 *	0.077 *	0.412 *	2.347 *	1.182 *				0.064 *	1.126 *	0.580 *	
	20	0.152 *	0.094 *	0.106 *	0.412 *	2.444 *	3.505 *				0.058 *	0.947 *	0.657 *	
	21	0.152 *	0.046 *	0.092 *	0.326 *	3.305 *	3.233 *				0.648 *	1.985 *	0.657 *	
	22	0.085 *	0.033 *	0.198 *	0.326 *	3.482 *	1.368 *				0.453 *	2.079 *	1.074 *	
	23	0.099 *	0.023 *	0.219 *	1.074 *	2.984 *	1.126 *				0.742 *	2.737 *	0.698 *	
	24	0.092 *	0.033 *	0.189 *	0.874 *	2.756 *	1.021 *				0.583 *	1.747 *	0.739 *	
	25	0.081 *	0.033 *	0.476 *	1.037 *	2.157 *	2.985 *				1.402 *	1.888 *	0.677 *	
	26	0.074 *	0.033 *	0.354 *	1.747 *	2.359 *	2.444 *				2.125 *	1.297 *	0.677 *	
	27	0.069 *	0.199 *	0.326 *	2.320 *	2.486 *	1.610 *				3.112 *	1.126 *	0.657 *	
	28	0.092 *	0.209 *	0.417 *	2.450 *	2.118 *	1.145 *				1.792 *	1.356 *	0.637 *	
	29	0.080 *		2.253 *	5.135 *	1.747 *	0.874 *				1.245 *	1.326 *	0.599 *	
	30	0.069 *		1.932 *	3.339 *	1.864 *	0.874 *				1.048 *	1.267 *	0.475 *	
	31	0.058 *		1.514 *		1.544 *					0.946 *		0.492 *	
	Caudal Max.	2.359 *	0.230 *	3.379 *	5.656 *	7.290 *	4.026 *				3.694 *	13.234 *	1.356 *	
	Día	1	28	29	29	7	20				27	5	6	
	Hora	6	17	17	7	17	17				17	7	17	
	Caudal Mín.	0.049 *	0.021 *	0.049 *	0.326 *	1.417 *	0.873 *				0.021 *	0.873 *	0.382 *	
	Día	22	23	11	vv	19	30				vv	20	vv	
	Hora	17	17	6		7	7					17		
	Caudal Medio	0.534	0.055	0.332	1.353	2.914	1.819				0.480	2.347	0.696	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



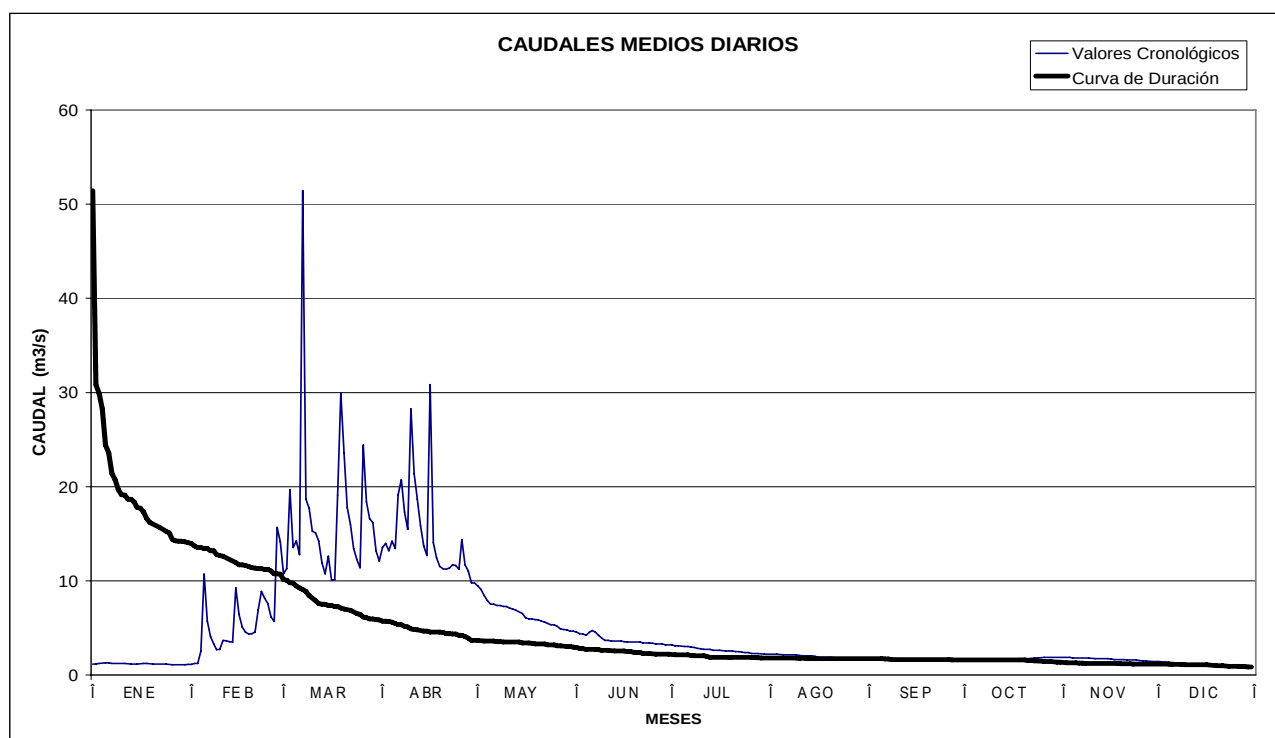
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H503		TENGUEL EN TENGUEL										Area Drenaje:161 km ²	
DIA		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		1.175 *	1.143 *	14.164 *	12.114 *	9.753 *	4.676 *	3.211 *	2.218 *	1.739 *	1.590 *	1.894 *	1.446 *
2		1.175 *	1.241 *	10.757 *	13.538 *	9.455 *	4.564 *	3.211 *	2.218 *	1.739 *	1.590 *	1.894 *	1.446 *
3		1.242 *	1.241 *	11.303 *	13.970 *	9.086 *	4.399 *	3.114 *	2.218 *	1.739 *	1.590 *	1.894 *	1.411 *
4		1.275 *	2.567 *	19.704 *	13.196 *	8.437 *	4.344 *	3.114 *	2.218 *	1.739 *	1.590 *	1.894 *	1.377 *
5		1.308 *	10.725 *	13.540 *	14.229 *	7.878 *	4.235 *	3.067 *	2.176 *	1.739 *	1.590 *	1.816 *	1.377 *
6		1.308 *	5.738 *	14.244 *	13.452 *	7.534 *	4.512 *	3.019 *	2.135 *	1.739 *	1.590 *	1.816 *	1.342 *
7		1.241 *	4.086 *	12.777 *	19.152 *	7.534 *	4.733 *	3.019 *	2.135 *	1.739 *	1.590 *	1.816 *	1.308 *
8		1.241 *	3.310 *	51.444 *	20.753 *	7.399 *	4.564 *	2.972 *	2.135 *	1.739 *	1.590 *	1.816 *	1.308 *
9		1.241 *	2.696 *	18.683 *	17.327 *	7.399 *	4.236 *	2.926 *	2.135 *	1.739 *	1.590 *	1.816 *	1.275 *
10		1.241 *	2.741 *	17.715 *	15.479 *	7.264 *	3.916 *	2.833 *	2.135 *	1.739 *	1.590 *	1.816 *	1.241 *
11		1.241 *	3.709 *	15.293 *	28.253 *	7.264 *	3.709 *	2.787 *	2.094 *	1.739 *	1.590 *	1.778 *	1.208 *
12		1.208 *	3.659 *	15.113 *	21.391 *	7.132 *	3.709 *	2.741 *	2.053 *	1.702 *	1.590 *	1.739 *	1.175 *
13		1.175 *	3.557 *	14.232 *	18.664 *	6.999 *	3.607 *	2.741 *	2.053 *	1.664 *	1.590 *	1.739 *	1.175 *
14		1.175 *	3.506 *	11.951 *	15.846 *	6.868 *	3.607 *	2.741 *	2.053 *	1.664 *	1.590 *	1.739 *	1.143 *
15		1.175 *	9.262 *	10.761 *	13.712 *	6.737 *	3.607 *	2.651 *	2.053 *	1.664 *	1.590 *	1.739 *	1.111 *
16		1.208 *	6.426 *	12.613 *	12.691 *	6.543 *	3.607 *	2.651 *	1.973 *	1.664 *	1.590 *	1.739 *	1.111 *
17		1.241 *	5.135 *	10.061 *	30.844 *	6.101 *	3.557 *	2.651 *	1.894 *	1.664 *	1.554 *	1.702 *	1.111 *
18		1.241 *	4.565 *	10.132 *	14.056 *	5.976 *	3.506 *	2.607 *	1.894 *	1.664 *	1.628 *	1.664 *	1.080 *
19		1.208 *	4.344 *	19.104 *	12.444 *	5.976 *	3.506 *	2.562 *	1.894 *	1.664 *	1.739 *	1.664 *	1.048 *
20		1.175 *	4.400 *	29.938 *	11.544 *	5.914 *	3.506 *	2.562 *	1.894 *	1.664 *	1.739 *	1.664 *	1.018 *
21		1.175 *	4.569 *	23.581 *	11.303 *	5.852 *	3.506 *	2.562 *	1.894 *	1.664 *	1.739 *	1.664 *	0.987 *
22		1.175 *	6.933 *	17.804 *	11.223 *	5.730 *	3.506 *	2.474 *	1.855 *	1.664 *	1.739 *	1.627 *	0.987 *
23		1.175 *	8.870 *	16.029 *	11.383 *	5.609 *	3.407 *	2.474 *	1.816 *	1.664 *	1.778 *	1.590 *	0.957 *
24		1.175 *	8.165 *	13.452 *	11.704 *	5.489 *	3.407 *	2.431 *	1.816 *	1.664 *	1.816 *	1.590 *	0.927 *
25		1.143 *	7.605 *	12.277 *	11.624 *	5.369 *	3.407 *	2.387 *	1.816 *	1.664 *	1.816 *	1.590 *	0.898 *
26		1.111 *	6.166 *	11.385 *	11.224 *	5.369 *	3.357 *	2.387 *	1.816 *	1.664 *	1.855 *	1.554 *	0.869 *
27		1.111 *	5.669 *	24.408 *	14.394 *	5.193 *	3.308 *	2.302 *	1.778 *	1.664 *	1.894 *	1.518 *	0.869 *
28		1.111 *	15.687 *	18.395 *	11.706 *	4.903 *	3.308 *	2.302 *	1.739 *	1.627 *	1.894 *	1.518 *	0.898 *
29		1.111 *		16.578 *	11.066 *	4.846 *	3.308 *	2.302 *	1.739 *	1.590 *	1.894 *	1.482 *	0.927 *
30		1.111 *		16.206 *	9.828 *	4.789 *	3.211 *	2.260 *	1.739 *	1.590 *	1.894 *	1.446 *	0.927 *
31		1.143 *		13.196 *		4.676 *		2.218 *	1.739 *		1.894 *		0.927 *
Caudal Max.		1.308 *	17.321 *	69.700 *	41.642 *	9.828 *	4.789 *	3.211 *	2.218 *	1.739 *	1.894 *	1.894 *	1.446 *
Día		vv	28	8	17	1	6	vv	vv	vv	vv	vv	vv
Hora			7	7	7	7	18						
Caudal Min.		1.111 *	1.111 *	9.528 *	9.828 *	4.676 *	3.211 *	2.218 *	1.739 *	1.590 *	1.518 *	1.446 *	0.869 *
Día		vv	1	17	30	31	30	31	vv	vv	18	29	vv
Hora			18	18	18	18	18	7			7	17	
Caudal Medio		1.195	5.276	16.672	14.937	6.615	3.794	2.686	1.978	1.687	1.687	1.707	1.125

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



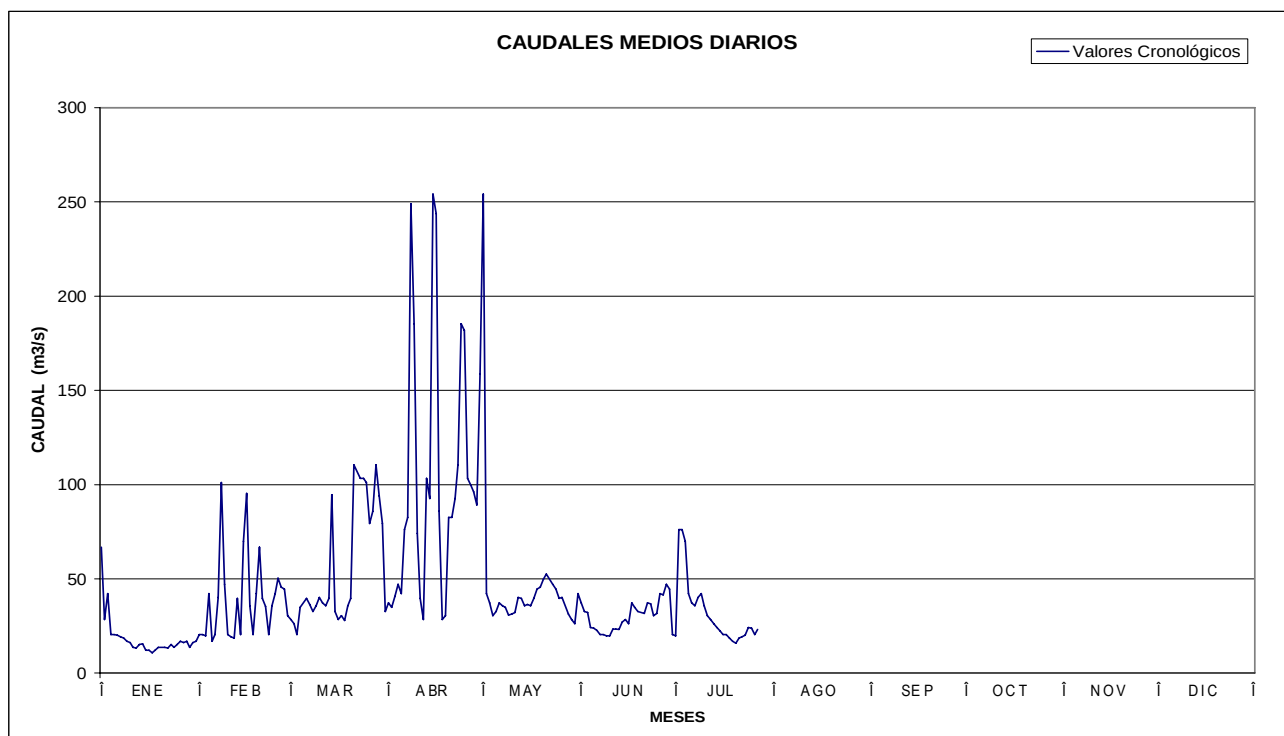
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H528	JUBONES DJ MINAS											Area Drenaje:2700 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	66.830 *	20.427 *	30.458 *	32.660 *	158.641 *	42.096 *	20.427 *					
2	28.320 *	20.427 *	28.320 *	37.254 *	254.195 *	37.254 *	19.698 *					
3	42.096 *	19.698 *	26.247 *	34.926 *	42.096 *	32.660 *	76.103 *					
4	20.427 *	42.096 *	20.427 *	40.618 *	37.254 *	32.215 *	76.103 *					
5	20.427 *	16.889 *	34.926 *	47.182 *	30.458 *	24.240 *	69.866 *					
6	20.061 *	20.427 *	37.254 *	42.096 *	32.660 *	23.847 *	42.096 *					
7	19.337 *	40.130 *	39.645 *	76.103 *	37.254 *	22.683 *	37.254 *					
8	18.623 *	101.072 *	36.315 *	82.561 *	35.850 *	20.427 *	35.850 *					
9	16.889 *	47.182 *	32.660 *	248.981 *	34.926 *	20.427 *	40.130 *					
10	16.215 *	20.427 *	35.850 *	185.343 *	30.894 *	19.698 *	42.096 *					
11	13.635 *	19.337 *	40.130 *	74.209 *	31.331 *	19.698 *	35.850 *					
12	13.326 *	18.623 *	37.254 *	39.645 *	32.215 *	23.456 *	30.458 *					
13	15.226 *	39.645 *	35.850 *	28.320 *	40.130 *	23.456 *	28.320 *					
14	15.553 *	20.427 *	39.645 *	103.224 *	39.645 *	23.068 *	26.247 *					
15	12.118 *	69.866 *	94.729 *	92.653 *	35.850 *	27.069 *	24.240 *					
16	12.118 *	95.425 *	32.660 *	254.195 *	36.315 *	28.320 *	22.300 *					
17	10.676 *	35.850 *	28.320 *	243.811 *	35.850 *	26.247 *	20.427 *					
18	12.118 *	20.427 *	30.458 *	85.871 *	39.645 *	37.254 *	20.427 *					
19	13.635 *	42.096 *	27.901 *	28.320 *	44.609 *	34.926 *	18.623 *					
20	13.635 *	66.830 *	35.850 *	30.458 *	45.631 *	32.660 *	16.889 *					
21	13.635 *	39.645 *	39.645 *	82.561 *	49.814 *	32.215 *	15.883 *					
22	13.326 *	35.387 *	110.532 *	82.561 *	52.505 *	31.772 *	18.623 *					
23	15.226 *	20.427 *	106.852 *	92.653 *	49.814 *	37.254 *	19.337 *					
24	13.635 *	35.850 *	103.224 *	110.532 *	47.182 *	36.784 *	20.061 *					
25	15.226 *	42.096 *	103.224 *	185.343 *	44.609 *	30.458 *	24.240 *					
26	16.889 *	50.347 *	101.072 *	181.683 *	39.645 *	31.772 *	23.847 *					
27	16.215 *	45.631 *	79.305 *	103.224 *	40.130 *	42.096 *	20.427 *					
28	16.889 *	44.609 *	85.871 *	99.647 *	35.850 *	41.601 *	23.068 *					
29	13.635 *		110.532 *	96.124 *	31.331 *	47.182 *						
30	16.215 *		94.035 *	89.235 *	28.320 *	44.609 *						
31	16.889 *		79.305 *		26.247 *							
Caudal Max.	66.830 *	101.072 *	110.532 *	254.195 *	254.195 *	47.182 *						
Día	1	8		16	2	29						
Hora	18	18		18	18	18						
Caudal Min.	10.675 *	16.889 *	20.427 *	28.320 *	26.247 *	19.697 *						
Día	17	5	4		31	11						
Hora	18	18	18		18	18						
Caudal Medio	18.356	38.975	56.081	97.733	49.061	30.915	31.032					

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

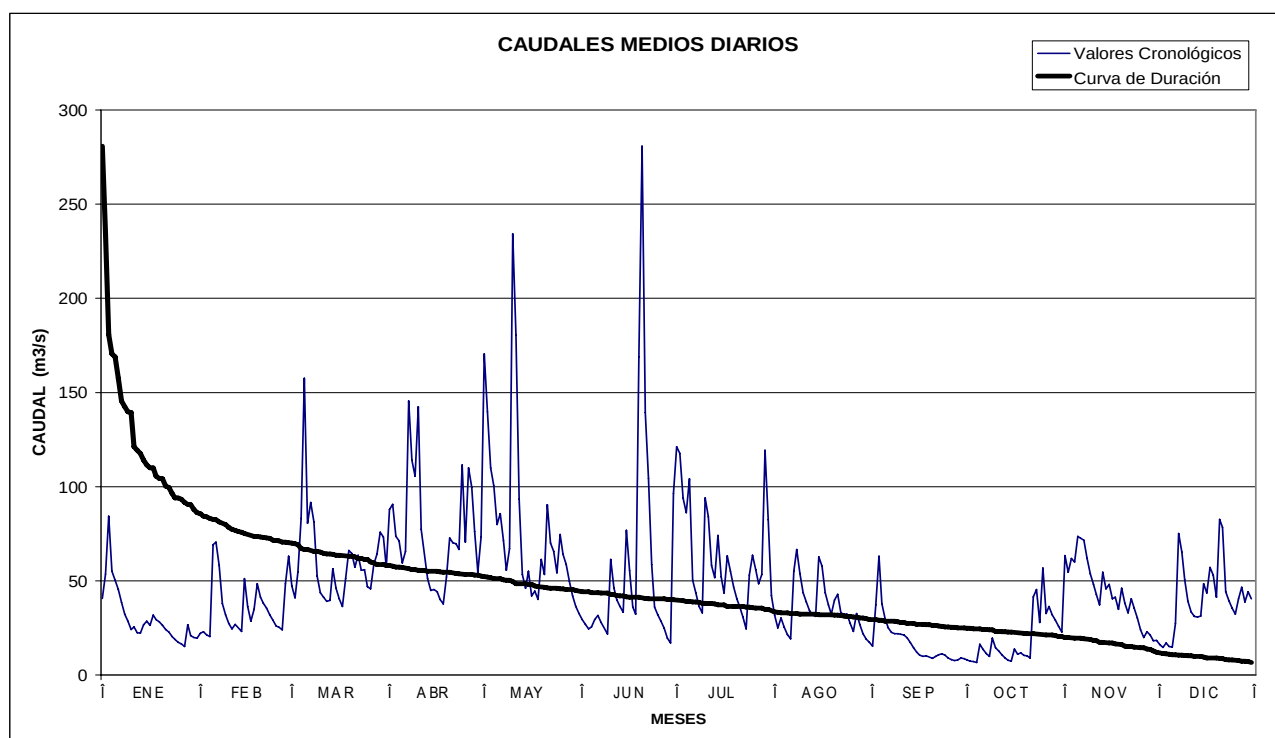


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H530	JUBONES EN USHCURRUMI												Area Drenaje:3580 km ²
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	40.649 *	22.225 *	63.174 *	57.301 *	73.177 *	32.681 *	96.369 *	42.113 *	17.427 *	8.771 *	22.791 *	18.464 *	
2	53.611 *	23.031 *	47.325 *	87.899 *	170.460 *	29.408 *	121.209 *	31.893 *	15.460 *	8.132 *	63.398 *	16.229 *	
3	84.372 *	21.355 *	40.959 *	90.591 *	139.741 *	26.902 *	117.698 *	25.055 *	37.279 *	7.409 *	54.686 *	14.710 *	
4	55.111 *	20.436 *	54.922 *	73.663 *	110.084 *	24.528 *	94.003 *	30.296 *	63.063 *	7.295 *	61.884 *	17.021 *	
5	50.502 *	69.135 *	83.226 *	71.248 *	100.235 *	25.565 *	86.294 *	25.343 *	37.912 *	6.733 *	60.015 *	15.085 *	
6	45.388 *	70.634 *	157.700 *	59.536 *	79.871 *	29.445 *	104.226 *	21.592 *	30.015 *	16.421 *	73.663 *	14.920 *	
7	38.537 *	58.100 *	80.647 *	65.631 *	85.760 *	31.773 *	50.502 *	19.325 *	25.045 *	13.656 *	72.626 *	27.483 *	
8	32.381 *	37.912 *	91.706 *	145.469 *	71.380 *	28.000 *	43.578 *	55.096 *	22.555 *	11.492 *	71.598 *	75.142 *	
9	28.595 *	32.070 *	81.334 *	114.179 *	55.567 *	24.791 *	36.505 *	66.602 *	22.115 *	10.011 *	61.884 *	65.365 *	
10	24.274 *	27.462 *	52.713 *	105.621 *	67.123 *	21.832 *	32.995 *	53.910 *	22.065 *	19.678 *	53.849 *	50.544 *	
11	25.618 *	24.531 *	43.870 *	142.537 *	234.172 *	61.527 *	94.003 *	43.883 *	21.618 *	14.530 *	48.094 *	39.209 *	
12	22.541 *	26.902 *	41.313 *	77.376 *	180.657 *	46.202 *	83.971 *	38.871 *	21.355 *	12.787 *	42.768 *	33.637 *	
13	22.301 *	25.045 *	39.202 *	64.347 *	93.481 *	39.905 *	58.191 *	34.247 *	19.766 *	10.746 *	37.169 *	31.218 *	
14	26.674 *	23.274 *	39.583 *	51.338 *	53.437 *	36.505 *	51.742 *	32.107 *	17.229 *	9.040 *	54.686 *	30.870 *	
15	28.559 *	51.175 *	56.598 *	45.001 *	46.153 *	33.299 *	74.251 *	31.163 *	14.539 *	7.887 *	45.837 *	31.466 *	
16	26.357 *	36.415 *	46.153 *	45.437 *	55.071 *	76.916 *	52.270 *	62.773 *	12.138 *	7.406 *	48.136 *	48.485 *	
17	31.818 *	28.559 *	40.625 *	44.249 *	42.033 *	55.510 *	43.505 *	57.781 *	10.583 *	13.839 *	40.609 *	43.545 *	
18	29.437 *	34.894 *	36.497 *	40.251 *	44.619 *	36.183 *	63.252 *	43.883 *	10.000 *	11.185 *	41.361 *	57.209 *	
19	28.274 *	48.518 *	51.175 *	37.834 *	40.251 *	32.369 *	55.146 *	37.208 *	10.288 *	11.809 *	34.885 *	53.108 *	
20	26.364 *	41.321 *	66.147 *	52.150 *	61.437 *	168.893 *	46.926 *	32.381 *	9.720 *	10.440 *	46.173 *	41.337 *	
21	24.274 *	38.176 *	64.669 *	72.711 *	53.437 *	280.765 *	40.609 *	39.867 *	8.904 *	10.290 *	38.207 *	82.720 *	
22	22.784 *	35.518 *	57.426 *	70.182 *	90.397 *	139.336 *	35.849 *	42.931 *	10.000 *	9.040 *	32.995 *	78.417 *	
23	20.436 *	32.070 *	63.716 *	69.826 *	70.079 *	104.385 *	30.907 *	32.995 *	10.784 *	41.678 *	40.609 *	44.249 *	
24	18.892 *	29.126 *	55.567 *	66.602 *	65.677 *	58.810 *	24.559 *	32.381 *	11.337 *	45.358 *	35.530 *	39.563 *	
25	17.421 *	26.093 *	56.044 *	111.584 *	54.287 *	36.183 *	53.108 *	32.381 *	10.591 *	28.000 *	30.318 *	35.518 *	
26	16.616 *	25.322 *	46.947 *	70.599 *	74.757 *	32.070 *	63.716 *	27.462 *	9.179 *	56.762 *	24.052 *	32.369 *	
27	15.268 *	24.024 *	45.837 *	110.084 *	64.200 *	28.559 *	55.992 *	23.281 *	8.257 *	32.681 *	19.992 *	40.609 *	
28	26.681 *	48.514 *	58.669 *	99.609 *	58.669 *	24.805 *	48.497 *	32.718 *	7.653 *	36.521 *	23.031 *	46.531 *	
29	20.899 *		64.347 *	76.168 *	49.767 *	19.549 *	53.550 *	26.902 *	8.008 *	32.070 *	21.362 *	38.871 *	
30	19.992 *		75.765 *	54.686 *	42.041 *	17.021 *	119.314 *	22.092 *	9.179 *	29.126 *	18.257 *	44.249 *	
31	19.542 *		73.304 *		36.505 *		82.558 *	19.105 *		25.833 *		40.609 *	
Caudal Max.	107.380 *	81.737 *	217.074 *	186.197 *	293.333 *	281.717 *	144.092 *	88.603 *	75.225 *	77.357 *	75.225 *	116.959 *	
Día	3	6	6	8	11	21	2	8	4	26	6	21	
Hora	7	7	7	18	18	7	18	18	7	7	7	18	
Caudal Min.	14.893 *	18.888 *	36.167 *	37.496 *	35.514 *	16.418 *	23.028 *	18.888 *	7.174 *	6.293 *	17.625 *	13.812 *	
Día	27	1	18	19	31	30	24	31	28	5	30	6	
Hora	18	7	18	1	18	18	18	18	18	18	18	7	
Caudal Medio	30.457	35.066	60.553	75.790	79.501	53.457	65.009	36.053	17.802	18.278	44.015	40.282	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



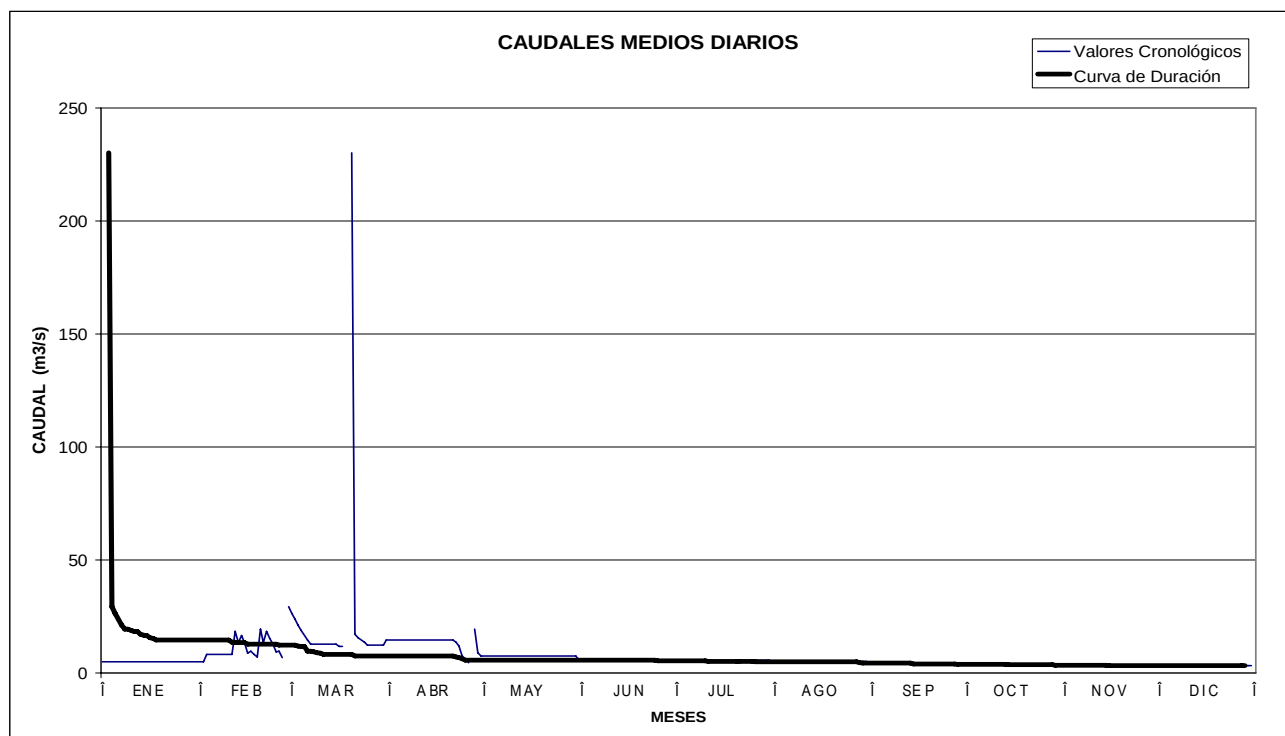
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H573	SANTA ROSA EN EL VADO											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	5.109 *	5.109 *	29.301 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
2	5.109 *	5.109 *	26.468 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
3	5.109 *	8.327 *	23.794 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
4	5.109 *	8.327 *	21.278 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
5	5.109 *	8.327 *	18.918 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
6	5.109 *	8.327 *	16.712 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
7	5.109 *	8.327 *	14.657 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
8	5.109 *	8.327 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
9	5.109 *	8.327 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
10	5.109 *	8.327 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
11	5.109 *	8.327 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
12	5.109 *	18.460 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
13	5.109 *	13.504 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
14	5.109 *	16.651 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
15	5.109 *	13.504 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
16	5.109 *	8.885 *	12.752 *	14.657 *	7.573 *	5.658 *	5.658 *	5.428 *	4.458 *	3.964 *	3.504 *	3.328 *
17	5.109 *	9.765 *	11.854 *	14.657 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.415 *	3.328 *
18	5.109 *	8.327 *	11.854 *	14.657 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
19	5.109 *	7.162 *	Crecida	14.657 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
20	5.109 *	19.489 *	Crecida	14.657 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
21	5.109 *	13.504 *	230.178 *	14.657 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
22	5.109 *	18.520 *	17.263 *	14.657 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
23	5.109 *	15.452 *	15.666 *	13.686 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
24	5.109 *	12.751 *	14.657 *	11.963 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
25	5.109 *	9.434 *	13.686 *	7.573 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
26	5.109 *	9.765 *	12.312 *	6.273 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
27	5.109 *	6.889 *	12.312 *	4.560 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
28	5.109 *		12.312 *		7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
29	5.109 *		12.312 *	19.489 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
30	5.109 *		12.312 *	9.011 *	7.573 *	5.658 *	5.658 *	5.203 *	4.061 *	3.776 *	3.328 *	3.328 *
31	5.109 *		12.312 *		7.573 *		5.658 *	5.203 *		3.776 *		3.328 *
Caudal Max.	Crecida		Crecida		8.257 *	5.658 *	5.658 *	5.428 *	4.560 *	3.964 *	3.593 *	3.415 *
Día	8	0			4	vv	vv	vv	8	vv	7	12
Hora	7		vv		7				7	vv	7	7
Caudal Min.	4.560 *		11.854 *		6.889 *	5.658 *	5.658 *	5.203 *	3.964 *	3.776 *	3.241 *	3.241 *
Día	24		vv		21	vv	vv	vv	28	vv	28	24
Hora	17		17		17				17		17	17
Caudal Medio	5.109	10.638	21.325	13.621	7.573	5.658	5.658	5.319	4.273	3.873	3.425	3.328

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



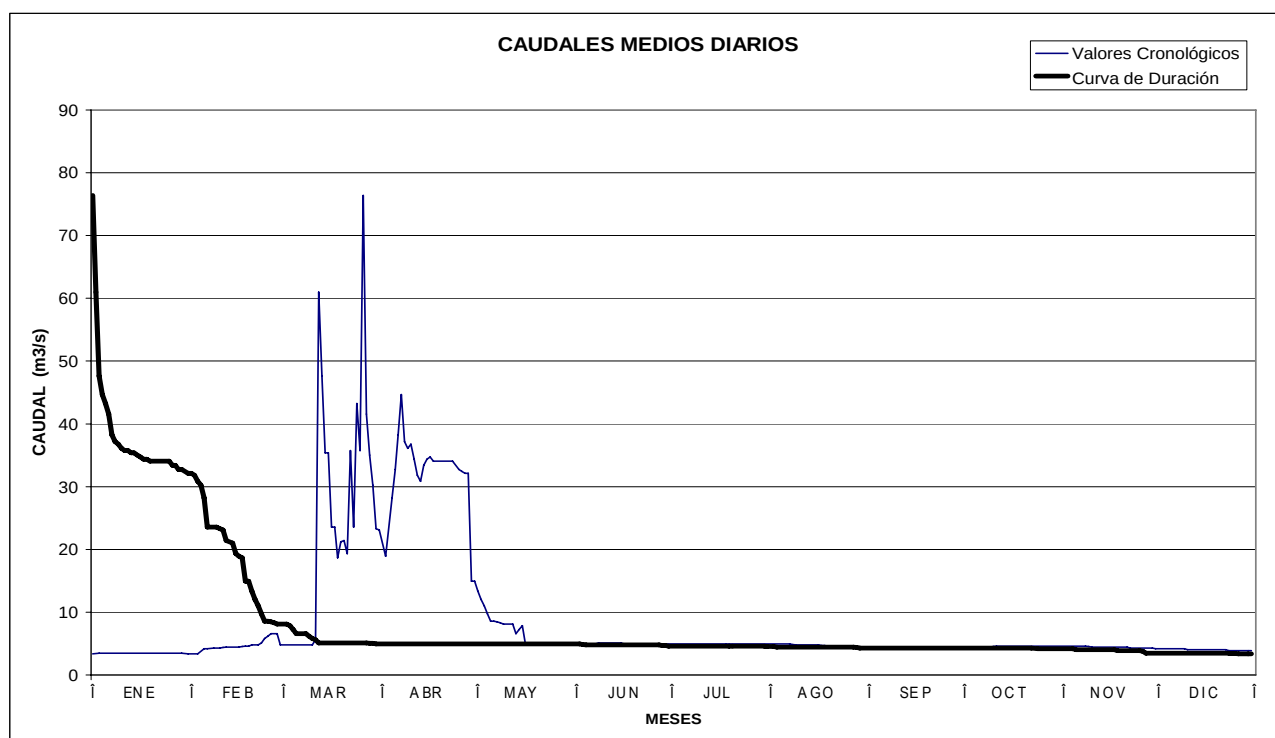
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H574		ARENILLAS EN ARENILLAS										Area Drenaje:520 km ²	
DIA		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		3.378 *	3.378 *	4.795 *	23.100 *	14.942 *	4.958 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.185 *
2		3.441 *	3.378 *	4.795 *	21.008 *	13.368 *	4.958 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.185 *
3		3.504 *	3.378 *	4.795 *	18.916 *	12.078 *	4.958 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.185 *
4		3.504 *	3.781 *	4.795 *	23.602 *	11.025 *	4.958 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.185 *
5		3.504 *	4.185 *	4.795 *	28.203 *	9.761 *	4.958 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.185 *
6		3.504 *	4.185 *	4.795 *	32.774 *	8.604 *	4.958 *	4.958 *	4.958 *	4.332 *	4.483 *	4.637 *	4.185 *
7		3.504 *	4.259 *	4.795 *	38.284 *	8.604 *	4.958 *	4.958 *	4.958 *	4.332 *	4.483 *	4.637 *	4.185 *
8		3.504 *	4.332 *	4.795 *	44.700 *	8.483 *	4.958 *	4.958 *	4.958 *	4.332 *	4.483 *	4.637 *	4.185 *
9		3.504 *	4.332 *	4.795 *	37.171 *	8.362 *	5.124 *	4.958 *	4.877 *	4.332 *	4.483 *	4.637 *	4.185 *
10		3.504 *	4.332 *	4.795 *	36.101 *	8.125 *	5.124 *	4.958 *	4.795 *	4.332 *	4.483 *	4.560 *	4.185 *
11		3.504 *	4.407 *	4.795 *	36.790 *	8.125 *	5.124 *	4.958 *	4.795 *	4.332 *	4.560 *	4.483 *	4.042 *
12		3.504 *	4.483 *	5.646 *	34.405 *	8.125 *	5.124 *	4.958 *	4.795 *	4.332 *	4.637 *	4.483 *	4.042 *
13		3.504 *	4.483 *	61.003 *	31.817 *	8.125 *	5.124 *	4.958 *	4.795 *	4.332 *	4.637 *	4.483 *	4.042 *
14		3.504 *	4.483 *	47.631 *	30.887 *	6.600 *	5.124 *	4.958 *	4.795 *	4.332 *	4.637 *	4.483 *	4.042 *
15		3.504 *	4.483 *	35.412 *	33.416 *	7.247 *	5.124 *	4.958 *	4.795 *	4.332 *	4.637 *	4.483 *	4.042 *
16		3.504 *	4.483 *	35.412 *	34.405 *	7.893 *	5.124 *	4.958 *	4.795 *	4.332 *	4.637 *	4.483 *	4.042 *
17		3.504 *	4.560 *	23.602 *	34.738 *	4.795 *	4.958 *	4.958 *	4.795 *	4.332 *	4.637 *	4.483 *	4.042 *
18		3.504 *	4.637 *	23.602 *	34.072 *	4.795 *	4.958 *	4.958 *	4.716 *	4.332 *	4.637 *	4.483 *	4.042 *
19		3.504 *	4.637 *	18.663 *	34.072 *	4.958 *	4.958 *	4.958 *	4.716 *	4.332 *	4.637 *	4.483 *	4.042 *
20		3.504 *	4.795 *	21.259 *	34.072 *	4.958 *	4.958 *	4.958 *	4.483 *	4.332 *	4.637 *	4.483 *	4.042 *
21		3.504 *	4.795 *	21.401 *	34.072 *	5.041 *	4.958 *	4.958 *	4.483 *	4.332 *	4.637 *	4.483 *	4.042 *
22		3.504 *	4.795 *	19.355 *	34.072 *	5.124 *	4.958 *	4.958 *	4.483 *	4.332 *	4.637 *	4.483 *	4.042 *
23		3.504 *	5.132 *	35.754 *	34.072 *	5.124 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.332 *	4.042 *
24		3.504 *	5.828 *	23.602 *	34.072 *	5.124 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.332 *	3.902 *
25		3.504 *	6.214 *	43.237 *	33.421 *	5.124 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.332 *	3.902 *
26		3.504 *	6.600 *	35.754 *	32.769 *	5.124 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.332 *	3.902 *
27		3.504 *	6.600 *	76.400 *	32.450 *	5.124 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.332 *	3.902 *
28		3.504 *	6.600 *	41.547 *	32.131 *	5.124 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.332 *	3.902 *
29		3.504 *		35.075 *	32.131 *	5.041 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.332 *	3.902 *
30		3.441 *		30.289 *	14.942 *	4.958 *	4.958 *	4.958 *	4.332 *	4.332 *	4.637 *	4.332 *	3.902 *
31		3.378 *		23.351 *		4.958 *		4.958 *	4.332 *		4.637 *		3.902 *
Caudal Max.		3.504 *	6.600 *	82.905 *	46.709 *	14.942 *	5.124 *	4.958 *	4.958 *	4.332 *	4.637 *	4.637 *	4.185 *
Día		vv	vv	27	8	1	vv	vv	vv	vv	vv	vv	vv
Hora				7	7	7							
Caudal Min.		3.378 *	3.378 *	4.795 *	14.942 *	4.795 *	4.958 *	4.958 *	4.332 *	4.332 *	4.332 *	4.332 *	3.902 *
Día		vv	vv	vv	30	vv	vv	vv	vv	vv	vv	vv	vv
Hora					17								
Caudal Medio		3.492	4.698	22.927	31.889	7.253	5.002	4.958	4.670	4.332	4.561	4.491	4.052

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



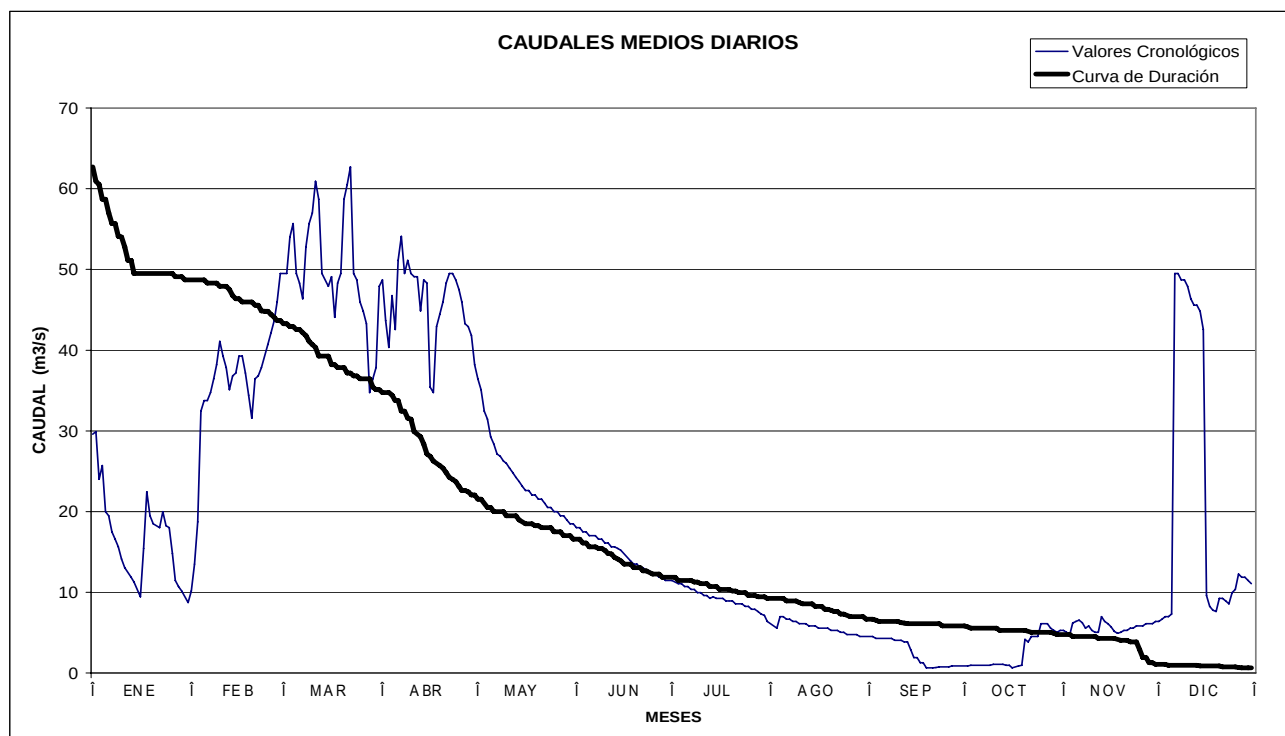
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H587		PINDO AJ AMARILLO										Area Drenaje:543 km2	
DIA		ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1		29.588 *	10.179 *	49.505 *	47.916 *	38.201 *	18.483 *	11.471 *	6.409 *	4.547 *	0.874 *	5.306 *	6.409 *
2		29.919 *	13.486 *	49.505 *	48.706 *	36.460 *	17.996 *	11.471 *	6.124 *	4.547 *	0.874 *	5.306 *	6.409 *
3		24.009 *	18.749 *	49.505 *	43.690 *	35.096 *	17.996 *	11.279 *	5.845 *	4.547 *	0.874 *	5.047 *	6.701 *
4		25.694 *	32.452 *	54.017 *	40.348 *	32.452 *	17.515 *	11.088 *	5.572 *	4.307 *	0.984 *	4.794 *	6.999 *
5		19.983 *	33.764 *	55.706 *	46.744 *	31.478 *	17.515 *	11.088 *	6.999 *	4.307 *	0.984 *	6.205 *	6.999 *
6		19.489 *	33.758 *	49.505 *	42.550 *	29.279 *	17.041 *	10.711 *	6.999 *	4.307 *	0.984 *	6.412 *	7.304 *
7		17.515 *	34.758 *	48.309 *	51.136 *	28.360 *	17.041 *	10.711 *	6.701 *	4.307 *	0.984 *	6.555 *	49.505 *
8		16.574 *	36.460 *	46.351 *	54.114 *	27.159 *	17.041 *	10.341 *	6.701 *	4.307 *	0.984 *	6.266 *	49.505 *
9		15.658 *	38.201 *	52.818 *	49.505 *	26.863 *	16.574 *	10.341 *	6.409 *	4.307 *	0.984 *	5.572 *	48.706 *
10		14.139 *	41.076 *	55.713 *	51.136 *	26.275 *	16.574 *	9.978 *	6.409 *	4.074 *	0.984 *	5.845 *	48.706 *
11		13.068 *	39.266 *	56.993 *	49.505 *	25.983 *	16.113 *	9.978 *	6.124 *	4.074 *	1.101 *	5.306 *	47.916 *
12		12.457 *	37.850 *	60.936 *	49.105 *	25.405 *	16.113 *	9.621 *	6.124 *	4.074 *	1.101 *	5.047 *	46.347 *
13		11.860 *	35.096 *	58.727 *	49.105 *	24.834 *	15.658 *	9.621 *	6.124 *	3.847 *	1.101 *	5.047 *	45.574 *
14		11.279 *	36.808 *	49.505 *	44.860 *	24.269 *	15.658 *	9.270 *	5.845 *	3.847 *	1.101 *	7.003 *	45.574 *
15		10.345 *	37.159 *	48.706 *	48.706 *	23.710 *	15.434 *	9.446 *	5.845 *	2.891 *	0.984 *	6.409 *	44.808 *
16		9.446 *	39.273 *	47.913 *	48.309 *	23.158 *	15.210 *	9.270 *	5.845 *	1.936 *	0.984 *	6.124 *	42.547 *
17		15.434 *	39.273 *	49.105 *	35.434 *	22.613 *	14.769 *	9.270 *	5.572 *	1.936 *	0.674 *	5.708 *	9.624 *
18		22.441 *	37.159 *	44.077 *	34.758 *	22.613 *	14.334 *	9.270 *	5.572 *	1.305 *	0.771 *	5.183 *	8.258 *
19		19.476 *	34.430 *	48.309 *	42.921 *	22.074 *	13.905 *	8.927 *	5.572 *	1.305 *	0.874 *	4.920 *	7.775 *
20		18.483 *	31.559 *	49.505 *	44.428 *	22.074 *	13.483 *	8.927 *	5.572 *	0.674 *	0.984 *	5.047 *	7.619 *
21		18.246 *	36.480 *	58.727 *	45.961 *	21.541 *	13.483 *	8.927 *	5.306 *	0.674 *	4.191 *	5.306 *	9.270 *
22		17.996 *	36.808 *	60.498 *	48.309 *	21.541 *	13.068 *	8.589 *	5.306 *	0.674 *	3.847 *	5.306 *	9.270 *
23		19.983 *	37.850 *	62.723 *	49.505 *	21.015 *	13.068 *	8.589 *	5.306 *	0.723 *	4.547 *	5.572 *	8.927 *
24		18.239 *	39.266 *	49.505 *	49.505 *	20.496 *	12.659 *	8.589 *	5.047 *	0.771 *	4.547 *	5.572 *	8.589 *
25		17.999 *	40.709 *	48.706 *	48.706 *	20.496 *	12.659 *	8.258 *	5.047 *	0.771 *	4.547 *	5.845 *	9.978 *
26		14.782 *	42.177 *	45.961 *	47.520 *	19.983 *	12.256 *	8.258 *	4.794 *	0.771 *	6.124 *	5.845 *	10.341 *
27		11.471 *	43.671 *	44.808 *	45.961 *	19.983 *	12.256 *	7.934 *	4.794 *	0.771 *	6.124 *	5.845 *	12.256 *
28		10.711 *	45.961 *	43.294 *	43.294 *	19.476 *	11.860 *	7.934 *	4.794 *	0.874 *	6.124 *	6.124 *	11.860 *
29		10.160 *		34.758 *	42.921 *	19.476 *	11.860 *	7.616 *	4.794 *	0.874 *	5.572 *	6.124 *	11.860 *
30		9.446 *		36.460 *	41.806 *	18.976 *	11.471 *	7.304 *	4.547 *	0.874 *	5.306 *	6.124 *	11.471 *
31		8.758 *		37.850 *		18.483 *		7.152 *	4.547 *		5.047 *		11.088 *
Caudal Max.		31.478 *	46.347 *	63.175 *	58.724 *	38.201 *	18.482 *	11.471 *	6.999 *	4.547 *	6.123 *	7.616 *	49.505 *
Día		2	28	23	8	1	1				27	5	
Hora		18	18	18	7	7	7				7	7	
Caudal Min.		8.589 *	9.270 *	34.758 *	34.758 *	18.482 *	11.471 *	6.999 *	4.547 *	0.674 *	0.674 *	4.794 *	6.409 *
Día		31	1	29	18	31	30	31			17	18	
Hora		18	7	18	7	18	18	18			18	18	
Caudal Medio		16.601	35.131	49.935	46.215	24.833	14.970	9.394	5.698	2.574	2.425	5.692	21.232

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

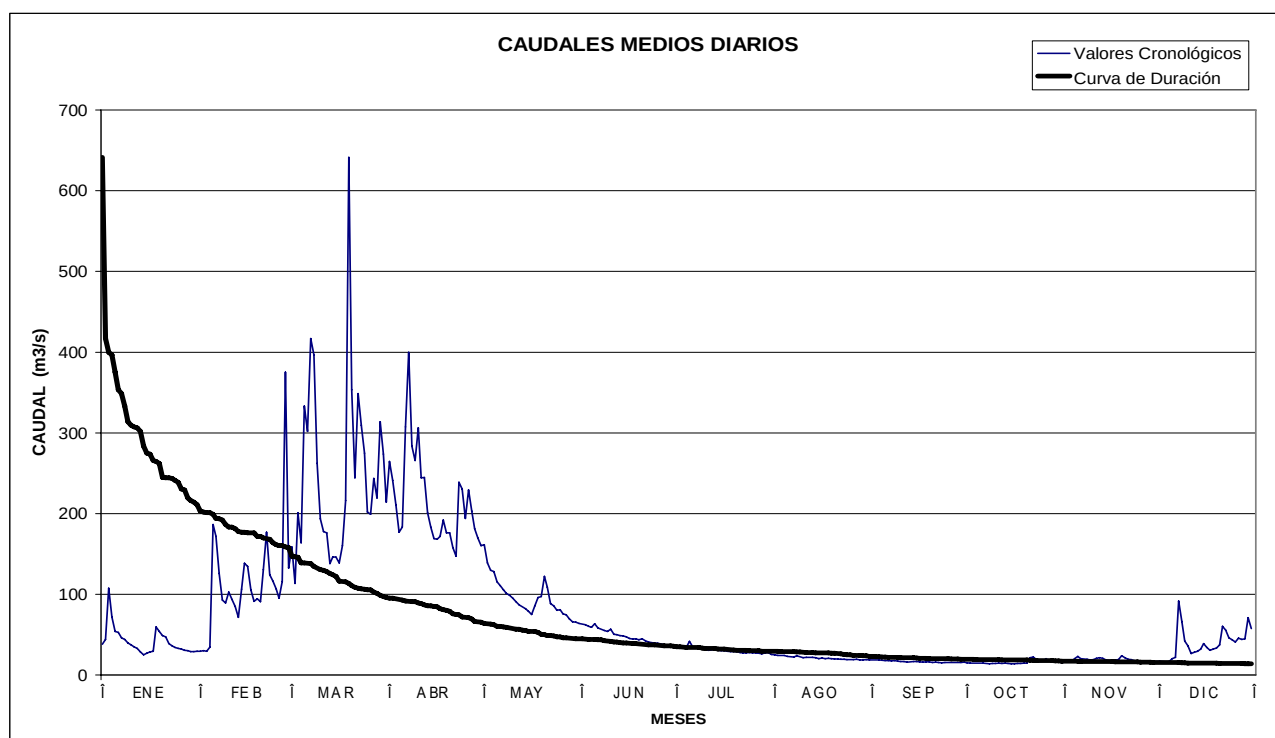


CAUDALES MEDIOS DIARIOS (m³/s)

2002

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	38.264 *	29.496 *	132.498 *	214.289 *	160.426 *	64.027 *	36.585 *	25.643 *	18.712 *	15.849 *	15.082 *	16.637 *
2	44.208 *	30.074 *	158.876 *	264.652 *	161.496 *	63.092 *	36.264 *	25.380 *	18.712 *	15.272 *	16.927 *	17.242 *
3	107.656 *	29.787 *	113.585 *	241.119 *	138.769 *	62.627 *	35.929 *	24.604 *	18.929 *	14.895 *	17.450 *	16.836 *
4	71.762 *	34.701 *	201.067 *	210.970 *	129.771 *	60.341 *	34.325 *	24.604 *	18.712 *	14.895 *	16.436 *	16.436 *
5	54.227 *	186.505 *	163.823 *	176.945 *	128.329 *	58.993 *	34.325 *	24.348 *	18.284 *	14.709 *	20.549 *	16.637 *
6	52.964 *	171.978 *	333.273 *	183.218 *	115.601 *	63.596 *	41.748 *	23.343 *	18.073 *	14.709 *	23.343 *	20.603 *
7	46.187 *	126.091 *	301.998 *	307.330 *	110.891 *	58.549 *	34.962 *	22.851 *	17.862 *	14.895 *	20.279 *	21.738 *
8	44.310 *	92.929 *	416.971 *	399.835 *	105.656 *	56.800 *	34.009 *	22.365 *	17.654 *	14.525 *	19.816 *	91.727 *
9	39.627 *	89.487 *	396.856 *	283.470 *	101.201 *	55.068 *	33.074 *	23.846 *	18.073 *	14.161 *	19.590 *	66.106 *
10	37.251 *	103.003 *	262.411 *	265.773 *	98.722 *	54.219 *	33.074 *	22.851 *	17.242 *	14.525 *	18.929 *	42.196 *
11	34.969 *	93.851 *	193.531 *	306.239 *	95.062 *	56.876 *	31.853 *	21.649 *	17.037 *	14.525 *	19.373 *	36.257 *
12	33.074 *	85.169 *	177.912 *	244.387 *	90.895 *	50.503 *	30.660 *	21.885 *	16.836 *	14.712 *	20.950 *	26.626 *
13	28.767 *	71.332 *	176.263 *	244.834 *	86.849 *	50.097 *	31.253 *	21.885 *	16.237 *	14.525 *	21.656 *	28.360 *
14	25.120 *	106.397 *	138.126 *	201.315 *	84.590 *	48.899 *	31.554 *	21.889 *	16.436 *	14.709 *	20.959 *	29.496 *
15	27.294 *	138.682 *	146.778 *	183.201 *	82.370 *	48.505 *	30.660 *	21.649 *	16.836 *	14.525 *	18.929 *	32.158 *
16	28.641 *	134.356 *	145.893 *	168.976 *	79.108 *	47.332 *	30.074 *	20.717 *	17.037 *	14.345 *	18.287 *	38.945 *
17	29.787 *	105.671 *	138.983 *	168.157 *	75.411 *	45.419 *	30.074 *	21.180 *	16.436 *	14.342 *	18.073 *	34.399 *
18	59.606 *	91.479 *	160.443 *	171.740 *	85.856 *	44.668 *	29.783 *	20.717 *	16.237 *	14.525 *	18.712 *	30.969 *
19	53.863 *	94.527 *	216.220 *	192.171 *	96.213 *	45.046 *	29.208 *	20.950 *	16.436 *	14.525 *	19.159 *	32.169 *
20	48.964 *	91.010 *	641.293 *	176.126 *	97.483 *	43.924 *	29.212 *	20.260 *	16.436 *	14.709 *	24.135 *	33.718 *
21	47.433 *	130.515 *	353.536 *	176.075 *	122.498 *	45.058 *	28.924 *	19.810 *	15.461 *	15.082 *	21.649 *	37.262 *
22	38.945 *	177.100 *	244.424 *	157.927 *	108.854 *	42.461 *	28.080 *	20.033 *	15.846 *	21.494 *	19.587 *	60.469 *
23	36.257 *	124.034 *	348.835 *	147.365 *	88.571 *	41.028 *	27.526 *	19.587 *	15.461 *	22.378 *	19.159 *	55.562 *
24	34.325 *	116.411 *	309.564 *	238.971 *	85.724 *	40.324 *	27.526 *	19.587 *	15.272 *	19.146 *	18.079 *	46.187 *
25	33.074 *	106.950 *	274.829 *	230.635 *	80.186 *	39.973 *	28.080 *	19.146 *	15.654 *	17.040 *	17.037 *	43.924 *
26	32.460 *	95.062 *	202.041 *	194.326 *	81.282 *	39.280 *	27.803 *	19.366 *	15.461 *	17.450 *	17.450 *	41.028 *
27	30.660 *	115.754 *	199.148 *	229.330 *	75.939 *	38.595 *	27.526 *	19.373 *	15.464 *	20.267 *	16.436 *	45.941 *
28	30.369 *	375.165 *	243.446 *	203.045 *	74.915 *	37.921 *	27.253 *	19.587 *	15.654 *	17.248 *	16.436 *	44.043 *
29	29.208 *		219.414 *	181.381 *	69.326 *	36.916 *	26.173 *	18.929 *	15.461 *	17.875 *	15.473 *	45.058 *
30	29.212 *		313.668 *	169.835 *	65.922 *	37.251 *	27.526 *	18.929 *	15.654 *	16.637 *	14.584 *	71.064 *
31	29.503 *		274.061 *		65.448 *		28.080 *	19.149 *		17.716 *		57.675 *
Caudal Max.	112.220 *	554.070 *	822.282 *	450.558 *	172.446 *	66.400 *	42.823 *	25.906 *	19.146 *	27.526 *	25.906 *	130.494 *
Día	3	28	20	8	2	6	6	1	3	22	20	8
Hora	18	7	7	7	7	7	7	18	18	17	18	18
Caudal Min.	24.861 *	29.208 *	109.562 *	144.183 *	64.496 *	36.584 *	25.906 *	18.712 *	15.082 *	13.980 *	12.931 *	16.237 *
Día	14	1	1	23	31	30	29	30	27	9	30	5
Hora	18	18	7	18	7	7	7	7	7	7	7	7
Caudal Medio	41.225	112.411	245.154	217.788	98.173	49.246	31.068	21.487	16.787	16.007	18.817	38.628

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



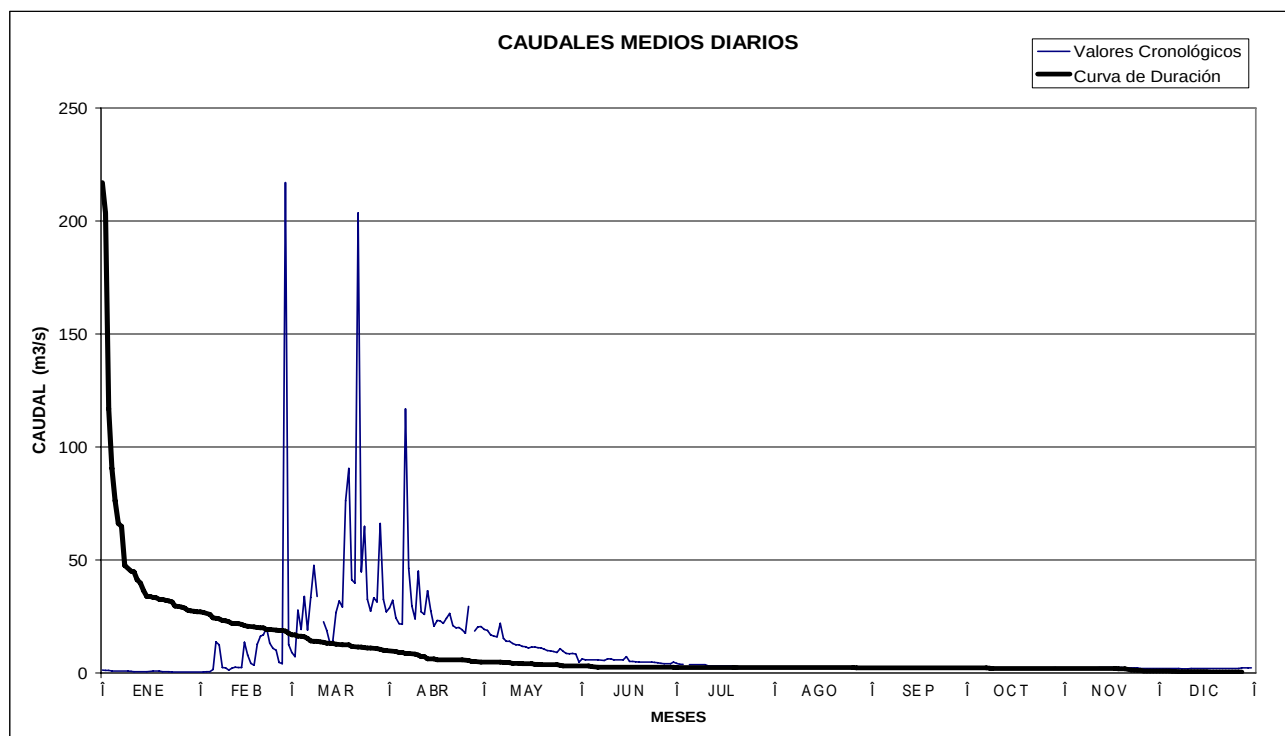
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H616	ALAMOR EN SAUCILLO(DJ CELICA)											Area Drenaje:575 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	1.423 *	0.517 *	12.692 *	27.121 *	20.575 *	4.853 *	4.853 *	2.418	2.600	2.418	2.086	2.086
2	1.214 *	0.565 *	9.228 *	28.812 *	19.375 *	6.281 *	4.385 *	2.418	2.600	2.418	2.086	2.086
3	1.119 *	0.646 *	7.395 *	32.228 *	18.794 *	5.891 *	3.960 *	2.600	2.600	2.418	2.086	2.086
4	0.990 *	0.675 *	27.805 *	24.472 *	16.946 *	5.891 *	3.829 *	2.600	2.600	2.418	2.086	2.086
5	0.949 *	1.543 *	19.375 *	21.819 *	16.409 *	5.891 *		2.600	2.600	2.247	2.086	2.086
6	0.949 *	13.750 *	33.918 *	21.642 *	16.063 *	5.891 *	3.698 *	2.600	2.600	2.247	2.086	2.086
7	0.949 *	12.499 *	18.989 *	116.931 *	22.010 *	5.891 *	3.698 *	2.600	2.600	2.247	2.086	2.086
8	0.873 *	2.509 *	33.469 *	46.348 *	15.382 *	5.707 *	3.698 *	2.600	2.600	2.247	2.247	2.086
9	0.873 *	2.333 *	47.668 *	29.618 *	14.033 *	5.522 *	3.698 *	2.418	2.418	2.247	2.247	1.936
10	0.769 *	1.369 *	33.918 *	24.009 *	14.033 *	6.281 *	3.698 *	2.418	2.418	2.247	2.247	1.936
11	0.736 *	2.197 *		45.102 *	13.059 *	6.281 *	3.698 *	2.418	2.418	2.247	2.247	1.936
12	0.736 *	2.623 *	22.677 *	27.121 *	12.499 *	5.891 *	3.219 *	2.418	2.418	2.247	2.247	2.086
13	0.675 *	2.509 *	18.793 *	25.930 *	12.499 *	5.891 *	3.219 *	2.418	2.418	2.247	2.418	2.086
14	0.675 *	2.418 *	13.248 *	36.527 *	11.782 *	5.891 *	3.219 *	2.559	2.418	2.247	2.418	2.086
15	0.675 *	13.634 *	14.147 *	27.590 *	11.609 *	5.891 *	3.110 *	2.418	2.418	2.247	2.418	2.086
16	0.769 *	8.084 *	26.818 *	20.669 *	11.096 *	7.267 *	3.219 *	2.418	2.418	2.247	2.418	2.086
17	0.949 *	4.271 *	31.977 *	23.342 *	11.435 *	5.173 *	3.219 *	2.418	2.418	2.247	2.418	2.086
18	0.949 *	3.452 *	29.172 *	23.140 *	11.435 *	5.173 *	3.219 *	2.418	2.418	2.086	2.418	2.086
19	0.873 *	12.870 *	76.227 *	22.032 *	11.266 *	5.008 *	3.219 *	2.418	2.418	2.086	2.418	2.086
20	0.706 *	16.409 *	90.591 *	24.234 *	11.096 *	4.844 *	3.110 *	2.418	2.418	2.086	2.418	2.086
21	0.618 *	16.901 *	41.228 *	26.335 *	10.602 *	4.844 *	2.897 *	2.418	2.418	2.247	2.247	2.086
22	0.592 *	20.089 *	39.823 *	20.983 *	9.968 *	4.844 *	2.697 *	2.418	2.247	2.247	2.247	2.086
23	0.517 *	13.248 *	203.555 *	19.974 *	9.813 *	4.844 *	2.600 *	2.418	2.247	2.247	2.247	2.086
24	0.517 *	10.953 *	44.874 *	20.179 *	9.510 *	4.844 *	2.600 *	2.418	2.247	2.247	2.247	2.086
25	0.517 *	10.123 *	64.945 *	19.180 *	9.214 *	4.688 *	2.600 *	2.418	2.418	2.247	2.247	2.086
26	0.517 *	4.688 *	32.576 *	17.667 *	10.764 *	4.532 *	2.600 *	2.600	2.418	2.247	2.086	2.086
27	0.565 *	4.238 *	27.307 *	29.558 *	9.703 *	4.385 *	2.509 *	2.600	2.418	2.247	2.086	2.086
28	0.565 *	216.947 *	33.382 *		8.642 *	4.238 *	2.418 *	2.600	2.418	2.247	2.086	2.247
29	0.565 *		31.434 *	18.602 *	8.504 *	4.238 *	2.418 *	2.600	2.247	2.247	2.086	2.247
30	0.565 *		66.112 *	20.403 *	8.642 *	4.238 *	2.418 *	2.600	2.247	2.418	2.086	2.247
31	0.517 *		32.639 *		8.367 *		2.418 *	2.600		2.086		2.247
Caudal Max.	1.423 *	216.947 *			28.303 *	8.642 *		2.600	2.600	2.418	2.418	2.247
Día	1	28			7	16						
Hora	7	7			17	17		vv	vv	vv	vv	vv
Caudal Min.	0.517 *	0.517 *			8.367 *	4.238 *		2.418	2.247	2.086	2.086	1.936
Día	vv	1			31	vv		vv	vv	vv	vv	vv
Hora		18			7							
Caudal Medio	0.771	14.359	39.533	29.020	12.746	5.370	3.205	2.493	2.438	2.254	2.228	2.093

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



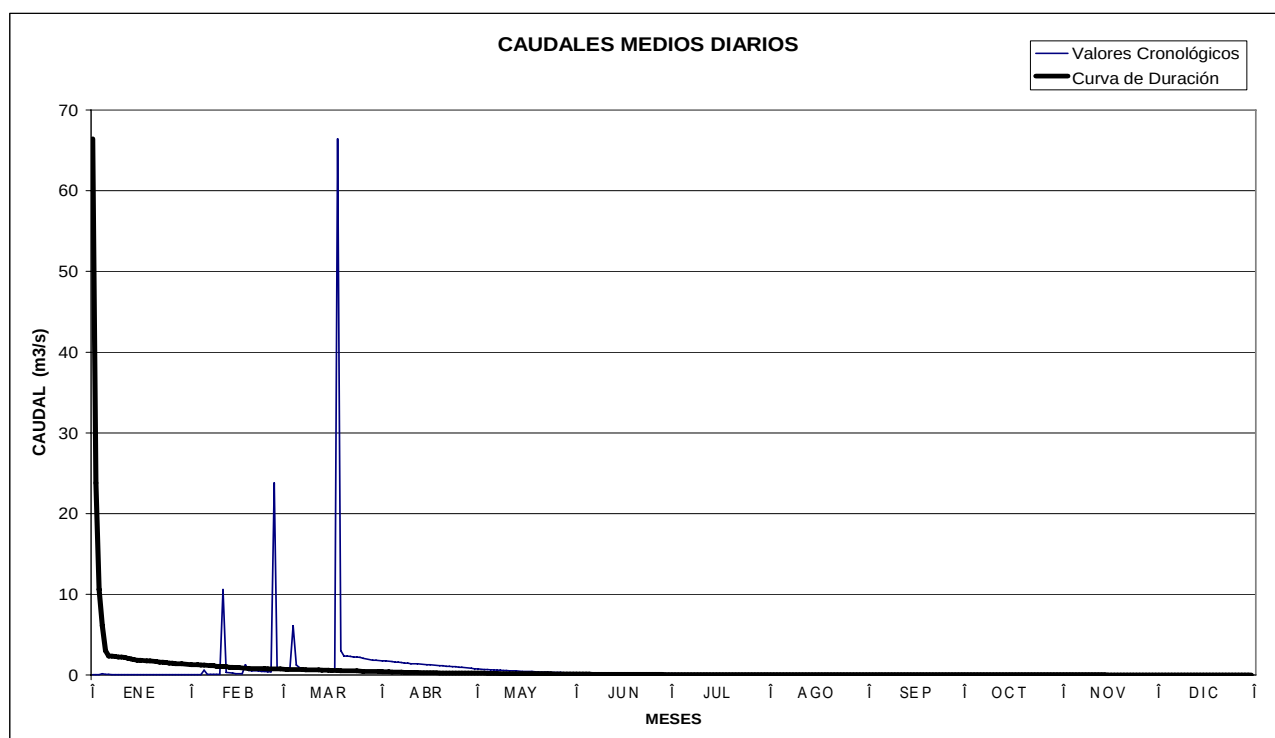
CAUDALES MEDIOS DIARIOS (m³/s)

2002

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 *	1.802 *	0.755 *	0.285 *	0.174 *	0.085 *	0.058 *	0.049 *	0.036 *	0.028 *	
2	0.073 *	0.058 *	0.803 *	1.756 *	0.755 *	0.285 *	0.174 *	0.081 *	0.058 *	0.046 *	0.036 *	0.028 *	
3	0.073 *	0.058 *	0.803 *	1.756 *	0.732 *	0.275 *	0.167 *	0.081 *	0.058 *	0.046 *	0.036 *	0.028 *	
4	0.179 *	0.055 *	0.803 *	1.712 *	0.709 *	0.264 *	0.159 *	0.081 *	0.058 *	0.046 *	0.036 *	0.028 *	
5	0.090 *	0.609 *	6.119 *	1.668 *	0.688 *	0.264 *	0.152 *	0.081 *	0.058 *	0.046 *	0.036 *	0.028 *	
6	0.090 *	0.110 *	1.252 *	1.626 *	0.666 *	0.264 *	0.145 *	0.081 *	0.058 *	0.046 *	0.036 *	0.028 *	
7	0.085 *	0.110 *	0.942 *	1.584 *	0.645 *	0.264 *	0.145 *	0.081 *	0.058 *	0.046 *	0.036 *	0.060 *	
8	0.081 *	0.104 *	0.803 *	1.543 *	0.624 *	0.264 *	0.139 *	0.073 *	0.058 *	0.046 *	0.036 *	0.046 *	
9	0.081 *	0.099 *	0.779 *	1.502 *	0.604 *	0.264 *	0.133 *	0.073 *	0.058 *	0.044 *	0.036 *	0.046 *	
10	0.081 *	0.099 *	0.755 *	1.463 *	0.585 *	0.254 *	0.133 *	0.073 *	0.058 *	0.041 *	0.036 *	0.046 *	
11	0.081 *	10.612 *	0.755 *	1.424 *	0.566 *	0.244 *	0.127 *	0.073 *	0.058 *	0.041 *	0.036 *	0.046 *	
12	0.077 *	0.350 *	0.709 *	1.424 *	0.547 *	0.244 *	0.121 *	0.073 *	0.058 *	0.041 *	0.036 *	0.046 *	
13	0.073 *	0.285 *	0.709 *	1.387 *	0.529 *	0.244 *	0.121 *	0.073 *	0.058 *	0.041 *	0.034 *	0.044 *	
14	0.073 *	0.255 *	0.709 *	1.350 *	0.511 *	0.244 *	0.121 *	0.073 *	0.058 *	0.041 *	0.032 *	0.041 *	
15	0.073 *	0.207 *	0.688 *	1.314 *	0.494 *	0.244 *	0.115 *	0.073 *	0.055 *	0.041 *	0.032 *	0.041 *	
16	0.073 *	0.190 *	0.666 *	1.278 *	0.477 *	0.234 *	0.110 *	0.073 *	0.052 *	0.041 *	0.032 *	0.041 *	
17	0.073 *	0.190 *	0.666 *	1.278 *	0.461 *	0.224 *	0.110 *	0.073 *	0.052 *	0.041 *	0.032 *	0.041 *	
18	0.073 *	1.275 *	0.666 *	1.243 *	0.445 *	0.224 *	0.110 *	0.069 *	0.052 *	0.041 *	0.032 *	0.041 *	
19	0.069 *	0.566 *	66.426 *	1.209 *	0.430 *	0.215 *	0.110 *	0.065 *	0.052 *	0.041 *	0.032 *	0.041 *	
20	0.065 *	0.547 *	3.035 *	1.176 *	0.415 *	0.215 *	0.104 *	0.065 *	0.052 *	0.041 *	0.032 *	0.041 *	
21	0.065 *	0.547 *	2.361 *	1.143 *	0.400 *	0.207 *	0.104 *	0.065 *	0.052 *	0.041 *	0.032 *	0.041 *	
22	0.065 *	0.511 *	2.361 *	1.112 *	0.386 *	0.207 *	0.099 *	0.065 *	0.052 *	0.036 *	0.032 *	0.057 *	
23	0.065 *	0.477 *	2.306 *	1.080 *	0.372 *	0.207 *	0.099 *	0.065 *	0.052 *	0.036 *	0.032 *	0.058 *	
24	0.065 *	0.477 *	2.250 *	1.050 *	0.359 *	0.198 *	0.095 *	0.065 *	0.052 *	0.036 *	0.030 *	0.058 *	
25	0.065 *	0.415 *	2.250 *	1.020 *	0.346 *	0.190 *	0.095 *	0.065 *	0.052 *	0.036 *	0.028 *	0.058 *	
26	0.065 *	0.415 *	2.197 *	0.991 *	0.333 *	0.190 *	0.090 *	0.065 *	0.052 *	0.036 *	0.028 *	0.058 *	
27	0.065 *	23.804 *	2.093 *	0.962 *	0.321 *	0.190 *	0.090 *	0.065 *	0.052 *	0.036 *	0.028 *	0.058 *	
28	0.062 *	0.803 *	1.992 *	0.934 *	0.308 *	0.190 *	0.090 *	0.065 *	0.052 *	0.036 *	0.028 *	0.055 *	
29	0.058 *		1.943 *	0.880 *	0.297 *	0.182 *	0.090 *	0.065 *	0.052 *	0.036 *	0.028 *	0.052 *	
30	0.058 *		1.848 *	0.828 *	0.285 *	0.174 *	0.090 *	0.065 *	0.052 *	0.036 *	0.028 *	0.052 *	
31	0.058 *		1.848 *		0.285 *		0.090 *	0.062 *		0.036 *		0.052 *	
Caudal Max.	0.285 *	46.184 *	132.186 *	1.847 *	0.755 *	0.285 *	0.174 *	0.090 *	0.058 *	0.052 *	0.036 *	0.073 *	
Día	4	27	19	1	vv	vv	vv	1	vv	1	vv	22	
Hora	18	18	18	6				6		6		18	
Caudal Min.	0.058 *	0.052 *	0.666 *	0.803 *	0.285 *	0.174 *	0.090 *	0.058 *	0.052 *	0.036 *	0.028 *	0.028 *	
Día	vv	4	vv	30	vv	29	vv	31	vv	vv	vv	vv	
Hora		18		18		18		18					
Caudal Medio	0.075	1.546	3.624	1.316	0.494	0.232	0.119	0.071	0.055	0.041	0.033	0.045	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



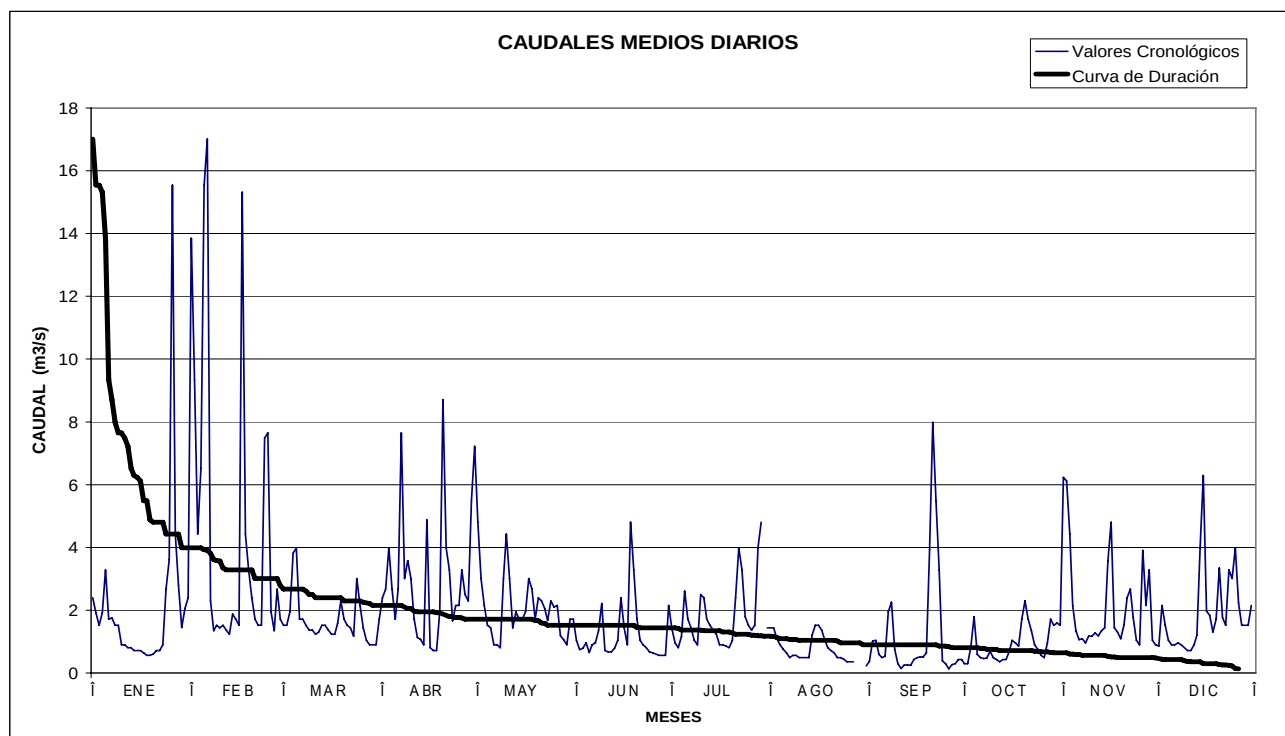
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H627	UCHIMA AJ CHAMBA											Area Drenaje:48 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	2.398 *	13.851 *	1.719 *	1.719 *	7.219 *	1.719 *	2.159 *	1.447 *	0.232 *	0.429 *	1.518 *	0.905 *
2	1.920 *	9.348 *	1.518 *	2.398 *	4.805 *	1.044 *	1.426 *	1.447 *	0.375 *	0.303 *	6.233 *	0.857 *
3	1.518 *	4.427 *	1.518 *	2.679 *	3.006 *	0.745 *	0.957 *	1.447 *	1.028 *	0.303 *	6.124 *	2.159 *
4	1.920 *	6.513 *	1.958 *	3.992 *	2.159 *	0.793 *	0.809 *	1.096 *	1.044 *	0.841 *	4.427 *	1.518 *
5	3.286 *	15.546 *	3.819 *	2.679 *	1.518 *	0.962 *	1.164 *	0.905 *	0.590 *	1.795 *	2.159 *	1.044 *
6	1.719 *	17.013 *	3.992 *	1.719 *	1.447 *	0.660 *	2.619 *	0.765 *	0.500 *	0.590 *	1.350 *	0.905 *
7	1.752 *	2.298 *	1.719 *	2.679 *	0.905 *	0.905 *	1.719 *	0.641 *	0.533 *	0.500 *	1.066 *	0.905 *
8	1.518 *	1.350 *	1.719 *	7.654 *	0.905 *	0.957 *	1.447 *	0.500 *	1.958 *	0.462 *	1.094 *	0.957 *
9	1.518 *	1.518 *	1.518 *	3.006 *	0.809 *	1.350 *	1.044 *	0.567 *	2.261 *	0.484 *	0.957 *	0.905 *
10	0.905 *	1.447 *	1.376 *	3.580 *	3.006 *	2.211 *	0.905 *	0.567 *	0.754 *	0.701 *	1.182 *	0.809 *
11	0.905 *	1.518 *	1.376 *	3.006 *	4.427 *	0.721 *	2.505 *	0.500 *	0.303 *	0.500 *	1.182 *	0.721 *
12	0.809 *	1.376 *	1.244 *	1.719 *	3.006 *	0.680 *	2.398 *	0.500 *	0.153 *	0.429 *	1.279 *	0.721 *
13	0.809 *	1.244 *	1.310 *	1.141 *	1.447 *	0.680 *	1.719 *	0.500 *	0.258 *	0.358 *	1.183 *	0.905 *
14	0.721 *	1.887 *	1.518 *	1.075 *	1.958 *	0.793 *	1.518 *	0.500 *	0.258 *	0.429 *	1.350 *	1.212 *
15	0.721 *	1.719 *	1.518 *	0.905 *	1.719 *	1.044 *	1.376 *	1.212 *	0.248 *	0.429 *	1.447 *	3.992 *
16	0.721 *	1.518 *	1.376 *	4.878 *	1.719 *	2.398 *	1.244 *	1.518 *	0.429 *	0.703 *	3.570 *	6.301 *
17	0.641 *	15.318 *	1.244 *	0.809 *	1.958 *	1.447 *	0.905 *	1.518 *	0.500 *	1.044 *	4.805 *	1.965 *
18	0.567 *	4.427 *	1.244 *	0.721 *	3.006 *	0.905 *	0.905 *	1.376 *	0.516 *	0.957 *	1.447 *	1.834 *
19	0.567 *	3.286 *	1.582 *	0.721 *	2.679 *	4.805 *	0.857 *	1.044 *	0.516 *	0.857 *	1.310 *	1.314 *
20	0.604 *	2.398 *	2.298 *	1.958 *	1.719 *	3.286 *	0.809 *	0.809 *	0.642 *	1.719 *	1.096 *	1.719 *
21	0.721 *	1.719 *	1.719 *	8.714 *	2.398 *	1.719 *	1.044 *	0.721 *	3.930 *	2.298 *	1.518 *	3.348 *
22	0.721 *	1.518 *	1.518 *	3.992 *	2.298 *	1.044 *	2.398 *	0.641 *	7.986 *	1.719 *	2.398 *	1.764 *
23	0.905 *	1.518 *	1.447 *	3.286 *	2.059 *	0.905 *	3.992 *	0.500 *	5.487 *	1.350 *	2.679 *	1.518 *
24	2.679 *	7.487 *	1.182 *	1.670 *	1.676 *	0.809 *	3.286 *	0.500 *	3.286 *	0.905 *	1.764 *	3.286 *
25	3.614 *	7.654 *	3.006 *	2.159 *	2.298 *	0.681 *	1.795 *	0.439 *	0.394 *	0.765 *	1.044 *	3.006 *
26	15.546 *	1.958 *	2.159 *	2.159 *	2.104 *	0.641 *	1.518 *	0.358 *	0.303 *	0.570 *	0.905 *	3.992 *
27	4.427 *	1.350 *	1.447 *	3.286 *	2.159 *	0.604 *	1.376 *	0.358 *	0.136 *	0.500 *	3.913 *	2.239 *
28	2.786 *	2.679 *	1.044 *	2.505 *	1.183 *	0.567 *	1.518 *	0.358 *	0.269 *	0.957 *	2.159 *	1.518 *
29	1.449 *		0.905 *	2.298 *	1.066 *	0.567 *	3.992 *		0.303 *	1.719 *	3.286 *	1.518 *
30	2.059 *		0.905 *	5.487 *	0.905 *	0.567 *	4.805 *		0.429 *	1.518 *	1.044 *	1.518 *
31	2.398 *		0.905 *		1.719 *					1.594 *		2.159 *
Caudal Max.	17.636 *	20.569 *	5.240 *	10.067 *	10.067 *	5.240 *			8.368 *	2.398 *	10.067 *	7.361 *
Día	26	17	5	8	1	19			22	21	2	16
Hora	15	7	17	7	17	7			18	8	18	18
Caudal Min.	0.500 *	1.182 *	0.905 *	0.500 *	0.809 *	0.567 *			0.106 *	0.248 *	0.905 *	0.721 *
Día	29	8	vv	24	9	vv			1	2	26	vv
Hora	15	7		16	7				18	18	7	
Caudal Medio	2.027	4.782	1.671	2.820	2.235	1.207	1.807	0.812	1.187	0.894	2.183	1.855

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



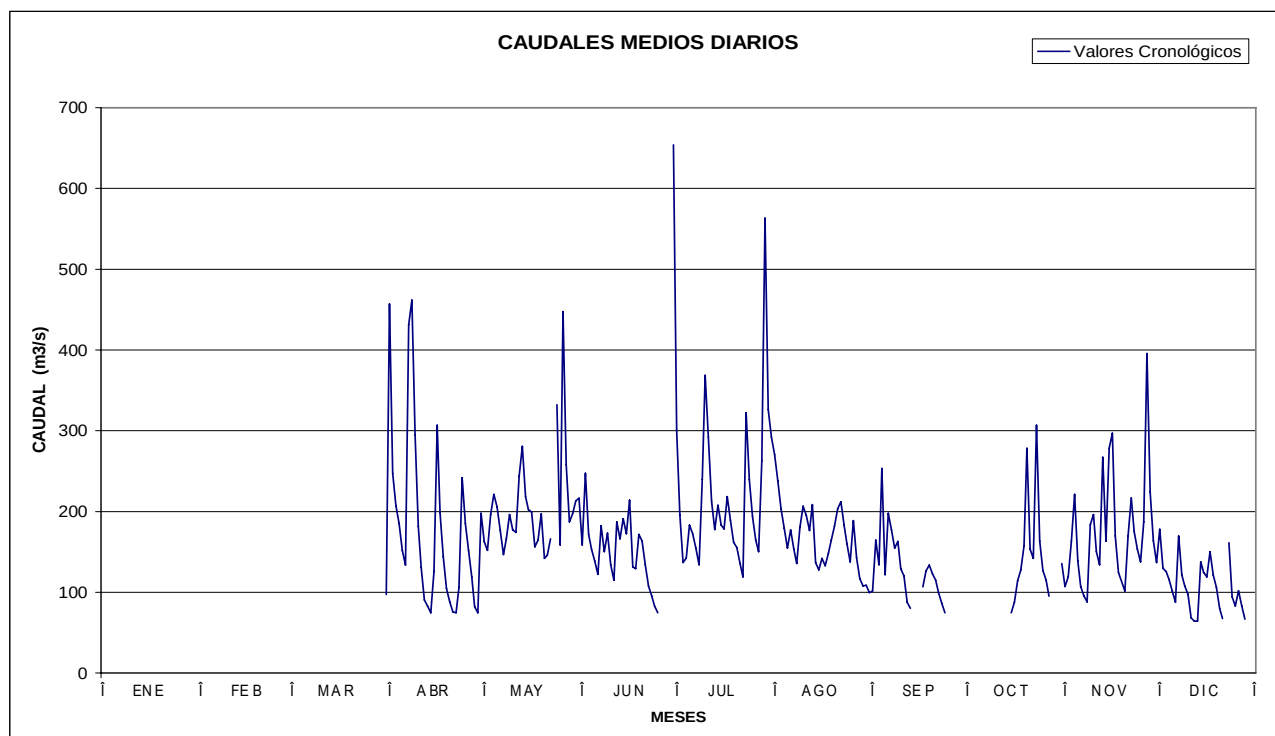
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H719	QUIJOS DJ OYACACHI											Area Drenaje:2500 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1				97.277 *	197.887 *	216.708 *	653.957 *	292.143 *	99.390 *		135.485 *	137.040 *
2				456.793 *	162.542 *	158.939 *	300.409 *	270.613 *	101.658 *		107.400 *	178.053 *
3				247.516 *	151.948 *	247.516 *	195.990 *	237.647 *	164.654 *		118.770 *	129.926 *
4				207.607 *	196.360 *	171.752 *	137.040 *	203.453 *	133.955 *		163.459 *	126.079 *
5				185.366 *	221.226 *	153.736 *	142.497 *	179.339 *	253.511 *		221.398 *	115.784 *
6				152.053 *	205.753 *	138.619 *	183.329 *	154.917 *	121.855 *		139.001 *	101.373 *
7				133.798 *	176.546 *	122.337 *	172.669 *	177.359 *	197.983 *		107.400 *	87.674 *
8				431.083 *	146.902 *	182.573 *	154.586 *	153.736 *	177.533 *		95.579 *	169.511 *
9				461.840 *	166.253 *	150.397 *	133.955 *	135.611 *	154.792 *		88.224 *	121.612 *
10				294.618 *	196.288 *	173.593 *	239.434 *	180.326 *	162.946 *		183.604 *	108.067 *
11				181.655 *	177.470 *	133.955 *	368.921 *	206.549 *	129.114 *		196.360 *	97.775 *
12				130.969 *	174.007 *	115.053 *	292.143 *	195.129 *	120.179 *		150.397 *	68.463 *
13				90.698 *	243.891 *	187.263 *	213.011 *	176.546 *	87.836 *		133.955 *	64.501 *
14				82.977 *	280.901 *	166.253 *	177.609 *	208.693 *	80.247 *		267.220 *	64.501 *
15				74.656 *	218.444 *	191.140 *	207.790 *	137.040 *			163.459 *	137.826 *
16				126.055 *	202.387 *	172.669 *	183.217 *	127.584 *		74.656 *	278.215 *	124.598 *
17				306.759 *	199.580 *	213.976 *	178.527 *	141.855 *		87.674 *	296.983 *	118.770 *
18				197.887 *	156.374 *	131.456 *	218.414 *	133.011 *	106.681 *	114.327 *	169.511 *	150.397 *
19				144.027 *	164.384 *	129.214 *	189.187 *	148.636 *	126.671 *	127.584 *	124.549 *	121.612 *
20				104.792 *	197.167 *	171.752 *	161.698 *	164.384 *	133.798 *	157.711 *	112.895 *	106.085 *
21				88.834 *	141.855 *	163.459 *	155.523 *	182.223 *	123.068 *	278.378 *	101.373 *	80.247 *
22				75.733 *	146.044 *	133.955 *	135.485 *	203.453 *	115.053 *	153.584 *	169.626 *	67.487 *
23				74.656 *	166.253 *	108.067 *	118.770 *	211.952 *	99.436 *	141.855 *	216.825 *	
24				105.946 *		95.579 *	322.386 *	183.217 *	86.535 *	306.759 *	175.518 *	161.611 *
25				241.926 *	332.469 *	82.977 *	239.434 *	159.964 *	74.656 *	163.459 *	153.736 *	94.354 *
26				185.366 *	158.939 *	74.656 *	193.349 *	137.826 *		126.940 *	137.826 *	82.977 *
27				152.053 *	447.481 *		164.384 *	188.677 *		115.053 *	187.263 *	102.045 *
28				118.770 *	258.058 *		150.234 *	142.873 *		95.243 *	395.468 *	83.603 *
29				82.421 *	187.086 *		262.720 *	117.169 *			224.004 *	66.977 *
30				74.656 *	197.167 *		563.233 *	108.067 *			163.796 *	
31					213.380 *		326.510 *	108.809 *				
Caudal Max.				604.831 *			745.719 *	318.849 *			411.866 *	
Día				9			1	1			28	
Hora				17			17	6			17	
Caudal Min.				74.656 *			111.486 *	103.315 *			85.838 *	
Día				vv			23	31			9	
Hora							17	17			17	
Caudal Medio				176.959	202.835	153.369	230.207	173.187	129.616		172.643	109.605

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

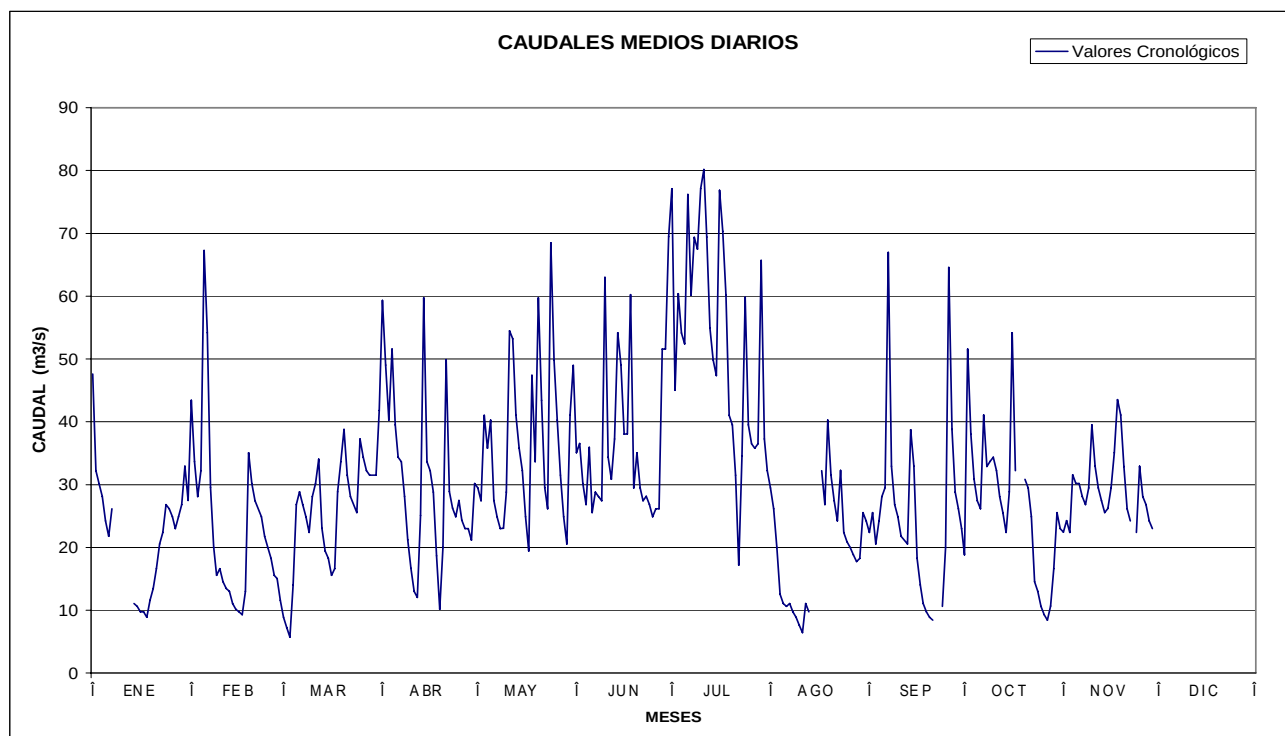


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H720	MISAHUALLI EN COTUNDO											Area Drenaje:116 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	47.583 *	43.409 *	11.576 *	41.815 *	30.148 *	49.003 *	69.496 *	32.213 *	24.243 *	23.001 *	23.001 *	
2	32.213 *	33.626 *	8.873 *	59.294 *	29.459 *	35.062 *	77.076 *	29.459 *	22.386 *	18.853 *	22.437 *	
3	30.136 *	28.118 *	7.237 *	49.025 *	27.454 *	36.544 *	44.992 *	26.162 *	25.510 *	51.540 *	24.268 *	
4	28.118 *	32.213 *	5.734 *	40.277 *	41.035 *	30.148 *	60.417 *	20.018 *	20.593 *	38.025 *	22.399 *	
5	24.243 *	67.257 *	14.011 *	51.540 *	35.797 *	26.802 *	54.107 *	12.532 *	24.243 *	30.824 *	31.560 *	
6	21.784 *	54.170 *	26.802 *	39.530 *	40.277 *	35.970 *	52.364 *	11.098 *	28.118 *	27.454 *	30.148 *	
7	26.149 *	29.532 *	28.831 *	34.338 *	27.466 *	25.510 *	76.177 *	10.635 *	29.483 *	26.149 *	30.184 *	
8		20.018 *	26.802 *	33.626 *	24.870 *	28.795 *	60.171 *	11.098 *	66.955 *	41.057 *	28.118 *	
9		15.560 *	24.870 *	28.143 *	23.001 *	28.118 *	69.347 *	9.738 *	32.925 *	32.914 *	26.802 *	
10		16.644 *	22.386 *	21.195 *	23.026 *	27.454 *	67.472 *	8.873 *	26.802 *	33.696 *	29.459 *	
11		14.518 *	28.118 *	16.685 *	28.795 *	62.985 *	77.076 *	7.638 *	24.882 *	34.338 *	39.530 *	
12		13.503 *	30.184 *	13.011 *	54.486 *	34.338 *	80.123 *	6.469 *	21.784 *	32.213 *	32.925 *	
13		13.011 *	34.068 *	12.069 *	53.198 *	30.824 *	69.377 *	11.098 *	21.182 *	28.118 *	29.459 *	
14	11.098 *	29.532 *	23.026 *	25.070 *	41.035 *	37.267 *	54.910 *	9.738 *	20.593 *	25.510 *	27.454 *	
15	10.635 *	10.187 *	19.429 *	59.706 *	35.797 *	54.170 *	49.827 *		38.756 *	22.386 *	25.510 *	
16	9.738 *	9.738 *	18.291 *	33.649 *	32.213 *	49.025 *	47.366 *		32.925 *	28.831 *	26.199 *	
17	9.738 *	9.306 *	15.560 *	32.213 *	24.882 *	38.025 *	76.868 *		18.291 *	54.170 *	29.483 *	
18	8.873 *	13.011 *	16.644 *	28.795 *	19.429 *	38.071 *	70.305 *	32.213 *	14.011 *	32.213 *	35.062 *	
19	11.576 *	35.062 *	28.831 *	18.694 *	47.431 *	60.253 *	60.171 *	26.802 *	11.098 *		43.542 *	
20	13.503 *	30.148 *	33.626 *	10.187 *	33.649 *	29.459 *	41.035 *	40.277 *	9.738 *		41.057 *	
21	16.644 *	27.454 *	38.795 *	20.005 *	59.747 *	35.062 *	39.507 *	31.525 *	8.873 *	30.824 *	32.914 *	
22	20.593 *	26.149 *	31.513 *	49.924 *	43.409 *	29.459 *	31.513 *	27.454 *	8.456 *	29.459 *	26.149 *	
23	22.386 *	24.882 *	28.118 *	28.892 *	29.483 *	27.454 *	17.180 *	24.243 *		24.882 *	24.243 *	
24	26.826 *	21.784 *	26.802 *	26.261 *	26.149 *	28.143 *	34.524 *	32.284 *		14.518 *		
25	26.149 *	20.005 *	25.510 *	24.882 *	68.519 *	26.802 *	59.850 *	22.399 *	10.635 *	13.011 *	22.399 *	
26	24.870 *	18.291 *	37.267 *	27.466 *	49.838 *	24.870 *	39.507 *	20.886 *	20.018 *	10.635 *	32.925 *	
27	23.001 *	15.560 *	34.338 *	24.318 *	40.277 *	26.149 *	36.521 *	20.005 *	64.574 *	9.306 *	28.118 *	
28	24.870 *	15.039 *	32.213 *	23.001 *	31.525 *	26.149 *	35.797 *	18.853 *	38.795 *	8.456 *	26.802 *	
29	26.802 *		31.525 *	23.001 *	24.882 *	51.593 *	36.521 *	17.728 *	28.795 *	10.650 *	24.243 *	
30	32.925 *		31.513 *	21.182 *	20.593 *	51.540 *	65.697 *	18.291 *	26.149 *	16.631 *	23.001 *	
31	27.466 *		31.525 *		41.035 *		37.267 *	25.510 *		25.510 *		
Caudal Max.		83.016 *	41.804 *	71.233 *	75.083 *	69.337 *	88.130 *					
Día		5	21	15	25	11	17					
Hora		16	7	7	16	16	16					
Caudal Min.		8.873 *	5.734 *	9.738 *	18.853 *	24.870 *	16.631 *					
Día		17	4	20	18	26	23					
Hora		16	16	16	16	7	7					
Caudal Medio	22.317	23.903	24.968	30.593	35.771	36.168	54.599	20.187	25.743	26.730	28.944	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



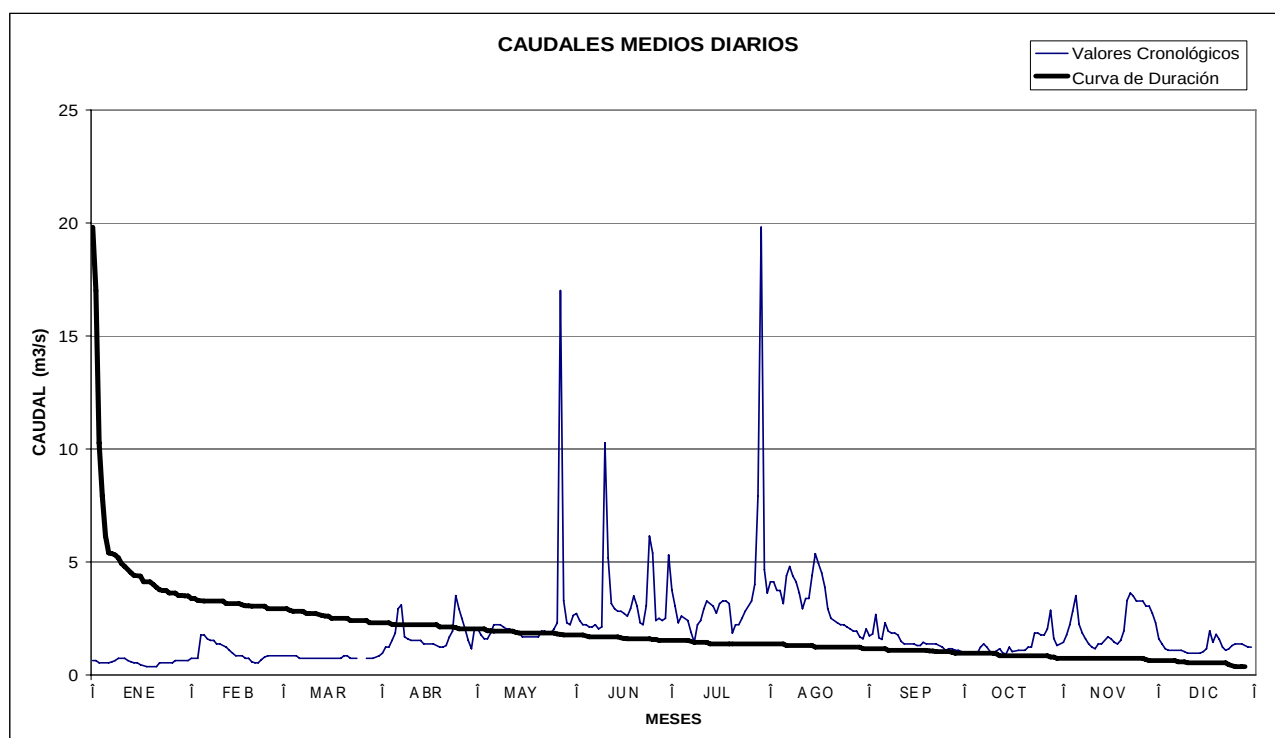
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H722	YANAHURCO DJ VALLE												Area Drenaje:75 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	0.637 *	0.741 *	0.853 *	0.853 *	2.104 *	2.635 *	5.315 *	3.636 *	2.043 *	1.037 *	1.381 *	2.321 *	
2	0.637 *	0.741 *	0.853 *	0.973 *	2.043 *	2.723 *	3.765 *	4.129 *	1.735 *	0.973 *	1.457 *	1.613 *	
3	0.541 *	0.741 *	0.853 *	1.237 *	1.778 *	2.417 *	3.050 *	4.129 *	1.820 *	0.973 *	1.778 *	1.381 *	
4	0.541 *	1.778 *	0.853 *	1.237 *	1.613 *	2.224 *	2.321 *	3.753 *	2.691 *	0.973 *	2.224 *	1.169 *	
5	0.541 *	1.778 *	0.853 *	1.533 *	1.613 *	2.224 *	2.618 *	3.753 *	1.653 *	0.973 *	2.832 *	1.101 *	
6	0.541 *	1.613 *	0.853 *	1.862 *	1.862 *	2.131 *	2.518 *	3.167 *	1.573 *	0.973 *	3.510 *	1.101 *	
7	0.589 *	1.533 *	0.741 *	2.931 *	2.228 *	2.131 *	2.417 *	4.401 *	2.321 *	1.237 *	2.240 *	1.101 *	
8	0.637 *	1.533 *	0.741 *	3.110 *	2.224 *	2.224 *	1.879 *	4.806 *	1.951 *	1.381 *	1.862 *	1.101 *	
9	0.741 *	1.381 *	0.741 *	1.694 *	2.224 *	2.039 *	1.457 *	4.392 *	1.862 *	1.237 *	1.613 *	1.101 *	
10	0.741 *	1.381 *	0.741 *	1.613 *	2.131 *	2.131 *	2.224 *	4.129 *	1.862 *	1.036 *	1.381 *	1.037 *	
11	0.741 *	1.309 *	0.741 *	1.533 *	2.039 *	10.279 *	2.417 *	3.636 *	1.778 *	1.004 *	1.237 *	0.973 *	
12	0.637 *	1.237 *	0.741 *	1.533 *	2.039 *	5.190 *	2.945 *	2.937 *	1.495 *	1.070 *	1.169 *	0.973 *	
13	0.589 *	1.101 *	0.741 *	1.533 *	1.951 *	3.159 *	3.272 *	3.389 *	1.381 *	1.168 *	1.381 *	0.973 *	
14	0.541 *	0.973 *	0.741 *	1.533 *	1.862 *	2.937 *	3.159 *	3.389 *	1.381 *	0.973 *	1.381 *	0.973 *	
15	0.541 *	0.853 *	0.741 *	1.381 *	1.862 *	2.828 *	3.046 *	4.417 *	1.381 *	0.942 *	1.533 *	0.973 *	
16	0.453 *	0.853 *	0.741 *	1.381 *	1.694 *	2.828 *	2.731 *	5.378 *	1.381 *	1.238 *	1.694 *	1.037 *	
17	0.413 *	0.853 *	0.741 *	1.381 *	1.694 *	2.723 *	3.159 *	4.944 *	1.309 *	1.036 *	1.613 *	1.169 *	
18	0.373 *	0.741 *	0.741 *	1.381 *	1.694 *	2.618 *	3.272 *	4.530 *	1.309 *	1.068 *	1.457 *	1.959 *	
19	0.373 *	0.741 *	0.741 *	1.309 *	1.694 *	2.937 *	3.272 *	3.882 *	1.457 *	1.101 *	1.381 *	1.457 *	
20	0.373 *	0.589 *	0.741 *	1.237 *	1.694 *	3.506 *	3.159 *	2.945 *	1.381 *	1.101 *	1.533 *	1.802 *	
21	0.373 *	0.541 *	0.853 *	1.237 *	1.694 *	3.062 *	1.866 *	2.518 *	1.381 *	1.101 *	1.959 *	1.573 *	
22	0.541 *	0.541 *	0.853 *	1.309 *	1.951 *	2.321 *	2.224 *	2.417 *	1.381 *	1.237 *	3.309 *	1.241 *	
23	0.541 *	0.689 *	0.741 *	1.694 *	1.951 *	2.224 *	2.224 *	2.321 *	1.381 *	1.237 *	3.627 *	1.101 *	
24	0.541 *	0.797 *	0.741 *	1.951 *	1.862 *	3.062 *	2.518 *	2.224 *	1.309 *	1.862 *	3.506 *	1.169 *	
25	0.541 *	0.853 *	0.741 *	3.510 *	1.862 *	6.146 *	2.832 *	2.224 *	1.237 *	1.862 *	3.272 *	1.309 *	
26	0.541 *	0.853 *		2.945 *	2.039 *	5.395 *	3.046 *	2.131 *	1.101 *	1.778 *	3.272 *	1.381 *	
27	0.637 *	0.853 *		2.518 *	2.321 *	2.421 *	3.272 *	2.039 *	1.169 *	1.778 *	3.272 *	1.381 *	
28	0.637 *	0.853 *	0.741 *	2.043 *	17.018 *	2.518 *	4.016 *	1.951 *	1.169 *	2.043 *	3.046 *	1.381 *	
29	0.637 *		0.741 *	1.537 *	3.288 *	2.417 *	7.927 *	1.951 *	1.101 *	2.865 *	3.046 *	1.309 *	
30	0.637 *		0.741 *	1.169 *	2.321 *	2.518 *	19.815 *	1.694 *	1.101 *	1.622 *	2.723 *	1.237 *	
31	0.637 *		0.797 *		2.224 *		4.664 *	1.613 *		1.309 *		1.237 *	
Caudal Max.	0.741 *	1.862 *		4.526 *	21.511 *	17.513 *	22.117 *	5.378 *	3.158 *	3.506 *	3.999 *	2.417 *	
Día	vv	5		8	28	11	30	16	4	29	22	1	
Hora		6		6	6	18	18	6	6	18	18	6	
Caudal Min.	0.373 *	0.541 *		0.853 *	1.381 *	2.039 *	1.381 *	1.533 *	1.101 *	0.912 *	1.101 *	0.973 *	
Día	vv	vv		1	1	7	9	31	vv	15	12	vv	
Hora				18	6	6	18	18		6	18		
Caudal Medio	0.562	1.016	0.773	1.705	2.470	3.132	3.626	3.317	1.536	1.296	2.190	1.278	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

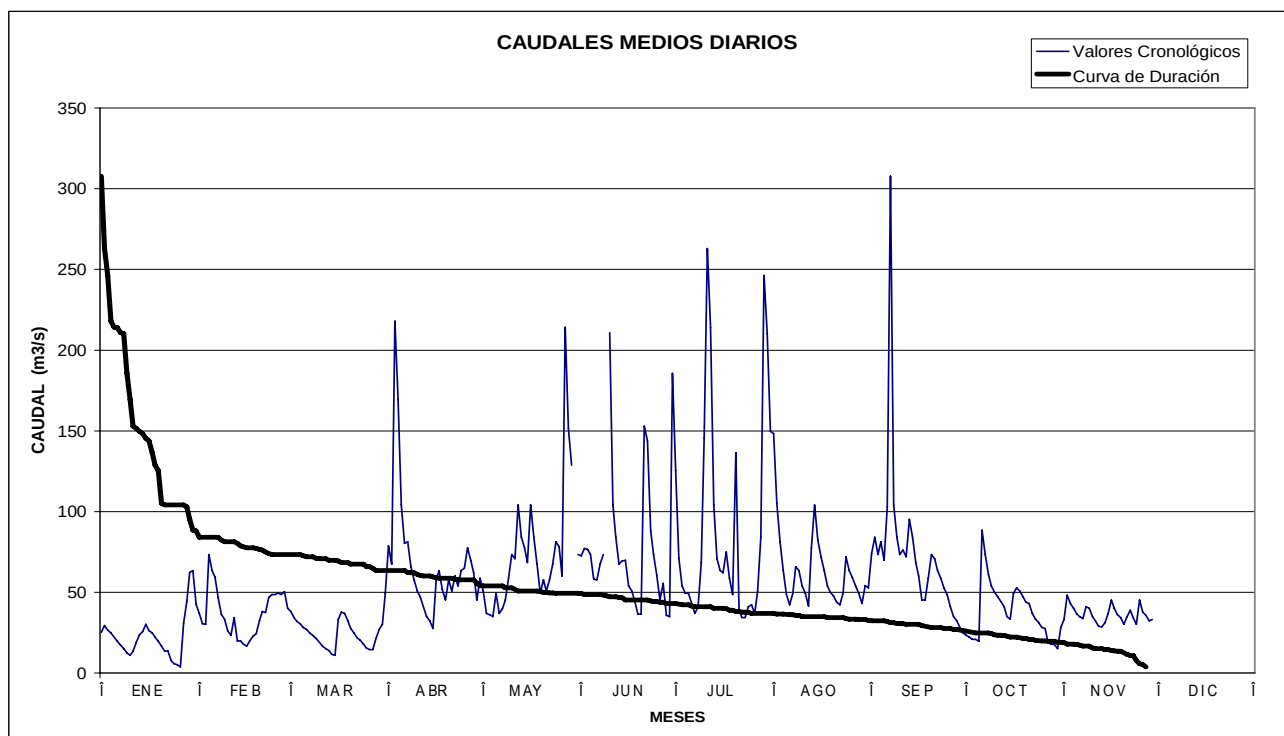


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H731	COSANGA AJ QUIJOS											Area Drenaje:469 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	25.264 *	37.026 *	40.217 *	49.568 *	58.703 *	73.510 *	185.710 *	149.791 *	52.680 *	24.917 *	28.386 *	
2	29.478 *	30.600 *	38.198 *	78.731 *	50.883 *	72.584 *	125.461 *	148.341 *	74.078 *	23.581 *	33.168 *	
3	26.650 *	30.189 *	34.290 *	67.420 *	37.026 *	77.135 *	71.006 *	105.081 *	84.090 *	22.273 *	48.342 *	
4	24.931 *	73.510 *	32.022 *	217.935 *	36.228 *	76.626 *	54.060 *	81.387 *	73.510 *	20.995 *	43.099 *	
5	22.288 *	63.494 *	30.549 *	169.374 *	35.055 *	73.510 *	49.568 *	63.494 *	81.376 *	20.995 *	40.217 *	
6	19.761 *	59.592 *	28.386 *	104.158 *	49.568 *	58.216 *	49.568 *	48.675 *	69.924 *	19.746 *	36.612 *	
7	17.401 *	46.607 *	26.979 *	80.309 *	37.026 *	57.750 *	43.099 *	42.268 *	103.037 *	88.465 *	35.055 *	
8	15.073 *	36.359 *	24.917 *	81.445 *	39.920 *	67.420 *	37.026 *	49.568 *	307.825 *	73.510 *	33.906 *	
9	12.488 *	33.336 *	23.252 *	65.998 *	45.229 *	73.510 *	41.207 *	65.998 *	104.158 *	61.062 *	41.047 *	
10	10.947 *	26.026 *	21.634 *	57.750 *	58.851 *		68.573 *	63.494 *	84.090 *	54.060 *	40.217 *	
11	13.461 *	23.539 *	19.137 *	50.883 *	73.510 *	210.890 *	145.458 *	54.060 *	73.510 *	49.991 *	35.055 *	
12	18.838 *	34.321 *	16.761 *	47.360 *	70.935 *	104.158 *	262.873 *	49.568 *	76.155 *	47.360 *	32.403 *	
13	23.711 *	19.987 *	15.057 *	41.047 *	104.158 *	84.090 *	213.999 *	41.438 *	71.956 *	44.367 *	29.097 *	
14	25.685 *	19.881 *	13.963 *	35.055 *	84.090 *	67.420 *	104.158 *	77.664 *	95.217 *	41.047 *	28.740 *	
15	30.189 *	18.026 *	11.631 *	32.403 *	77.664 *	69.452 *	70.935 *	104.158 *	84.090 *	35.055 *	31.280 *	
16	26.296 *	16.792 *	10.879 *	27.676 *	68.430 *	69.924 *	63.494 *	82.453 *	68.430 *	33.525 *	37.026 *	
17	24.931 *	20.101 *	33.168 *	57.750 *	104.158 *	54.060 *	62.026 *	71.956 *	60.109 *	49.135 *	45.229 *	
18	22.288 *	22.956 *	37.804 *	63.494 *	84.090 *	50.883 *	75.089 *	63.494 *	45.229 *	52.680 *	40.217 *	
19	19.761 *	24.421 *	37.006 *	51.776 *	67.420 *	44.797 *	58.703 *	54.060 *	45.229 *	50.883 *	36.228 *	
20	16.854 *	32.645 *	32.403 *	45.229 *	49.568 *	36.625 *	48.675 *	49.991 *	58.703 *	47.360 *	34.290 *	
21	13.629 *	38.136 *	27.676 *	57.750 *	57.750 *	36.625 *	136.476 *	47.795 *	73.510 *	43.941 *	30.189 *	
22	13.809 *	37.518 *	24.931 *	50.883 *	50.883 *	152.986 *	38.996 *	43.941 *	70.935 *	43.099 *	35.055 *	
23	7.900 *	46.927 *	21.959 *	60.109 *	57.750 *	143.765 *	34.290 *	42.268 *	63.494 *	37.026 *	38.996 *	
24	5.836 *	48.675 *	20.370 *	54.060 *	67.420 *	88.004 *	34.290 *	49.721 *	58.703 *	33.525 *	34.290 *	
25	5.289 *	48.706 *	17.933 *	63.494 *	81.445 *	73.510 *	41.047 *	71.956 *	52.680 *	31.280 *	30.189 *	
26	3.897 *	49.721 *	15.620 *	64.988 *	78.210 *	60.584 *	42.268 *	63.494 *	48.675 *	28.386 *	45.229 *	
27	30.913 *	48.675 *	14.510 *	77.664 *	60.109 *	45.229 *	37.026 *	59.157 *	41.047 *	27.676 *	37.804 *	
28	44.399 *	50.564 *	14.510 *	69.924 *	214.222 *	55.526 *	50.883 *	54.060 *	35.055 *	19.137 *	35.834 *	
29	62.260 *		21.634 *	62.026 *	151.623 *	35.834 *	84.090 *	49.568 *	32.403 *	17.930 *	32.403 *	
30	63.494 *		26.979 *	45.229 *	128.757 *	35.055 *	246.363 *	43.099 *	28.386 *	17.635 *	33.168 *	
31	42.688 *		30.189 *				210.231 *	54.211 *		15.057 *		
Caudal Max.	70.935 *	76.085 *	41.438 *	221.871 *			262.872 *	183.634 *	352.777 *	90.126 *	53.585 *	
Día	29	4	1	4			12	1	8	7	3	
Hora	17	6	6	17			7	6	17	7	17	
Caudal Min.	3.569 *	15.057 *	10.879 *	27.675 *			33.525 *	41.438 *	27.675 *	15.057 *	27.675 *	
Día	24	16	16	16			24	7	30	31	1	
Hora	17	6	17	6			7	17	17	17	7	
Caudal Medio	23.239	37.083	24.663	67.716	72.689	74.127	89.892	66.007	73.943	37.926	36.092	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



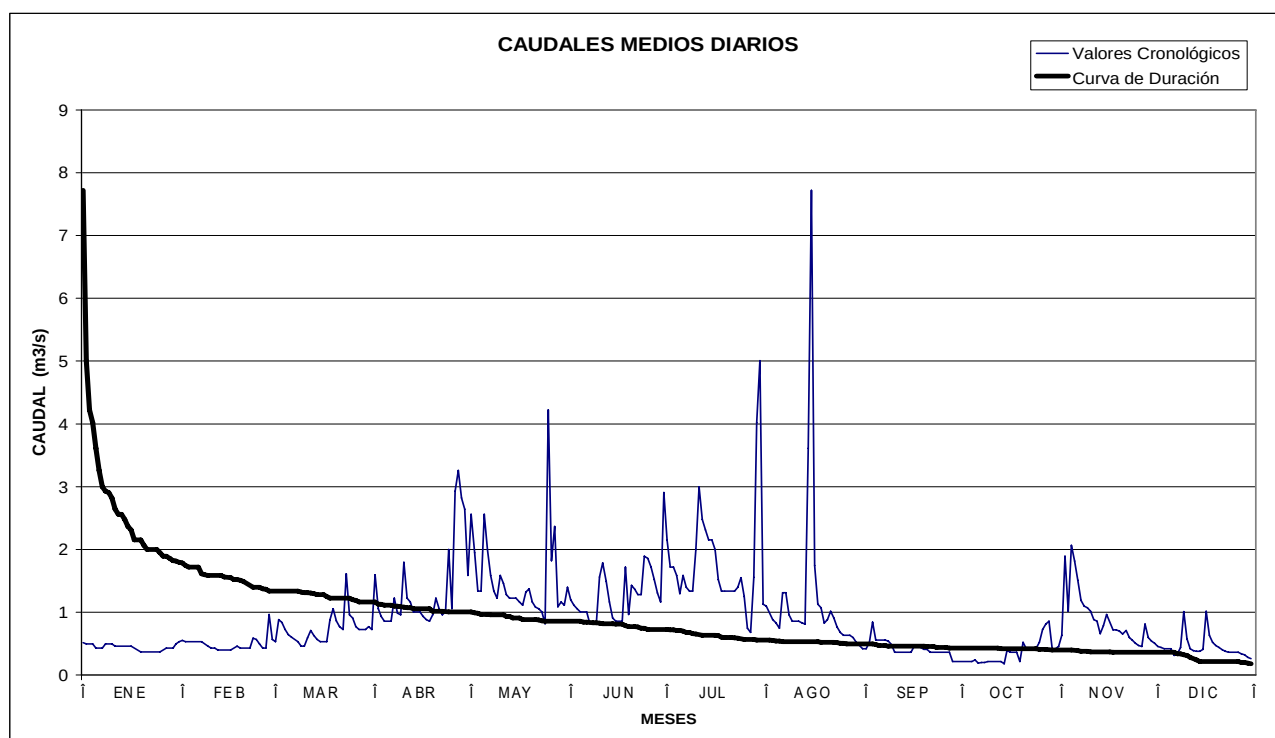
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H763	QDA.MULA CORRAL AJ CALAMACA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.516 *	0.551 *	0.570 *	0.729 *	1.590 *	1.399 *	2.909 *	1.128 *	0.422 *	0.218 *	0.455 *	0.505 *
2	0.498 *	0.533 *	0.533 *	1.598 *	2.565 *	1.197 *	2.155 *	1.100 *	0.422 *	0.218 *	0.636 *	0.454 *
3	0.498 *	0.533 *	0.886 *	1.060 *	1.949 *	1.112 *	1.720 *	0.990 *	0.523 *	0.218 *	1.895 *	0.438 *
4	0.498 *	0.533 *	0.839 *	0.934 *	1.338 *	1.060 *	1.720 *	0.885 *	0.844 *	0.218 *	1.019 *	0.422 *
5	0.432 *	0.533 *	0.729 *	0.862 *	1.338 *	1.008 *	1.587 *	0.836 *	0.559 *	0.218 *	2.064 *	0.422 *
6	0.432 *	0.533 *	0.646 *	0.862 *	2.564 *	1.008 *	1.297 *	0.743 *	0.559 *	0.239 *	1.815 *	0.422 *
7	0.432 *	0.533 *	0.607 *	0.862 *	2.004 *	1.008 *	1.587 *	1.314 *	0.559 *	0.189 *	1.515 *	0.312 *
8	0.498 *	0.498 *	0.570 *	1.222 *	1.587 *	0.816 *	1.399 *	1.314 *	0.559 *	0.198 *	1.189 *	0.336 *
9	0.498 *	0.464 *	0.534 *	0.983 *	1.338 *	0.816 *	1.338 *	0.963 *	0.541 *	0.198 *	1.100 *	0.438 *
10	0.498 *	0.432 *	0.464 *	0.958 *	1.222 *	0.816 *	1.338 *	0.860 *	0.488 *	0.218 *	1.072 *	1.012 *
11	0.464 *	0.432 *	0.464 *	1.795 *	1.587 *	1.564 *	2.004 *	0.860 *	0.363 *	0.218 *	1.015 *	0.578 *
12	0.464 *	0.400 *	0.596 *	1.222 *	1.459 *	1.789 *	3.001 *	0.860 *	0.363 *	0.218 *	0.885 *	0.423 *
13	0.464 *	0.400 *	0.708 *	1.167 *	1.279 *	1.492 *	2.478 *	0.836 *	0.363 *	0.218 *	0.860 *	0.392 *
14	0.464 *	0.400 *	0.627 *	1.008 *	1.222 *	1.167 *	2.312 *	0.812 *	0.363 *	0.218 *	0.659 *	0.378 *
15	0.464 *	0.400 *	0.570 *	1.008 *	1.222 *	0.909 *	2.155 *	3.614 *	0.363 *	0.180 *	0.788 *	0.378 *
16	0.464 *	0.400 *	0.533 *	1.008 *	1.222 *	0.862 *	2.155 *	7.723 *	0.363 *	0.393 *	0.965 *	0.411 *
17	0.432 *	0.432 *	0.533 *	0.934 *	1.167 *	0.862 *	2.004 *	1.746 *	0.461 *	0.363 *	0.841 *	1.019 *
18	0.400 *	0.464 *	0.533 *	0.886 *	1.112 *	0.862 *	1.523 *	1.128 *	0.461 *	0.363 *	0.721 *	0.637 *
19	0.370 *	0.432 *	0.878 *	0.862 *	1.323 *	1.720 *	1.338 *	1.072 *	0.443 *	0.363 *	0.721 *	0.523 *
20	0.370 *	0.432 *	1.060 *	0.958 *	1.372 *	0.969 *	1.338 *	0.826 *	0.409 *	0.218 *	0.699 *	0.471 *
21	0.370 *	0.432 *	0.863 *	1.222 *	1.167 *	1.429 *	1.338 *	0.882 *	0.409 *	0.523 *	0.657 *	0.438 *
22	0.370 *	0.432 *	0.772 *	1.060 *	1.086 *	1.368 *	1.338 *	1.015 *	0.363 *	0.422 *	0.709 *	0.407 *
23	0.370 *	0.588 *	0.729 *	0.958 *	1.060 *	1.279 *	1.338 *	0.910 *	0.363 *	0.422 *	0.598 *	0.378 *
24	0.370 *	0.570 *	1.613 *	1.008 *	1.008 *	1.279 *	1.399 *	0.766 *	0.363 *	0.422 *	0.559 *	0.363 *
25	0.370 *	0.498 *	0.959 *	2.004 *	0.816 *	1.895 *	1.555 *	0.678 *	0.363 *	0.422 *	0.505 *	0.363 *
26	0.400 *	0.432 *	0.909 *	1.060 *	4.225 *	1.859 *	1.252 *	0.636 *	0.363 *	0.523 *	0.471 *	0.363 *
27	0.432 *	0.432 *	0.772 *	2.929 *	1.824 *	1.720 *	0.743 *	0.636 *	0.363 *	0.724 *	0.454 *	0.363 *
28	0.432 *	0.964 *	0.729 *	3.260 *	2.367 *	1.523 *	0.678 *	0.636 *	0.363 *	0.812 *	0.813 *	0.336 *
29	0.432 *		0.729 *	2.819 *	1.087 *	1.309 *	1.557 *	0.598 *	0.218 *	0.861 *	0.598 *	0.322 *
30	0.498 *		0.729 *	2.644 *	1.167 *	1.167 *	4.021 *	0.523 *	0.218 *	0.422 *	0.541 *	0.285 *
31	0.533 *		0.772 *		1.112 *		5.008 *	0.471 *		0.422 *		0.261 *
Caudal Max.	0.533 *	1.112 *	2.004 *	4.799 *	4.448 *	2.312 *	5.318 *	13.932 *	1.128 *	0.910 *	2.150 *	1.661 *
Día	31	28	24	27	26	11	30	16	4	29	5	10
Hora	7	7	17	18	7	17	17	7	7	17	7	17
Caudal Min.	0.370 *	0.400 *	0.464 *	0.729 *	0.816 *	0.816 *	0.636 *	0.454 *	0.218 *	0.180 *	0.422 *	0.261 *
Día	vv	vv	vv	1	25	vv	28	31	vv	7	1	31
Hora				17	17		17	17		17	7	7
Caudal Medio	0.443	0.489	0.724	1.329	1.528	1.242	1.857	1.205	0.427	0.350	0.894	0.447

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



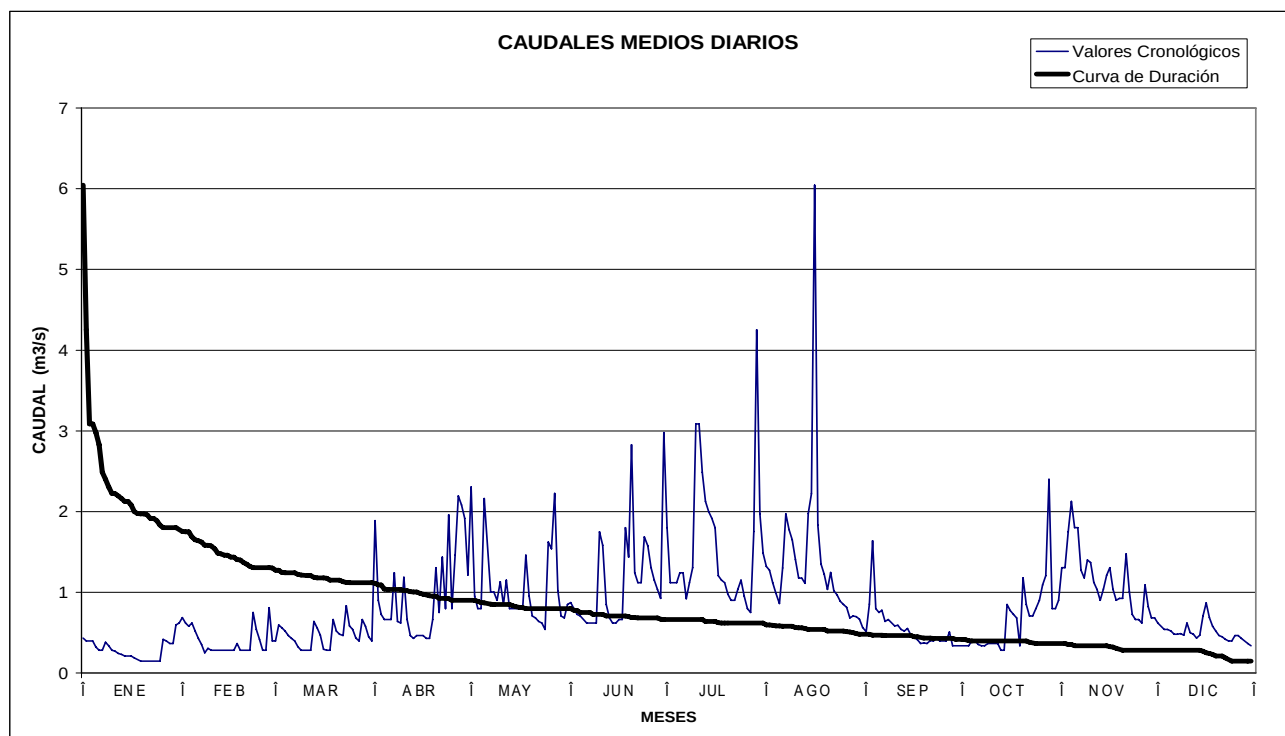
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H764	CALAMACA DJ Q.HUARCUSACHA											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.433 *	0.686 *	0.399 *	0.399 *	1.216 *	0.849 *	2.980 *	1.485	0.567	0.338 *	0.899 *	0.684 *
2	0.399 *	0.620 *	0.399 *	1.888 *	2.306 *	0.874 *	1.801 *	1.323	0.515	0.338 *	1.304 *	0.620 *
3	0.399 *	0.579 *	0.599 *	0.903 *	0.953 *	0.799 *	1.120 *	1.275	0.856	0.338 *	1.304 *	0.580 *
4	0.399 *	0.620 *	0.559 *	0.729 *	0.799 *	0.729 *	1.120 *	1.120	1.642	0.338 *	1.748 *	0.540 *
5	0.324 *	0.521 *	0.521 *	0.662 *	0.799 *	0.706 *	1.120 *	0.991	0.799	0.399 *	2.127 *	0.540 *
6	0.283 *	0.432 *	0.466 *	0.662 *	2.164 *	0.662 *	1.241 *	0.860	0.752	0.399 *	1.801 *	0.521 *
7	0.283 *	0.353 *	0.432 *	0.662 *	1.585 *	0.620 *	1.241 *	1.302	0.778	0.353 *	1.801 *	0.484 *
8	0.383 *	0.253 *	0.399 *	1.241 *	1.006 *	0.620 *	0.921 *	1.971	0.640	0.338 *	1.273 *	0.484 *
9	0.338 *	0.309 *	0.325 *	0.641 *	1.006 *	0.620 *	1.120 *	1.778	0.662	0.338 *	1.180 *	0.489 *
10	0.283 *	0.283 *	0.283 *	0.620 *	0.899 *	0.620 *	1.305 *	1.651	0.624	0.368 *	1.403 *	0.469 *
11	0.270 *	0.283 *	0.283 *	1.188 *	1.134 *	1.748 *	3.086 *	1.406	0.587	0.368 *	1.370 *	0.621 *
12	0.245 *	0.283 *	0.283 *	0.663 *	0.849 *	1.581 *	3.086 *	1.180	0.590	0.368 *	1.124 *	0.503 *
13	0.233 *	0.283 *	0.283 *	0.466 *	1.150 *	0.849 *	2.490 *	1.175	0.540	0.368 *	1.034 *	0.484 *
14	0.210 *	0.283 *	0.641 *	0.432 *	0.799 *	0.684 *	2.127 *	1.114	0.520	0.283 *	0.900 *	0.433 *
15	0.210 *	0.283 *	0.559 *	0.466 *	0.799 *	0.620 *	2.001 *	1.978	0.552	0.283 *	1.039 *	0.469 *
16	0.210 *	0.283 *	0.469 *	0.466 *	0.799 *	0.620 *	1.919 *	2.223	0.472	0.849 *	1.212 *	0.709 *
17	0.189 *	0.283 *	0.296 *	0.466 *	0.799 *	0.662 *	1.801 *	6.044	0.441	0.776 *	1.304 *	0.870 *
18	0.169 *	0.368 *	0.283 *	0.432 *	0.799 *	0.662 *	1.210 *	1.834	0.414	0.729 *	1.034 *	0.686 *
19	0.150 *	0.283 *	0.283 *	0.432 *	1.463 *	1.801 *	1.150 *	1.350	0.368	0.684 *	0.899 *	0.580 *
20	0.150 *	0.283 *	0.663 *	0.662 *	0.960 *	1.438 *	1.120 *	1.222	0.374	0.338 *	0.925 *	0.521 *
21	0.150 *	0.283 *	0.521 *	1.304 *	0.706 *	2.828 *	0.979 *	1.035	0.368	1.180 *	0.927 *	0.466 *
22	0.150 *	0.283 *	0.484 *	0.752 *	0.684 *	1.242 *	0.899 *	1.247	0.403	0.849 *	1.477 *	0.449 *
23	0.150 *	0.753 *	0.466 *	1.437 *	0.641 *	1.120 *	0.899 *	1.021	0.399	0.706 *	1.010 *	0.416 *
24	0.150 *	0.543 *	0.834 *	0.799 *	0.620 *	1.120 *	1.034 *	0.970	0.428	0.706 *	0.729 *	0.399 *
25	0.150 *	0.416 *	0.586 *	1.960 *	0.540 *	1.687 *	1.150 *	0.891	0.399	0.799 *	0.662 *	0.399 *
26	0.416 *	0.283 *	0.543 *	0.799 *	1.623 *	1.576 *	0.953 *	0.848	0.399	0.903 *	0.662 *	0.466 *
27	0.399 *	0.283 *	0.433 *	1.463 *	1.540 *	1.305 *	0.796	0.814	0.399 *	1.093 *	0.620 *	0.466 *
28	0.368 *	0.813 *	0.399 *	2.195 *	2.228 *	1.150 *	0.752	0.683	0.509 *	1.210 *	1.093 *	0.432 *
29	0.368 *		0.663 *	2.085 *	1.020 *	1.034 *	1.754	0.706	0.338 *	2.402 *	0.824 *	0.399 *
30	0.599 *		0.580 *	1.919 *	0.706 *	0.925 *	4.254	0.699	0.338 *	0.799 *	0.684 *	0.368 *
31	0.620 *		0.449 *		0.684 *		1.971	0.667		0.799 *		0.338 *
Caudal Max.	0.620 *	1.006 *	1.006 *	3.086 *	3.528 *	3.528 *	7.299 *	7.656	1.879	2.677 *	2.127 *	1.120 *
Día	31	28	24	28	6	21	30	17	4	29	5	17
Hora	7	7	17	17	17	7	17	12	9	17	7	17
Caudal Min.	0.150 *	0.169 *	0.282 *	0.399 *	0.540 *	0.620 *	0.662 *	0.579	0.338 *	0.282 *	0.620 *	0.338 *
Día	vv	8	11	1	25	vv	8	31	vv	14	27	31
Hora		17	7	7	7		7	16		7	17	17
Caudal Medio	0.293	0.401	0.464	0.960	1.073	1.058	1.593	1.383	0.556	0.646	1.146	0.512

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



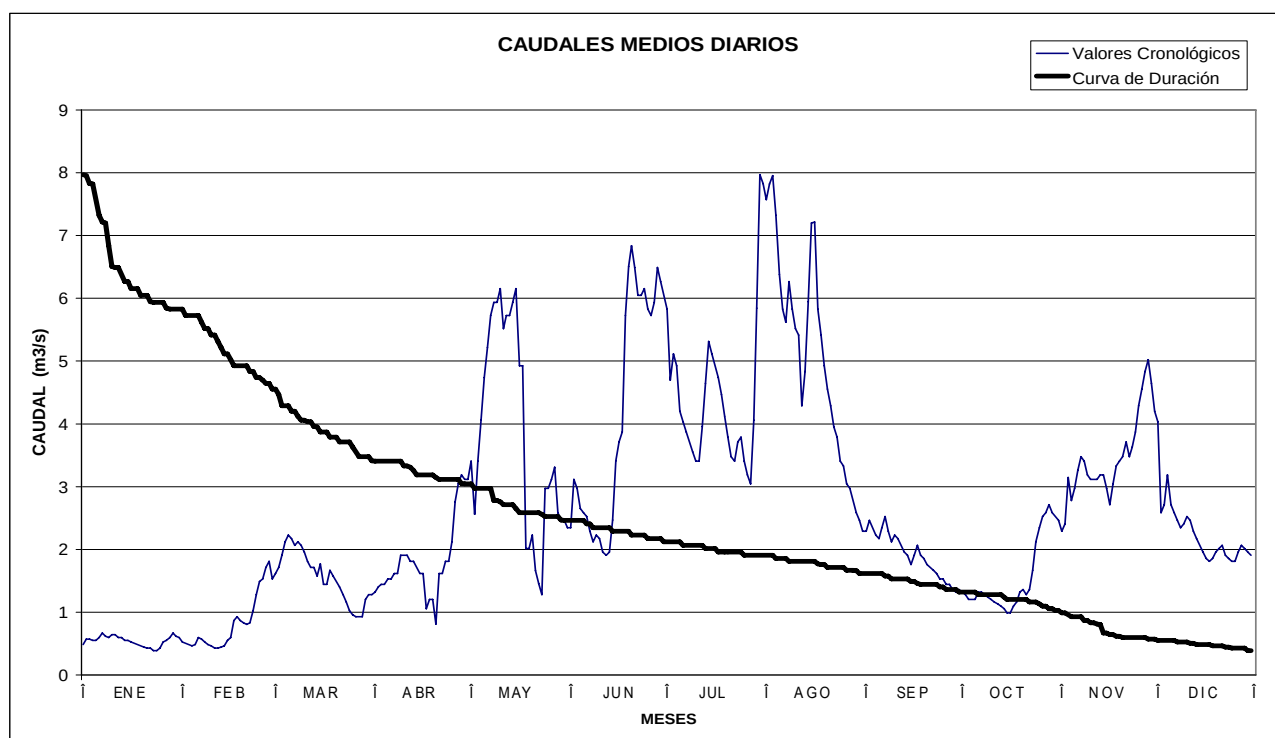
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H783	OZOGOCHE EN LOS LAGOS											Area Drenaje:66 km ²
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.487 *	0.530 *	1.531 *	1.282 *	3.118 *	2.346 *	6.047 *	7.828 *	2.289 *	1.362 *	2.465 *	4.205 *
2	0.575 *	0.508 *	1.621 *	1.322 *	3.406 *	2.346 *	5.832 *	7.570 *	2.289 *	1.322 *	2.289 *	4.036 *
3	0.575 *	0.487 *	1.715 *	1.403 *	2.565 *	3.116 *	4.695 *	7.825 *	2.467 *	1.282 *	2.406 *	2.589 *
4	0.552 *	0.467 *	1.910 *	1.445 *	3.408 *	2.978 *	5.119 *	7.956 *	2.346 *	1.205 *	3.150 *	2.713 *
5	0.552 *	0.487 *	2.121 *	1.445 *	4.057 *	2.654 *	4.927 *	7.324 *	2.232 *	1.205 *	2.778 *	3.188 *
6	0.598 *	0.598 *	2.232 *	1.531 *	4.739 *	2.589 *	4.205 *	6.381 *	2.176 *	1.205 *	2.978 *	2.713 *
7	0.672 *	0.575 *	2.176 *	1.531 *	5.218 *	2.526 *	4.036 *	5.832 *	2.346 *	1.322 *	3.259 *	2.587 *
8	0.622 *	0.530 *	2.067 *	1.621 *	5.726 *	2.289 *	3.872 *	5.622 *	2.526 *	1.322 *	3.481 *	2.465 *
9	0.598 *	0.487 *	2.121 *	1.621 *	5.938 *	2.121 *	3.712 *	6.267 *	2.289 *	1.282 *	3.406 *	2.346 *
10	0.647 *	0.467 *	2.067 *	1.910 *	5.938 *	2.234 *	3.557 *	5.832 *	2.121 *	1.244 *	3.188 *	2.406 *
11	0.647 *	0.428 *	1.962 *	1.910 *	6.156 *	2.176 *	3.406 *	5.519 *	2.232 *	1.205 *	3.118 *	2.526 *
12	0.598 *	0.428 *	1.810 *	1.910 *	5.519 *	1.962 *	3.406 *	5.418 *	2.176 *	1.168 *	3.116 *	2.465 *
13	0.598 *	0.447 *	1.714 *	1.810 *	5.726 *	1.910 *	3.959 *	4.292 *	2.067 *	1.132 *	3.118 *	2.289 *
14	0.552 *	0.467 *	1.714 *	1.810 *	5.726 *	1.962 *	4.648 *	4.833 *	1.962 *	1.096 *	3.188 *	2.176 *
15	0.552 *	0.553 *	1.576 *	1.714 *	5.938 *	2.473 *	5.317 *	5.948 *	1.910 *	1.061 *	3.188 *	2.067 *
16	0.530 *	0.598 *	1.772 *	1.621 *	6.156 *	3.414 *	5.119 *	7.199 *	1.762 *	0.993 *	2.978 *	1.962 *
17	0.508 *	0.867 *	1.445 *	1.621 *	4.927 *	3.714 *	4.927 *	7.216 *	1.910 *	0.993 *	2.713 *	1.860 *
18	0.487 *	0.929 *	1.445 *	1.061 *	4.927 *	3.872 *	4.739 *	5.832 *	2.067 *	1.096 *	3.047 *	1.810 *
19	0.467 *	0.867 *	1.667 *	1.205 *	2.014 *	5.726 *	4.468 *	5.418 *	1.910 *	1.168 *	3.332 *	1.860 *
20	0.447 *	0.837 *	1.576 *	1.205 *	2.014 *	6.508 *	4.121 *	4.929 *	1.860 *	1.322 *	3.406 *	1.962 *
21	0.428 *	0.808 *	1.488 *	0.809 *	2.232 *	6.839 *	3.792 *	4.557 *	1.762 *	1.362 *	3.481 *	2.014 *
22	0.428 *	0.837 *	1.403 *	1.621 *	1.663 *	6.492 *	3.481 *	4.292 *	1.714 *	1.282 *	3.712 *	2.067 *
23	0.391 *	1.027 *	1.282 *	1.621 *	1.459 *	6.047 *	3.406 *	3.954 *	1.667 *	1.362 *	3.481 *	1.910 *
24	0.391 *	1.283 *	1.168 *	1.810 *	1.282 *	6.047 *	3.712 *	3.792 *	1.621 *	1.667 *	3.634 *	1.860 *
25	0.428 *	1.488 *	1.027 *	1.810 *	2.978 *	6.156 *	3.792 *	3.408 *	1.531 *	2.123 *	3.872 *	1.810 *
26	0.530 *	1.531 *	0.961 *	2.121 *	2.978 *	5.832 *	3.408 *	3.332 *	1.531 *	2.346 *	4.292 *	1.810 *
27	0.552 *	1.715 *	0.929 *	2.763 *	3.116 *	5.726 *	3.188 *	3.047 *	1.445 *	2.526 *	4.557 *	1.962 *
28	0.598 *	1.810 *	0.929 *	3.051 *	3.312 *	5.938 *	3.047 *	2.978 *	1.445 *	2.587 *	4.833 *	2.067 *
29	0.672 *		0.929 *	3.188 *	2.587 *	6.492 *	4.057 *	2.778 *	1.362 *	2.713 *	5.023 *	2.015 *
30	0.622 *		1.205 *	3.116 *	2.465 *	6.267 *	5.847 *	2.587 *	1.322 *	2.587 *	4.648 *	1.962 *
31	0.598 *		1.282 *		2.465 *		7.972 *	2.465 *		2.526 *		1.910 *
Caudal Max.	0.698 *	1.810 *	2.232 *	3.406 *	6.155 *	7.077 *	8.624 *	8.086 *	2.587 *	2.713 *	5.119 *	4.205 *
Día	7	28	6	27	11	20	31	1	3	29	29	1
Hora	7	7	6	7	6	17	17	7	6	6	6	6
Caudal Min.	0.391 *	0.428 *	0.929 *	0.751 *	1.205 *	1.910 *	2.978 *	2.465 *	1.282 *	0.993 *	2.232 *	1.810 *
Día	vv	vv	vv	21	22	13	28	31	30	vv	2	vv
Hora				17	17	7	17	17	17		18	
Caudal Medio	0.545	0.788	1.576	1.763	3.863	4.025	4.381	5.233	1.945	1.518	3.404	2.310

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

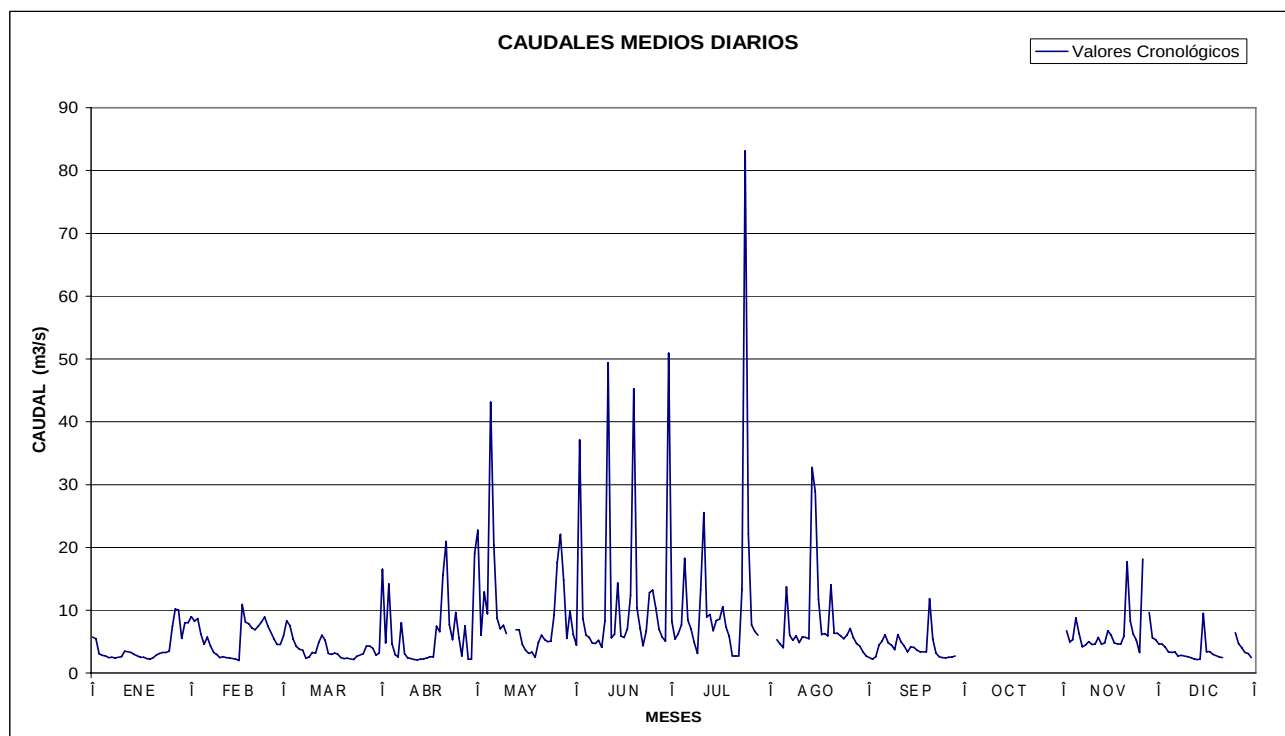


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H787	ALAO EN HDA.ALAO										Area Drenaje:108 km2	
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	5.734 *	9.008 *	4.536 *	3.180 *	19.088 *	6.101 *	50.940 *		2.739 *		5.615 *	5.339 *
2	5.467 *	8.278 *	5.940 *	16.499 *	22.751 *	4.479 *	8.213 *		2.494 *			4.655 *
3	3.043 *	8.713 *	8.361 *	4.828 *	6.019 *	37.123 *	5.407 *		2.228 *		6.740 *	4.594 *
4	2.823 *	6.219 *	7.559 *	14.177 *	12.898 *	8.713 *	6.294 *	5.339 *	2.657 *		4.957 *	4.125 *
5	2.697 *	4.595 *	5.407 *	4.665 *	9.457 *	6.010 *	7.699 *	4.655 *	4.479 *		5.339 *	3.368 *
6	2.494 *	5.734 *	4.251 *	2.915 *	43.129 *	5.666 *	18.274 *	4.031 *	5.080 *		8.751 *	3.273 *
7	2.534 *	4.312 *	3.819 *	2.537 *	20.369 *	4.775 *	8.458 *	13.735 *	6.086 *		6.303 *	3.417 *
8	2.416 *	3.324 *	3.614 *	8.019 *	8.728 *	4.714 *	7.043 *	6.010 *	4.779 *		4.200 *	2.697 *
9	2.534 *	2.954 *	2.378 *	3.050 *	7.047 *	5.208 *	4.896 *	5.208 *	4.479 *		4.479 *	2.823 *
10	2.655 *	2.468 *	2.541 *	2.416 *	7.606 *	4.087 *	3.137 *	5.952 *	3.715 *		5.024 *	2.697 *
11	3.465 *	2.614 *	3.320 *	2.302 *	6.294 *	8.343 *	13.253 *	4.894 *	6.154 *		4.548 *	2.614 *
12	3.368 *	2.494 *	3.180 *	2.155 *		49.424 *	25.530 *	5.804 *	4.957 *		4.598 *	2.455 *
13	3.320 *	2.416 *	4.879 *	2.119 *		5.600 *	8.918 *	5.668 *	4.318 *		5.666 *	2.265 *
14	2.953 *	2.340 *	6.010 *	2.228 *	6.889 *	6.167 *	9.332 *	5.475 *	3.368 *		4.598 *	2.155 *
15	2.781 *	2.191 *	5.243 *	2.266 *	6.898 *	14.340 *	6.740 *	32.711 *	4.143 *		4.779 *	2.193 *
16	2.534 *	2.014 *	3.137 *	2.418 *	4.536 *	5.871 *	8.367 *	28.877 *	4.087 *		6.740 *	9.482 *
17	2.534 *	10.943 *	2.998 *	2.655 *	3.622 *	5.668 *	8.589 *	11.722 *	3.614 *		6.010 *	3.368 *
18	2.302 *	8.102 *	3.180 *	2.576 *	3.137 *	6.987 *	10.586 *	6.151 *	3.416 *		4.775 *	3.424 *
19	2.191 *	7.848 *	3.015 *	7.460 *	3.334 *	12.338 *	7.362 *	6.294 *	3.417 *		4.655 *	3.000 *
20	2.455 *	7.200 *	2.494 *	6.587 *	2.534 *	45.286 *	5.887 *	5.946 *	3.416 *		4.594 *	2.781 *
21	2.867 *	6.888 *	2.302 *	15.600 *	4.896 *	10.382 *	2.744 *	14.065 *	11.862 *		5.874 *	2.574 *
22	3.133 *	7.440 *	2.377 *	20.942 *	6.019 *	7.127 *	2.697 *	6.366 *	5.407 *		17.706 *	2.455 *
23	3.321 *	8.102 *	2.265 *	7.722 *	5.335 *	4.364 *	2.744 *	6.373 *	3.185 *		8.285 *	
24	3.324 *	8.941 *	2.155 *	5.336 *	5.018 *	6.674 *	13.300 *	5.942 *	2.657 *		6.224 *	
25	3.465 *	7.546 *	2.665 *	9.649 *	5.084 *	12.790 *	83.114 *	5.475 *	2.456 *		5.208 *	
26	7.440 *	6.439 *	2.910 *	5.615 *	9.164 *	13.236 *	22.184 *	6.010 *	2.416 *		3.321 *	6.443 *
27	10.217 *	5.401 *	3.043 *	2.744 *	17.614 *	10.319 *	7.686 *	7.123 *	2.535 *		18.146 *	4.714 *
28	10.017 *	4.538 *	4.308 *	7.485 *	22.065 *	6.972 *	6.663 *	5.615 *	2.576 *			4.039 *
29	5.534 *		4.307 *	2.196 *	14.814 *	5.734 *	6.010 *	4.714 *	2.739 *		9.690 *	3.321 *
30	8.019 *		3.927 *	2.228 *	5.538 *	5.038 *		4.308 *			5.603 *	3.134 *
31	8.014 *		2.867 *		9.852 *			3.417 *				2.456 *
Caudal Max.	10.612 *	12.999 *	8.708 *	24.553 *		63.488 *						
Día	27	17	3	22		20						
Hora	18	9	9	9		9						
Caudal Min.	2.155 *	2.014 *	2.155 *	2.014 *		3.923 *						
Día	19	16	24	29		10						
Hora	18	18	18	18		18						
Caudal Medio	4.053	5.681	3.838	5.819	10.336	10.984	12.830	8.139	3.981		6.515	3.566

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

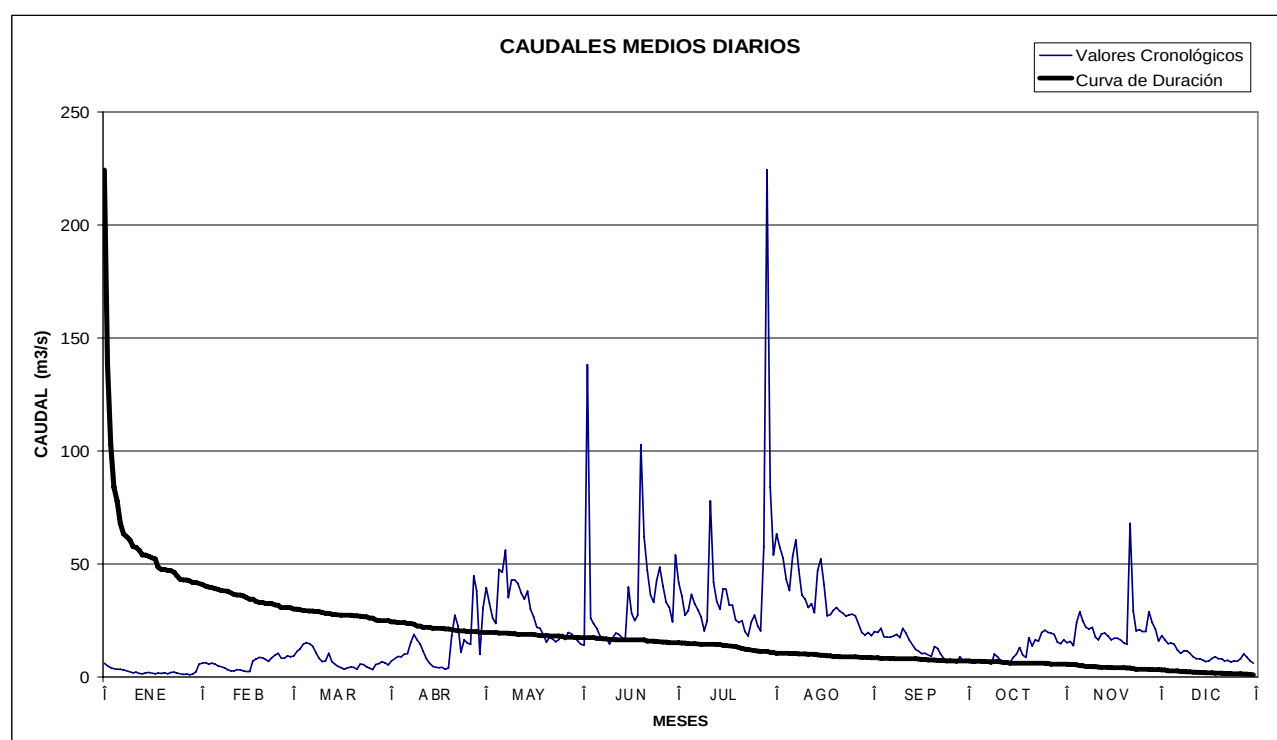


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H790	CEBADAS AJ GUAMOTE											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	6.100 *	6.232 *	8.977 *	5.391 *	30.615 *	14.580 *	53.993 *	53.993 *	18.389 *	7.785 *	16.429 *	15.967 *
2	5.115 *	6.383 *	9.332 *	7.073 *	39.513 *	14.135 *	41.759 *	63.364 *	20.198 *	6.833 *	15.258 *	18.389 *
3	4.230 *	5.660 *	11.428 *	8.116 *	32.547 *	138.345 *	35.908 *	57.415 *	19.674 *	6.232 *	15.741 *	16.429 *
4	3.645 *	6.232 *	12.434 *	9.151 *	26.117 *	26.127 *	27.331 *	52.725 *	21.535 *	6.232 *	13.912 *	14.809 *
5	3.536 *	5.660 *	14.580 *	8.977 *	23.771 *	23.771 *	29.422 *	43.291 *	17.899 *	7.625 *	24.097 *	15.032 *
6	3.424 *	5.115 *	15.265 *	10.064 *	47.653 *	21.535 *	36.605 *	38.407 *	17.638 *	7.304 *	28.892 *	14.580 *
7	3.210 *	4.597 *	14.802 *	10.440 *	46.404 *	18.416 *	32.465 *	53.413 *	17.645 *	6.990 *	24.940 *	12.013 *
8	2.803 *	4.107 *	13.697 *	15.152 *	56.106 *	16.909 *	29.843 *	60.591 *	18.135 *	6.232 *	22.094 *	10.628 *
9	2.336 *	3.319 *	10.833 *	18.896 *	35.197 *	17.395 *	26.731 *	47.653 *	18.896 *	5.660 *	21.268 *	11.476 *
10	1.829 *	2.803 *	8.287 *	16.429 *	42.934 *	14.607 *	20.459 *	36.268 *	17.395 *	10.248 *	22.084 *	11.620 *
11	2.160 *	2.708 *	6.840 *	14.580 *	42.899 *	17.395 *	24.930 *	34.514 *	21.535 *	6.232 *	17.638 *	10.628 *
12	1.596 *	3.319 *	7.212 *	11.428 *	41.374 *	19.410 *	77.970 *	30.810 *	19.410 *	7.304 *	16.429 *	8.977 *
13	1.451 *	3.210 *	10.523 *	8.123 *	37.319 *	18.896 *	41.831 *	32.465 *	16.429 *	6.232 *	19.170 *	8.116 *
14	1.906 *	2.803 *	6.833 *	6.253 *	34.514 *	17.395 *	33.481 *	28.573 *	14.361 *	6.232 *	19.410 *	8.123 *
15	2.072 *	2.424 *	5.803 *	4.727 *	38.040 *	16.429 *	30.169 *	47.168 *	12.215 *	6.383 *	18.135 *	7.625 *
16	1.747 *	2.431 *	4.727 *	4.349 *	30.169 *	39.891 *	39.139 *	52.311 *	11.407 *	8.799 *	16.429 *	6.833 *
17	1.451 *	7.073 *	4.107 *	4.107 *	26.731 *	28.166 *	38.819 *	40.993 *	10.440 *	10.064 *	17.148 *	7.143 *
18	1.747 *	7.952 *	3.536 *	4.349 *	22.094 *	24.930 *	31.850 *	27.029 *	10.628 *	13.057 *	17.155 *	8.287 *
19	1.673 *	8.639 *	4.230 *	3.536 *	21.535 *	27.331 *	31.809 *	27.705 *	9.876 *	9.695 *	16.429 *	8.977 *
20	1.829 *	8.454 *	4.475 *	3.992 *	18.906 *	102.853 *	25.221 *	29.520 *	9.151 *	8.799 *	15.265 *	8.116 *
21	1.451 *	7.785 *	4.349 *	18.192 *	15.491 *	62.072 *	24.055 *	30.810 *	13.477 *	17.423 *	14.580 *	8.116 *
22	2.072 *	6.990 *	3.536 *	27.331 *	17.395 *	47.241 *	24.930 *	29.204 *	12.629 *	13.724 *	67.965 *	7.143 *
23	2.160 *	8.454 *	5.660 *	22.503 *	16.909 *	36.268 *	20.212 *	28.257 *	10.248 *	16.429 *	29.256 *	7.461 *
24	1.747 *	9.705 *	5.534 *	11.014 *	15.720 *	33.137 *	18.156 *	27.022 *	8.287 *	15.967 *	20.459 *	6.683 *
25	1.451 *	10.628 *	4.597 *	16.429 *	16.665 *	42.539 *	24.347 *	27.636 *	7.159 *	19.667 *	20.993 *	7.143 *
26	1.182 *	8.454 *	3.992 *	15.032 *	18.896 *	48.592 *	27.331 *	27.740 *	8.116 *	20.722 *	20.198 *	6.990 *
27	1.313 *	8.287 *	3.319 *	14.580 *	16.665 *	40.255 *	22.639 *	27.029 *	6.990 *	19.667 *	20.191 *	8.116 *
28	1.057 *	9.332 *	5.606 *	44.840 *	19.667 *	33.148 *	20.459 *	23.503 *	6.232 *	19.410 *	28.892 *	10.248 *
29	1.313 *		5.950 *	38.067 *	19.149 *	30.810 *	57.734 *	19.667 *	8.977 *	18.896 *	24.062 *	8.820 *
30	2.336 *		6.936 *	10.064 *	17.645 *	24.357 *	224.423 *	18.639 *	7.625 *	15.491 *	21.268 *	7.150 *
31	5.660 *		6.253 *		15.956 *		84.083 *	19.667 *		14.802 *		6.089 *
Caudal Max.	6.679 *	10.819 *	15.953 *	45.626 *	58.305 *	152.145 *	233.220 *	77.625 *	22.080 *	20.990 *	77.625 *	18.892 *
Día	1	25	6	28	8	3	30	7	4	26	22	2
Hora	17	17	17	7	7	7	7	17	7	7	7	7
Caudal Min.	0.997 *	2.156 *	3.105 *	3.315 *	15.028 *	13.262 *	16.905 *	18.385 *	6.086 *	5.520 *	13.693 *	5.799 *
Día	28	16	27	19	21	10	24	30	28	9	4	31
Hora	7	7	17	17	17	17	17	17	17	17	17	17
Caudal Medio	2.439	6.027	7.537	13.106	28.535	33.898	40.584	36.690	13.753	11.254	21.526	9.927

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



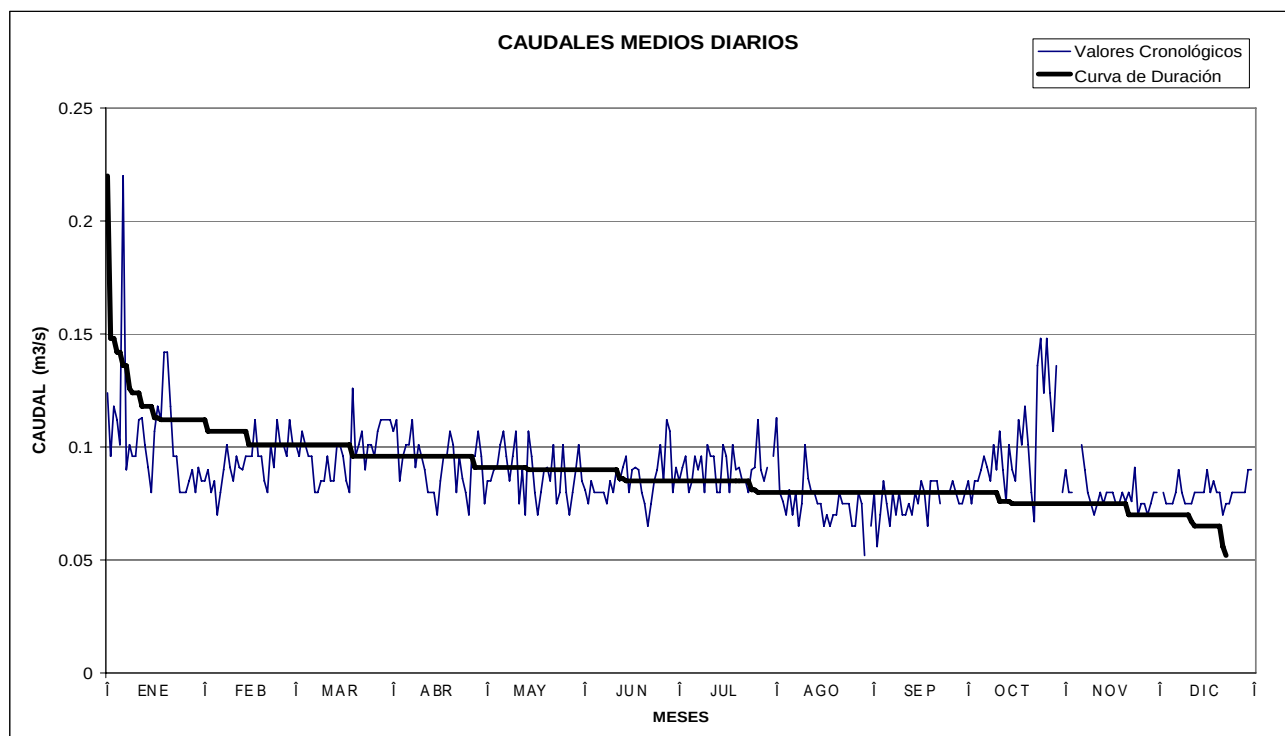
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H791	BALSACON EN SAN ANDRES											Area Drenaje:709 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.124 *	0.085 *	0.101 *	0.112 *	0.075 *	0.085 *	0.091 *	0.096 *	0.065 *	0.080 *	0.080 *	0.080 *
2	0.096 *	0.090 *	0.101 *	0.107 *	0.085 *	0.081 *	0.085 *	0.113 *	0.080 *	0.085 *	0.090 *	
3	0.118 *	0.080 *	0.096 *	0.112 *	0.085 *	0.075 *	0.091 *	0.080 *	0.056 *	0.075 *	0.080 *	0.080 *
4	0.112 *	0.085 *	0.107 *	0.085 *	0.090 *	0.085 *	0.096 *	0.076 *	0.070 *	0.085 *	0.080 *	0.075 *
5	0.101 *	0.070 *	0.101 *	0.096 *	0.091 *	0.080 *	0.080 *	0.070 *	0.085 *	0.085 *		0.075 *
6	0.220 *	0.080 *	0.096 *	0.101 *	0.101 *	0.080 *	0.085 *	0.081 *	0.075 *	0.090 *		0.075 *
7	0.090 *	0.090 *	0.096 *	0.101 *	0.107 *	0.080 *	0.096 *	0.070 *	0.065 *	0.096 *	0.101 *	0.080 *
8	0.101 *	0.101 *	0.080 *	0.112 *	0.096 *	0.080 *	0.090 *	0.080 *	0.080 *	0.091 *	0.090 *	0.090 *
9	0.096 *	0.091 *	0.080 *	0.091 *	0.085 *	0.075 *	0.096 *	0.065 *	0.070 *	0.085 *	0.080 *	0.080 *
10	0.096 *	0.085 *	0.085 *	0.101 *	0.096 *	0.085 *	0.080 *	0.075 *	0.080 *	0.101 *	0.075 *	0.075 *
11	0.112 *	0.096 *	0.085 *	0.096 *	0.107 *	0.080 *	0.101 *	0.101 *	0.070 *	0.090 *	0.070 *	0.075 *
12	0.113 *	0.091 *	0.096 *	0.090 *	0.075 *	0.090 *	0.096 *	0.086 *	0.070 *	0.107 *	0.075 *	0.075 *
13	0.101 *	0.090 *	0.085 *	0.080 *	0.090 *	0.085 *	0.096 *	0.080 *	0.075 *	0.090 *	0.080 *	0.080 *
14	0.091 *	0.096 *	0.085 *	0.080 *	0.070 *	0.091 *	0.080 *	0.080 *	0.070 *	0.076 *	0.075 *	0.080 *
15	0.080 *	0.096 *	0.101 *	0.080 *	0.107 *	0.096 *	0.080 *	0.075 *	0.080 *	0.101 *	0.080 *	0.080 *
16	0.107 *	0.096 *	0.101 *	0.070 *	0.096 *	0.080 *	0.101 *	0.075 *	0.075 *	0.090 *	0.080 *	0.080 *
17	0.118 *	0.112 *	0.096 *	0.085 *	0.080 *	0.090 *	0.096 *	0.065 *	0.085 *	0.085 *	0.080 *	0.090 *
18	0.112 *	0.096 *	0.085 *	0.096 *	0.070 *	0.091 *	0.080 *	0.070 *	0.080 *	0.112 *	0.075 *	0.080 *
19	0.142 *	0.096 *	0.080 *	0.096 *	0.080 *	0.090 *	0.101 *	0.065 *	0.065 *	0.101 *	0.075 *	0.085 *
20	0.142 *	0.085 *	0.126 *	0.107 *	0.090 *	0.080 *	0.090 *	0.070 *	0.085 *	0.118 *	0.080 *	0.080 *
21	0.118 *	0.080 *	0.096 *	0.101 *	0.091 *	0.075 *	0.091 *	0.070 *	0.085 *	0.101 *	0.076 *	0.080 *
22	0.096 *	0.101 *	0.101 *	0.080 *	0.085 *	0.065 *	0.085 *	0.080 *	0.085 *	0.080 *	0.080 *	0.070 *
23	0.096 *	0.091 *	0.107 *	0.096 *	0.101 *	0.075 *	0.085 *	0.075 *	0.075 *	0.067 *	0.076 *	0.075 *
24	0.080 *	0.112 *	0.090 *	0.086 *	0.075 *	0.085 *	0.080 *	0.075 *		0.136 *	0.091 *	0.075 *
25	0.080 *	0.101 *	0.101 *	0.080 *	0.080 *	0.090 *	0.090 *	0.075 *		0.148 *	0.070 *	0.080 *
26	0.080 *	0.101 *	0.101 *	0.070 *	0.101 *	0.101 *	0.091 *	0.065 *	0.080 *	0.124 *	0.075 *	0.080 *
27	0.085 *	0.096 *	0.096 *	0.096 *	0.080 *	0.085 *	0.112 *	0.065 *	0.085 *	0.148 *	0.075 *	0.080 *
28	0.090 *	0.112 *	0.107 *	0.096 *	0.070 *	0.112 *	0.090 *	0.080 *	0.080 *	0.124 *	0.070 *	0.080 *
29	0.080 *		0.112 *	0.107 *	0.080 *	0.107 *	0.085 *	0.075 *	0.075 *	0.107 *	0.075 *	0.080 *
30	0.091 *		0.112 *	0.096 *	0.090 *	0.080 *	0.091 *	0.052 *	0.075 *	0.136 *	0.080 *	0.090 *
31	0.085 *		0.112 *		0.101 *							0.090 *
Caudal Max.	0.339 *	0.112 *	0.161 *	0.112 *	0.112 *	0.112 *						
Día	6	vv	20	vv	8	28						
Hora	17		17		7	7						
Caudal Min.	0.070 *	0.070 *	0.070 *	0.061 *	0.070 *	0.061 *						
Día	29	5	9	26	vv	2						
Hora	7	17	7	17		17						
Caudal Medio	0.105	0.093	0.097	0.094	0.088	0.085	0.090	0.076	0.076	0.101	0.079	0.080

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

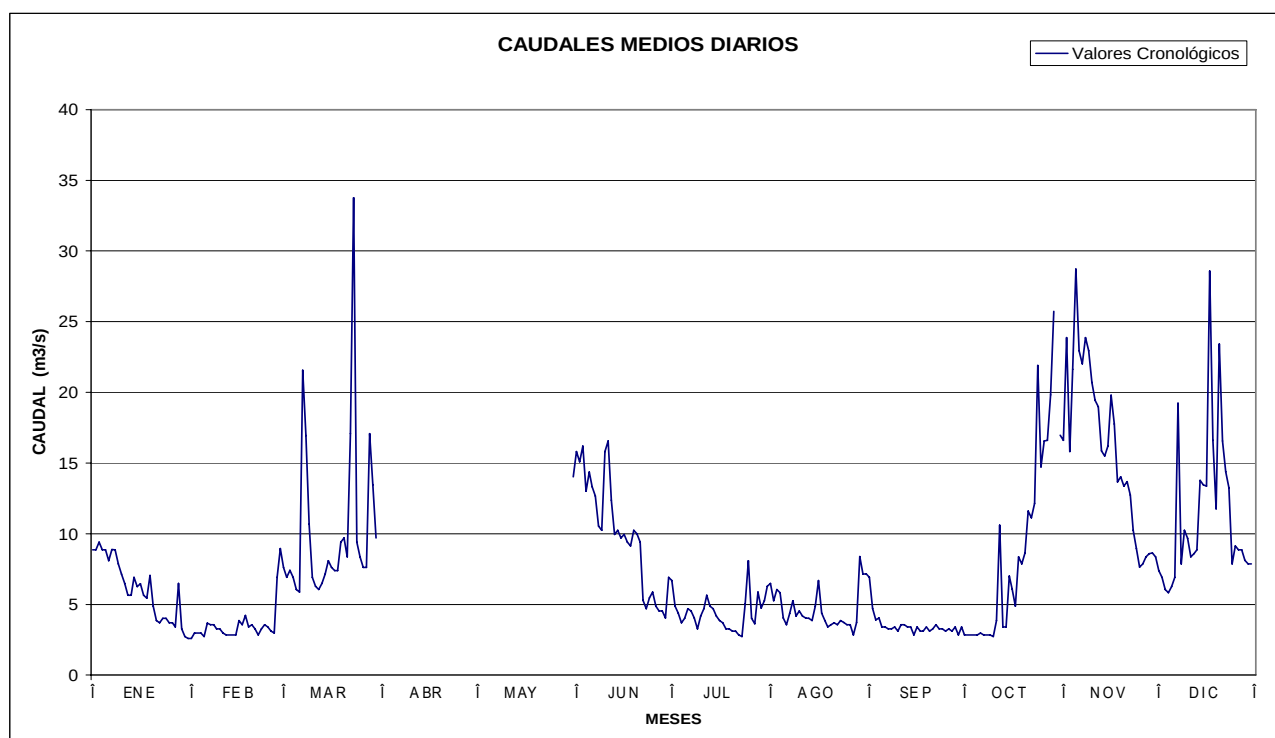


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H792	CUTUCHI AJ YANAYACU											Area Drenaje:2018 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	8.872 *	2.594 *	8.947 *			14.016 *	6.925 *	6.280 *	7.164 *	3.405 *	16.970 *	8.358 *
2	8.872 *	2.988 *	7.614 *			15.817 *	6.695 *	6.483 *	6.925 *	2.849 *	16.604 *	7.385 *
3	9.405 *	2.988 *	6.925 *			15.084 *	4.889 *	5.262 *	4.719 *	2.849 *	23.882 *	6.925 *
4	8.872 *	2.988 *	7.412 *			16.205 *	4.371 *	6.059 *	3.892 *	2.849 *	15.817 *	6.059 *
5	8.872 *	2.725 *	6.925 *			13.010 *	3.706 *	5.847 *	4.038 *	2.849 *	21.645 *	5.847 *
6	8.101 *	3.675 *	6.059 *			14.372 *	4.022 *	4.038 *	3.405 *	2.849 *	28.715 *	6.263 *
7	8.900 *	3.560 *	5.864 *			13.335 *	4.703 *	3.560 *	3.405 *	2.988 *	22.940 *	6.925 *
8	8.872 *	3.560 *	21.574 *			12.675 *	4.533 *	4.355 *	3.259 *	2.849 *	22.020 *	19.245 *
9	7.862 *	3.266 *	16.949 *			10.529 *	4.038 *	5.262 *	3.266 *	2.849 *	23.882 *	7.862 *
10	7.146 *	3.266 *	10.674 *			10.253 *	3.266 *	4.193 *	3.405 *	2.849 *	22.940 *	10.233 *
11	6.483 *	2.981 *	6.925 *			15.817 *	4.193 *	4.533 *	3.120 *	2.718 *	20.702 *	9.672 *
12	5.652 *	2.849 *	6.280 *			16.572 *	4.703 *	4.193 *	3.560 *	3.868 *	19.439 *	8.358 *
13	5.652 *	2.849 *	6.059 *			12.360 *	5.652 *	4.038 *	3.552 *	10.598 *	18.997 *	8.606 *
14	6.925 *	2.849 *	6.483 *			9.957 *	4.889 *	4.022 *	3.405 *	3.405 *	15.849 *	8.872 *
15	6.263 *	2.849 *	7.146 *			10.253 *	4.703 *	3.868 *	3.405 *	3.405 *	15.504 *	13.765 *
16	6.475 *	3.868 *	8.101 *			9.691 *	4.193 *	4.889 *	2.849 *	6.996 *	16.184 *	13.458 *
17	5.652 *	3.560 *	7.614 *			9.957 *	3.868 *	6.695 *	3.405 *	6.085 *	19.805 *	13.356 *
18	5.449 *	4.216 *	7.385 *			9.405 *	3.706 *	4.371 *	3.120 *	4.881 *	17.757 *	28.580 *
19	7.058 *	3.405 *	7.385 *			9.129 *	3.266 *	3.868 *	3.120 *	8.358 *	13.671 *	16.604 *
20	4.889 *	3.560 *	9.405 *			10.253 *	3.266 *	3.405 *	3.405 *	7.862 *	14.037 *	11.759 *
21	3.868 *	3.266 *	9.691 *			9.986 *	3.120 *	3.552 *	3.120 *	8.624 *	13.356 *	23.428 *
22	3.706 *	2.849 *	8.358 *			9.405 *	3.120 *	3.706 *	3.266 *	11.612 *	13.681 *	16.572 *
23	4.022 *	3.266 *	17.088 *			5.288 *	2.849 *	3.560 *	3.560 *	11.119 *	12.736 *	14.403 *
24	4.022 *	3.560 *	33.762 *			4.703 *	2.718 *	3.868 *	3.259 *	12.155 *	10.253 *	13.254 *
25	3.706 *	3.405 *	9.405 *			5.466 *	5.047 *	3.722 *	3.259 *	21.911 *	8.947 *	7.862 *
26	3.706 *	3.120 *	8.358 *			5.864 *	8.101 *	3.560 *	3.120 *	14.739 *	7.632 *	9.148 *
27	3.405 *	2.981 *	7.614 *			4.889 *	4.022 *	3.552 *	3.259 *	16.572 *	7.862 *	8.872 *
28	6.483 *	6.925 *	7.614 *			4.533 *	3.628 *	2.849 *	3.120 *	16.604 *	8.358 *	8.872 *
29	3.266 *		17.078 *			4.533 *	5.864 *	3.722 *	3.405 *	19.838 *	8.606 *	8.119 *
30	2.725 *		13.458 *			4.038 *	4.752 *	8.386 *	2.849 *	25.742 *	8.624 *	7.862 *
31	2.594 *		9.691 *				5.262 *	7.146 *				7.862 *
Caudal Max.	9.948 *	7.376 *	36.410 *			17.336 *	8.349 *	9.396 *	7.853 *		31.114 *	32.823 *
Día	3	28	24			4	26	30	1		6	18
Hora	7	7	17			7	7	7	7		7	7
Caudal Min.	2.469 *	2.469 *	5.254 *			3.552 *	2.718 *	2.718 *	2.718 *		6.916 *	5.644 *
Día	31	5	7			30	23	28	16		26	5
Hora	17	17	17			17	17	17	17		17	17
Caudal Medio	6.057	3.356	10.124			10.246	4.454	4.608	3.621	8.209	16.247	11.109

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

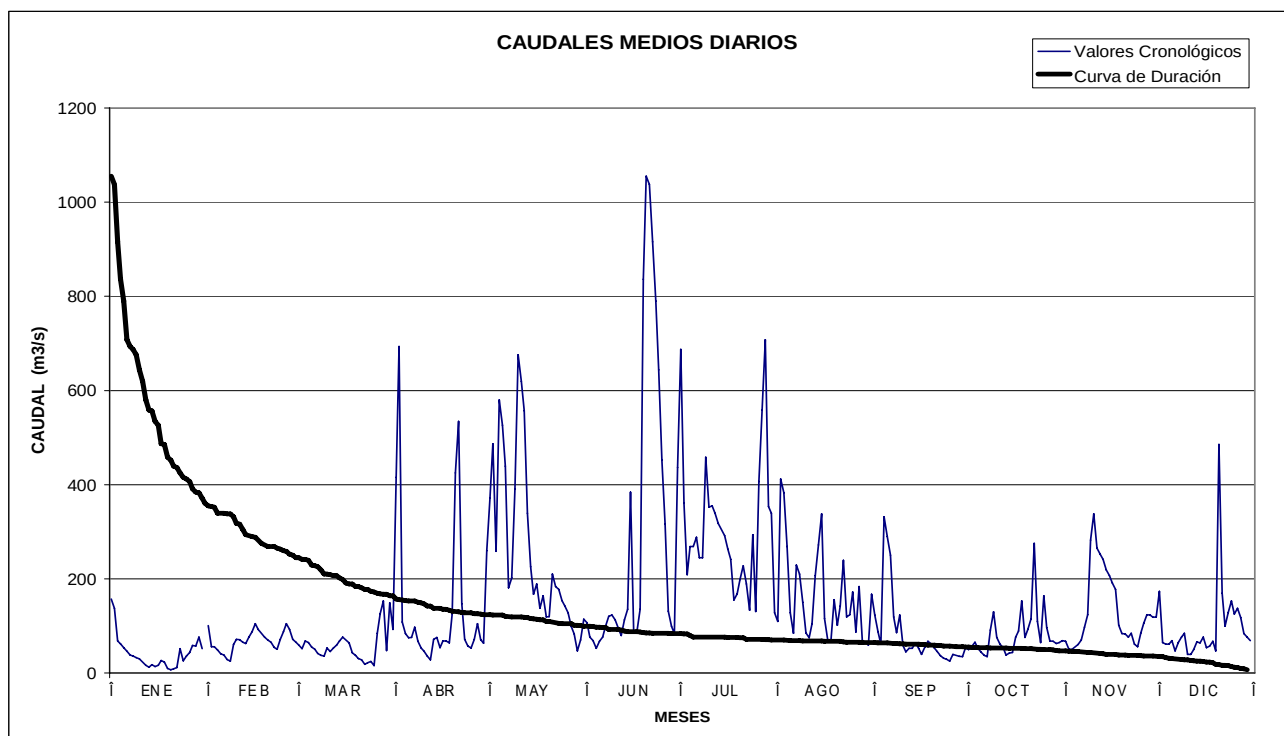


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H887	YACUAMBI AJ ZAMORA												Area Drenaje:1700 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	157.072 *	101.024 *	65.788 *	93.026 *	259.877 *	114.915 *	436.267 *	127.883 *	167.633 *	53.411 *	68.857 *	119.505 *	
2	137.374 *	56.241 *	59.890 *	415.651 *	371.441 *	106.854 *	687.250 *	109.554 *	123.181 *	49.932 *	67.311 *	173.539 *	
3	68.082 *	56.247 *	52.012 *	693.730 *	486.978 *	76.643 *	360.328 *	412.142 *	87.969 *	56.959 *	51.325 *	65.040 *	
4	62.056 *	49.251 *	68.082 *	108.620 *	258.598 *	68.835 *	209.050 *	383.097 *	61.320 *	65.788 *	49.473 *	61.355 *	
5	54.123 *	40.642 *	65.040 *	83.872 *	579.889 *	52.706 *	269.048 *	269.034 *	331.974 *	52.718 *	55.541 *	61.650 *	
6	46.593 *	38.090 *	55.529 *	75.042 *	526.429 *	67.311 *	269.048 *	127.883 *	289.776 *	44.551 *	60.637 *	68.857 *	
7	38.090 *	28.515 *	50.619 *	75.867 *	439.418 *	136.643 *	288.704 *	84.702 *	250.096 *	37.462 *	70.359 *	47.248 *	
8	36.220 *	25.697 *	41.918 *	97.462 *	180.771 *	99.849 *	245.320 *	229.242 *	119.235 *	35.000 *	97.379 *	65.034 *	
9	33.194 *	60.637 *	37.462 *	67.368 *	202.325 *	120.513 *	245.320 *	210.028 *	85.917 *	91.340 *	124.216 *	76.643 *	
10	30.225 *	71.905 *	36.220 *	53.430 *	391.307 *	123.172 *	458.474 *	150.542 *	123.172 *	130.193 *	282.331 *	84.702 *	
11	23.526 *	71.129 *	53.430 *	46.593 *	675.767 *	113.105 *	352.424 *	85.537 *	58.400 *	75.840 *	338.011 *	39.366 *	
12	16.782 *	65.788 *	45.880 *	36.227 *	619.355 *	97.257 *	354.985 *	75.064 *	45.205 *	61.355 *	265.453 *	39.639 *	
13	12.495 *	62.798 *	53.430 *	27.961 *	556.730 *	79.834 *	339.236 *	105.078 *	52.718 *	54.148 *	252.347 *	49.932 *	
14	17.491 *	76.643 *	59.866 *	71.905 *	339.262 *	113.177 *	317.361 *	207.039 *	52.718 *	38.745 *	241.816 *	66.547 *	
15	13.698 *	87.969 *	68.082 *	75.867 *	226.029 *	135.507 *	304.718 *	272.648 *	64.403 *	42.573 *	218.963 *	64.287 *	
16	16.782 *	105.078 *	76.643 *	53.800 *	167.267 *	384.444 *	292.249 *	337.928 *	52.718 *	43.981 *	206.683 *	76.643 *	
17	26.487 *	93.026 *	70.359 *	68.082 *	189.301 *	84.702 *	263.116 *	115.829 *	39.366 *	76.643 *	191.432 *	54.148 *	
18	23.454 *	84.681 *	64.287 *	68.082 *	137.644 *	87.969 *	241.936 *	70.370 *	54.823 *	88.929 *	177.631 *	57.677 *	
19	9.899 *	76.643 *	43.221 *	64.461 *	163.820 *	135.840 *	155.050 *	68.082 *	67.334 *	153.153 *	101.586 *	67.368 *	
20	7.210 *	70.359 *	37.462 *	126.149 *	119.505 *	836.475 *	168.284 *	155.873 *	62.062 *	75.840 *	83.872 *	47.248 *	
21	9.155 *	65.788 *	30.810 *	424.879 *	120.396 *	1054.864 *	199.016 *	101.605 *	53.411 *	93.026 *	83.069 *	485.447 *	
22	11.728 *	54.823 *	27.961 *	534.385 *	210.409 *	1037.819 *	228.002 *	142.332 *	45.906 *	115.029 *	76.643 *	169.547 *	
23	51.801 *	50.619 *	18.989 *	147.135 *	183.945 *	915.655 *	189.378 *	239.480 *	36.841 *	275.362 *	84.702 *	99.849 *	
24	25.893 *	71.905 *	22.465 *	71.690 *	177.631 *	790.591 *	133.527 *	119.486 *	31.403 *	109.748 *	61.355 *	129.041 *	
25	36.473 *	87.969 *	24.646 *	57.683 *	154.071 *	644.254 *	293.825 *	124.119 *	29.648 *	65.034 *	56.247 *	153.153 *	
26	43.902 *	105.078 *	16.001 *	53.430 *	142.199 *	451.934 *	130.810 *	171.888 *	25.697 *	164.030 *	85.496 *	125.149 *	
27	58.934 *	93.026 *	84.967 *	71.905 *	127.883 *	316.083 *	406.470 *	87.663 *	39.994 *	96.498 *	106.081 *	137.374 *	
28	57.502 *	71.905 *	126.133 *	104.691 *	98.994 *	131.734 *	558.393 *	184.165 *	37.462 *	68.082 *	124.216 *	117.672 *	
29	76.585 *		153.049 *	71.134 *	83.048 *	99.849 *	707.503 *	69.594 *	35.606 *	67.311 *	123.172 *	83.856 *	
30	52.031 *		47.941 *	63.545 *	47.248 *	83.872 *	353.762 *	65.788 *	34.993 *	62.809 *	118.577 *	76.643 *	
31			149.109 *		70.370 *		339.856 *	59.866 *		65.040 *		68.857 *	
Caudal Max.		114.910 *	155.045 *	774.589 *	690.504 *	1060.562 *	879.653 *	475.906 *	364.253 *	325.014 *	391.228 *	565.941 *	
Día		1	31	3	11	21	29	3	5	23	10	21	
Hora		7	7	7	7	17	17	17	7	17	7	7	
Caudal Min.		25.696 *	14.591 *	25.696 *	43.876 *	52.006 *	120.396 *	57.676 *	25.696 *	33.779 *	41.270 *	31.395 *	
Día		8	26	13	30	5	26	31	26	8	4	12	
Hora		7	17	17	17	17	17	17	17	17	7	7	
Caudal Medio	41.829	68.695	58.300	133.456	267.997	283.414	316.087	160.114	85.366	80.985	130.826	97.839	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



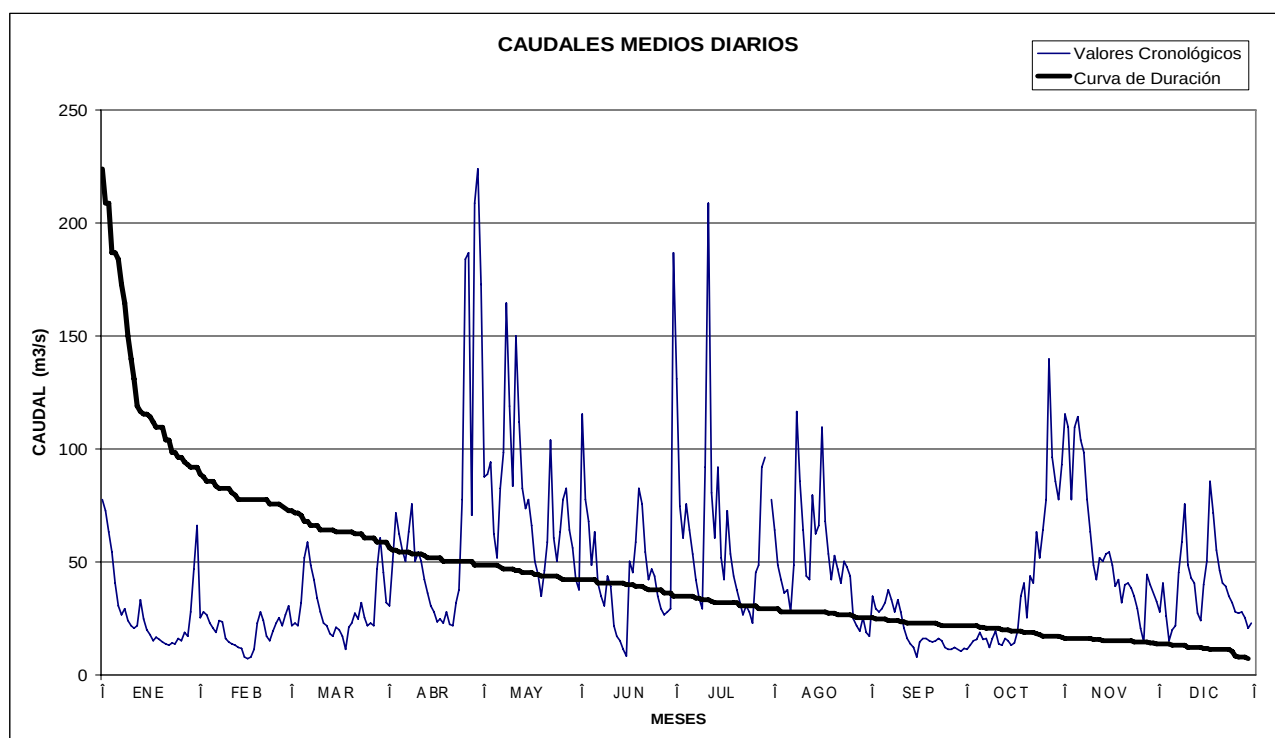
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H894	PAUTE EN PAUTE(DJ GUALACEO)												Area Drenaje:3680 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	77.620 *	25.437 *	30.652 *	32.018 *	172.852 *	37.723 *	186.873 *	77.620 *	17.300 *	11.839 *	93.084 *	32.710 *	
2	72.725 *	27.995 *	21.793 *	30.652 *	87.801 *	115.466 *	131.063 *	64.248 *	34.823 *	11.385 *	115.466 *	27.995 *	
3	63.333 *	26.703 *	22.982 *	50.263 *	88.847 *	77.620 *	74.668 *	48.615 *	29.311 *	13.243 *	109.685 *	40.719 *	
4	54.481 *	22.982 *	21.793 *	71.762 *	94.155 *	67.962 *	60.620 *	42.252 *	27.995 *	15.216 *	77.620 *	26.067 *	
5	40.719 *	20.630 *	32.018 *	62.423 *	62.423 *	48.615 *	75.647 *	36.334 *	29.311 *	15.727 *	109.685 *	15.216 *	
6	30.652 *	18.935 *	51.934 *	55.342 *	51.934 *	63.333 *	64.248 *	37.723 *	32.018 *	18.935 *	114.300 *	20.058 *	
7	26.703 *	24.197 *	58.839 *	50.263 *	82.646 *	40.719 *	53.627 *	27.995 *	37.723 *	15.727 *	104.027 *	21.793 *	
8	29.311 *	23.586 *	48.615 *	63.333 *	98.493 *	34.823 *	42.252 *	48.615 *	33.408 *	16.244 *	98.493 *	45.388 *	
9	24.197 *	16.244 *	42.252 *	75.647 *	164.656 *	30.652 *	34.112 *	116.637 *	27.995 *	12.300 *	77.620 *	58.839 *	
10	21.793 *	14.712 *	34.112 *	50.263 *	118.993 *	43.809 *	29.311 *	85.724 *	33.408 *	16.244 *	63.333 *	75.647 *	
11	20.630 *	13.726 *	27.995 *	54.481 *	83.667 *	39.210 *	92.017 *	64.248 *	27.995 *	19.493 *	48.615 *	48.615 *	
12	21.793 *	13.243 *	22.982 *	50.263 *	150.059 *	21.793 *	208.742 *	43.809 *	20.630 *	13.726 *	42.252 *	43.027 *	
13	33.408 *	12.300 *	21.793 *	42.252 *	111.983 *	17.300 *	80.620 *	42.252 *	16.244 *	13.243 *	51.934 *	40.719 *	
14	24.814 *	11.839 *	18.383 *	36.261 *	82.646 *	15.216 *	60.620 *	79.615 *	13.726 *	16.244 *	50.263 *	27.346 *	
15	20.058 *	8.023 *	17.300 *	30.652 *	73.694 *	11.385 *	92.017 *	62.423 *	12.300 *	15.216 *	53.627 *	24.197 *	
16	17.838 *	7.259 *	21.208 *	27.995 *	77.620 *	8.417 *	51.934 *	66.094 *	8.023 *	13.243 *	54.481 *	39.961 *	
17	15.216 *	8.023 *	20.058 *	23.586 *	66.094 *	50.263 *	42.252 *	109.685 *	14.712 *	14.216 *	48.615 *	50.263 *	
18	16.769 *	11.385 *	17.300 *	24.814 *	50.263 *	45.388 *	72.725 *	67.962 *	16.244 *	19.493 *	39.210 *	85.724 *	
19	15.727 *	22.982 *	11.385 *	22.982 *	44.595 *	58.839 *	53.627 *	53.627 *	16.244 *	34.823 *	42.252 *	71.762 *	
20	14.712 *	27.995 *	21.208 *	27.995 *	34.823 *	82.646 *	43.809 *	42.252 *	15.216 *	40.719 *	32.018 *	55.342 *	
21	13.726 *	24.197 *	22.982 *	22.384 *	46.186 *	75.647 *	37.723 *	52.777 *	14.712 *	25.437 *	39.961 *	46.186 *	
22	13.243 *	17.300 *	27.346 *	21.793 *	58.839 *	54.481 *	32.018 *	46.990 *	15.216 *	43.809 *	40.719 *	40.719 *	
23	14.216 *	15.216 *	24.814 *	32.018 *	104.027 *	42.252 *	26.703 *	40.719 *	16.244 *	40.719 *	38.464 *	39.210 *	
24	13.726 *	19.493 *	32.018 *	37.723 *	60.620 *	46.990 *	30.652 *	50.263 *	15.216 *	63.333 *	34.823 *	34.823 *	
25	16.244 *	22.982 *	25.437 *	77.620 *	50.263 *	43.809 *	27.995 *	47.800 *	12.300 *	51.934 *	29.311 *	32.018 *	
26	15.216 *	25.437 *	21.793 *	184.033 *	63.333 *	34.823 *	22.982 *	43.809 *	11.385 *	64.248 *	20.630 *	27.995 *	
27	18.935 *	21.793 *	22.982 *	186.873 *	77.620 *	29.311 *	45.388 *	24.814 *	11.385 *	77.620 *	14.712 *	27.346 *	
28	17.300 *	26.703 *	21.793 *	70.804 *	82.646 *	26.703 *	48.615 *	21.793 *	12.300 *	139.797 *	44.595 *	27.995 *	
29	27.995 *		46.990 *	208.742 *	64.248 *	27.995 *	92.017 *	19.493 *	11.385 *	96.314 *	39.961 *	25.437 *	
30	46.990 *		60.620 *	223.870 *	56.208 *	29.311 *	96.314 *	25.437 *	10.499 *	85.724 *	36.261 *	20.630 *	
31	66.094 *		45.388 *		42.252 *			18.935 *		77.620 *		22.982 *	
Caudal Max.	77.620 *	27.995 *	60.620 *	223.870 *	172.852 *	115.466 *		116.637 *	37.797 *	139.796 *	115.466 *	85.724 *	
Día	1	vv	30	30	1	2		9	7	28	2	18	
Hora	17		18	17	17	17		17	17	17	17	17	
Caudal Min.	13.243 *	7.259 *	11.385 *	21.792 *	34.823 *	8.417 *		18.935 *	8.023 *	11.385 *	14.712 *	15.216 *	
Día	22	16	19	22	20	16		31	1	2	27	5	
Hora	17	17	18	17	17	18		17	17	17	16	16	
Caudal Medio	29.232	18.975	29.573	64.970	80.790	44.083	67.040	51.954	19.842	35.930	58.867	38.604	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días

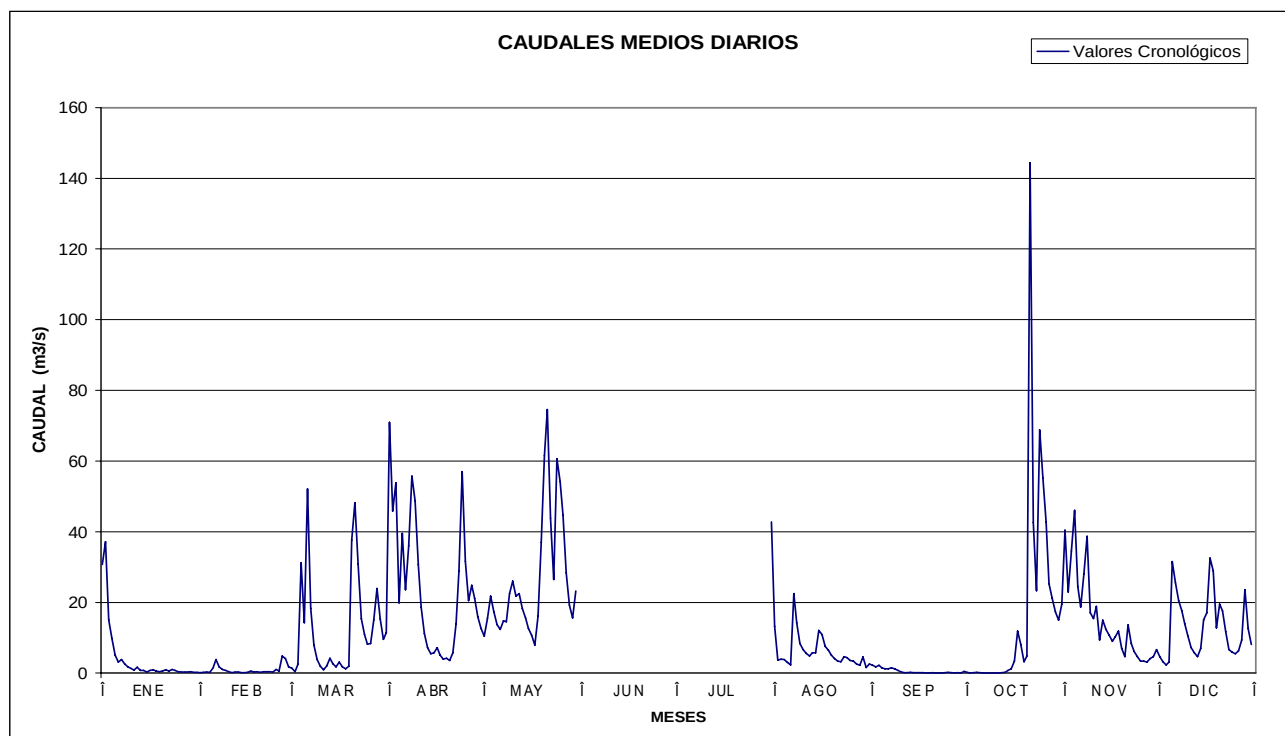


CAUDALES MEDIOS DIARIOS (m³/s)

2002

H895	TOMEBAMBA EN MONAY											Area Drenaje:1260 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	30.775 *	0.190 *	1.714 *	11.421 *	12.659 *			42.801 *	2.591 *	0.521 *	19.514 *	6.619 *
2	37.143 *	0.248 *	1.385 *	70.945 *	10.485 *			13.224 *	2.176 *	0.221 *	40.400 *	4.656 *
3	15.082 *	0.256 *	0.433 *	45.894 *	15.422 *			3.672 *	1.799 *	0.064 *	22.895 *	3.169 *
4	9.838 *	0.248 *	2.521 *	53.827 *	21.805 *			3.939 *	2.176 *	0.098 *	34.562 *	2.280 *
5	5.146 *	1.456 *	31.200 *	19.844 *	17.361 *			3.801 *	1.460 *	0.248 *	46.029 *	3.055 *
6	3.075 *	3.792 *	14.225 *	39.508 *	13.714 *			3.046 *	1.158 *	0.098 *	24.551 *	31.549 *
7	3.831 *	1.714 *	52.163 *	23.560 *	12.401 *			2.280 *	1.234 *	0.038 *	18.647 *	25.523 *
8	2.591 *	1.092 *	18.361 *	35.944 *	14.791 *			22.504 *	1.460 *	0.011 *	28.067 *	20.520 *
9	1.714 *	0.775 *	7.971 *	55.723 *	14.533 *			14.247 *	1.158 *	0.038 *	38.718 *	17.641 *
10	1.305 *	0.389 *	3.811 *	48.819 *	22.504 *			8.344 *	0.775 *	0.019 *	17.054 *	13.967 *
11	0.894 *	0.190 *	1.907 *	30.775 *	26.064 *			6.609 *	0.433 *	0.019 *	15.379 *	10.485 *
12	1.681 *	0.283 *	0.960 *	18.608 *	21.805 *			5.581 *	0.190 *	0.007 *	18.904 *	7.161 *
13	0.784 *	0.314 *	2.092 *	11.190 *	22.504 *			4.799 *	0.167 *	0.179 *	9.380 *	5.750 *
14	0.758 *	0.190 *	4.216 *	7.161 *	18.251 *			5.750 *	0.221 *	0.221 *	15.038 *	4.645 *
15	0.314 *	0.098 *	2.705 *	5.423 *	15.599 *			5.791 *	0.140 *	0.722 *	12.401 *	7.073 *
16	0.736 *	0.248 *	1.714 *	5.750 *	12.659 *			12.034 *	0.098 *	1.234 *	10.711 *	15.082 *
17	0.960 *	0.573 *	3.075 *	7.161 *	10.711 *			10.948 *	0.140 *	3.416 *	8.975 *	17.054 *
18	0.564 *	0.314 *	1.714 *	5.106 *	7.945 *			7.540 *	0.190 *	11.884 *	10.264 *	32.576 *
19	0.389 *	0.433 *	1.158 *	3.939 *	16.186 *			6.435 *	0.079 *	8.097 *	11.949 *	28.970 *
20	0.617 *	0.248 *	1.931 *	4.216 *	36.969 *			5.106 *	0.038 *	3.240 *	7.003 *	12.756 *
21	0.960 *	0.389 *	37.653 *	3.539 *	61.562 *			4.072 *	0.140 *	4.806 *	4.656 *	19.569 *
22	0.617 *	0.389 *	48.253 *	5.791 *	74.643 *			3.416 *	0.064 *	144.365 *	13.693 *	17.674 *
23	1.021 *	0.472 *	30.815 *	14.032 *	43.922 *			3.169 *	0.019 *	42.599 *	8.329 *	11.690 *
24	0.722 *	0.283 *	15.379 *	28.970 *	26.500 *			4.656 *	0.053 *	23.376 *	6.087 *	6.640 *
25	0.472 *	1.031 *	10.948 *	56.959 *	60.590 *			4.354 *	0.167 *	68.770 *	4.656 *	5.944 *
26	0.314 *	0.564 *	8.155 *	31.632 *	54.157 *			3.539 *	0.221 *	55.260 *	3.416 *	5.423 *
27	0.283 *	4.806 *	8.407 *	20.492 *	44.702 *			3.416 *	0.167 *	42.801 *	3.431 *	6.266 *
28	0.314 *	4.132 *	15.055 *	24.854 *	28.362 *			2.591 *	0.064 *	25.343 *	3.055 *	9.380 *
29	0.366 *		23.968 *	21.179 *	19.234 *			2.176 *	0.098 *	21.135 *	4.082 *	23.585 *
30	0.248 *		15.346 *	15.890 *	15.599 *			4.537 *	0.027 *	17.345 *	4.656 *	12.681 *
31	0.221 *		9.606 *		23.225 *			1.634 *		15.038 *		8.134 *
Caudal Max.	48.229 *	7.535 *	59.141 *	131.864 *	81.797 *			46.188 *	2.700 *	201.364 *	57.996 *	57.996 *
Día	2	27	7	2	22			1	1	22	5	6
Hora	7	18	7	18	8			8	7	18	7	18
Caudal Min.	0.163 *	0.079 *	0.349 *	3.411 *	7.156 *			1.380 *	0.011 *	0.003 *	2.700 *	2.077 *
Día	31	15	3	21	18			31	23	12	28	4
Hora	7	7	17	18	7			8	17	7	17	17
Caudal Medio	3.991	0.897	12.221	24.272	25.705			7.291	0.623	15.846	15.550	12.823

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS



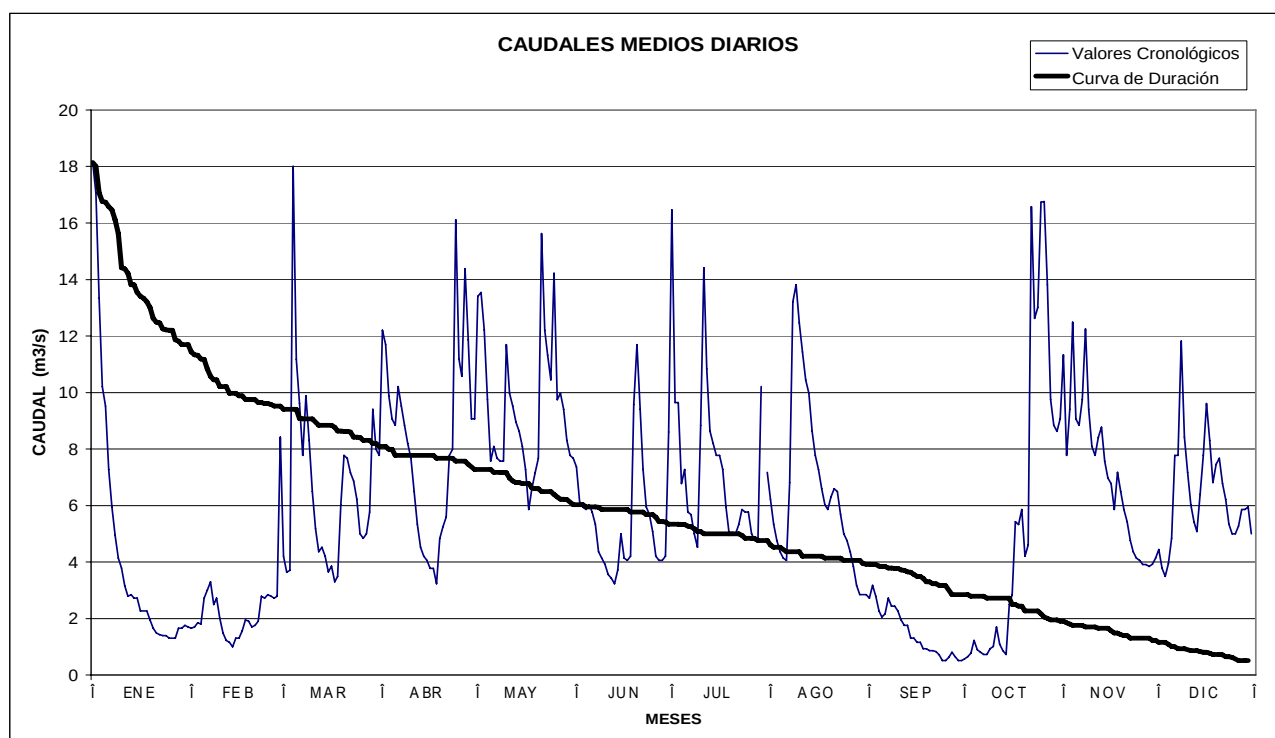
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H896	MATADERO EN SAYAUSI											Area Drenaje:312 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	18.146 *	1.663 *	8.421 *	7.777 *	9.065 *	7.674 *	8.599 *	7.177 *	2.849 *	0.516 *	9.078 *	4.140 *
2	17.069 *	1.711 *	4.214 *	12.206 *	13.415 *	7.371 *	16.470 *	6.230 *	2.728 *	0.569 *	11.331 *	4.446 *
3	13.341 *	1.860 *	3.635 *	11.697 *	13.549 *	6.126 *	9.649 *	5.340 *	3.173 *	0.651 *	7.777 *	3.781 *
4	10.217 *	1.809 *	3.706 *	9.881 *	12.219 *	5.945 *	9.649 *	4.760 *	2.789 *	0.773 *	9.406 *	3.497 *
5	9.522 *	2.729 *	18.000 *	9.065 *	9.760 *	5.856 *	6.781 *	4.367 *	2.270 *	1.233 *	12.495 *	3.954 *
6	7.279 *	3.008 *	11.168 *	8.843 *	7.572 *	6.037 *	7.279 *	4.140 *	2.057 *	0.901 *	9.065 *	4.839 *
7	5.948 *	3.299 *	9.608 *	10.217 *	8.092 *	5.767 *	5.767 *	4.065 *	2.163 *	0.803 *	8.843 *	7.777 *
8	4.947 *	2.499 *	7.777 *	9.522 *	7.674 *	5.340 *	5.679 *	6.816 *	2.728 *	0.739 *	9.747 *	7.777 *
9	4.140 *	2.728 *	9.881 *	8.843 *	7.572 *	4.367 *	5.000 *	13.216 *	2.440 *	0.739 *	12.258 *	11.823 *
10	3.781 *	2.014 *	8.310 *	8.195 *	7.572 *	4.140 *	4.520 *	13.819 *	2.440 *	0.935 *	9.406 *	8.421 *
11	3.165 *	1.488 *	6.499 *	7.674 *	11.697 *	3.921 *	8.843 *	12.468 *	2.270 *	1.006 *	8.092 *	7.177 *
12	2.789 *	1.233 *	5.188 *	6.499 *	9.980 *	3.566 *	14.416 *	11.439 *	1.954 *	1.711 *	7.777 *	6.037 *
13	2.849 *	1.154 *	4.367 *	5.340 *	9.522 *	3.430 *	10.836 *	10.455 *	1.758 *	1.090 *	8.408 *	5.422 *
14	2.728 *	1.005 *	4.520 *	4.520 *	8.954 *	3.230 *	8.630 *	9.980 *	1.758 *	0.867 *	8.776 *	5.083 *
15	2.728 *	1.313 *	4.214 *	4.214 *	8.625 *	3.722 *	8.195 *	8.630 *	1.313 *	0.739 *	7.572 *	6.388 *
16	2.270 *	1.313 *	3.648 *	4.065 *	8.092 *	5.000 *	7.777 *	7.777 *	1.313 *	2.499 *	6.975 *	7.777 *
17	2.270 *	1.573 *	3.856 *	3.776 *	7.279 *	4.140 *	7.777 *	7.279 *	1.154 *	2.849 *	6.781 *	9.608 *
18	2.270 *	1.954 *	3.299 *	3.776 *	5.856 *	4.065 *	7.279 *	6.592 *	1.154 *	5.428 *	5.856 *	8.310 *
19	1.954 *	1.907 *	3.497 *	3.230 *	6.625 *	4.214 *	5.948 *	6.037 *	0.935 *	5.334 *	7.177 *	6.816 *
20	1.663 *	1.711 *	6.037 *	4.837 *	7.171 *	9.583 *	5.000 *	5.856 *	0.935 *	5.856 *	6.499 *	7.460 *
21	1.483 *	1.758 *	7.777 *	5.253 *	7.674 *	11.697 *	5.000 *	6.310 *	0.867 *	4.214 *	5.856 *	7.674 *
22	1.440 *	1.907 *	7.674 *	5.592 *	15.629 *	9.406 *	5.000 *	6.592 *	0.867 *	4.607 *	5.428 *	6.781 *
23	1.397 *	2.789 *	7.171 *	7.777 *	12.206 *	7.279 *	5.334 *	6.499 *	0.834 *	16.578 *	4.760 *	6.217 *
24	1.397 *	2.728 *	6.878 *	7.986 *	11.314 *	5.948 *	5.856 *	5.679 *	0.712 *	12.629 *	4.367 *	5.340 *
25	1.313 *	2.849 *	6.230 *	16.112 *	10.455 *	5.679 *	5.767 *	5.000 *	0.516 *	13.013 *	4.140 *	5.000 *
26	1.313 *	2.789 *	5.000 *	11.188 *	14.221 *	5.083 *	5.767 *	4.760 *	0.516 *	16.738 *	4.065 *	5.000 *
27	1.313 *	2.728 *	4.839 *	10.576 *	9.747 *	4.214 *	5.000 *	4.367 *	0.622 *	16.761 *	3.919 *	5.267 *
28	1.663 *	2.789 *	5.000 *	14.386 *	9.980 *	4.065 *	4.757 *	3.850 *	0.803 *	13.819 *	3.919 *	5.856 *
29	1.663 *		5.767 *	11.863 *	9.412 *	4.065 *	4.839 *	3.173 *	0.651 *	9.760 *	3.848 *	5.856 *
30	1.758 *		9.406 *	9.065 *	8.310 *	4.214 *	10.217 *	2.849 *	0.516 *	8.843 *	3.921 *	5.948 *
31	1.711 *		7.986 *		7.777 *			2.849 *		8.625 *		5.000 *
Caudal Max.	18.306 *	3.635 *	18.954 *	18.954 *	17.987 *	14.952 *		15.243 *	3.497 *	19.613 *	15.243 *	12.206 *
Día	1	6	5	25	22	20		9	3	23	5	9
Hora	18	18	7	7	7	18		18	7	7	7	18
Caudal Min.	1.313 *	1.005 *	3.100 *	3.230 *	5.679 *	3.230 *		2.849 *	0.516 *	0.516 *	3.776 *	3.230 *
Día	vv	14	18	19	19	14		vv	vv	1	29	5
Hora		7	7	18	7	7				18	18	7
Caudal Medio	4.372	2.082	6.567	8.132	9.581	5.505	7.388	6.722	1.569	5.188	7.251	6.273

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



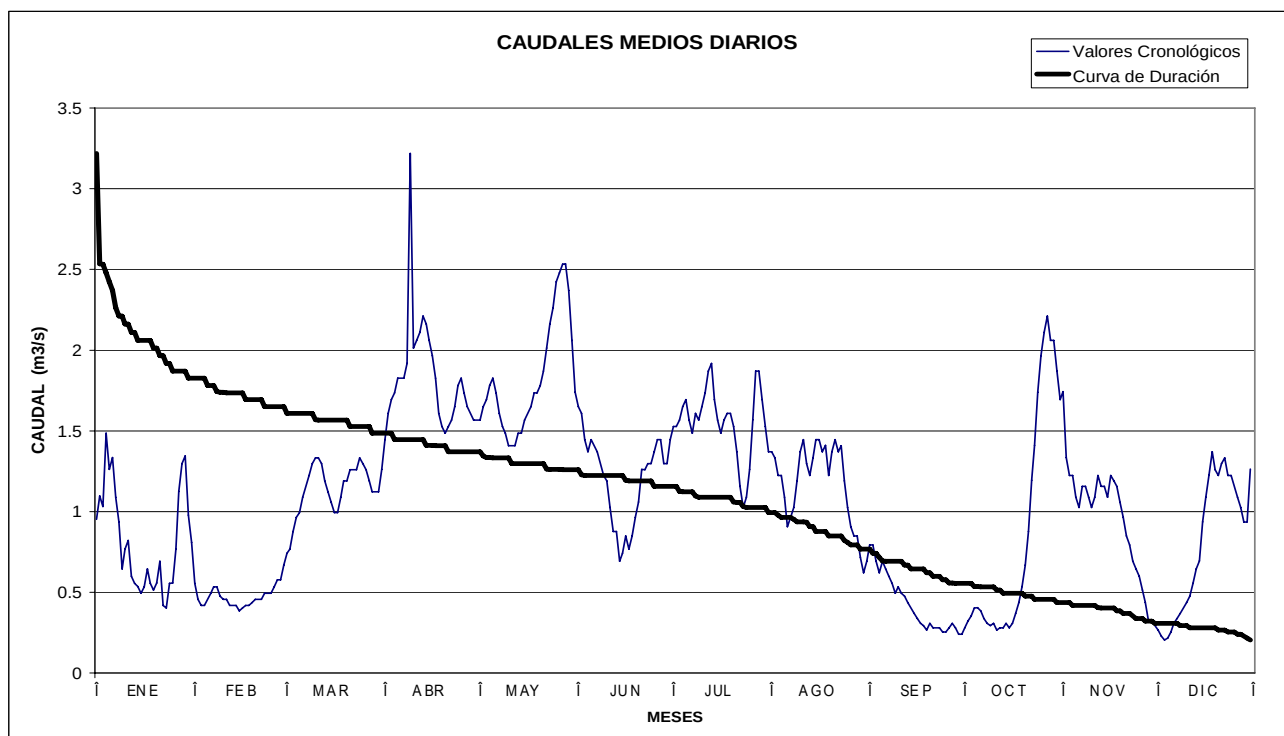
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H897	SURUCUCHO AJ LLULLUCCHAS											
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1	0.953 *	0.556 *	0.670 *	1.262 *	1.567 *	1.739 *	1.447 *	1.371 *	0.693 *	0.241 *	1.694 *	0.294 *
2	1.097 *	0.458 *	0.743 *	1.447 *	1.567 *	1.651 *	1.527 *	1.371 *	0.795 *	0.280 *	1.743 *	0.266 *
3	1.031 *	0.420 *	0.768 *	1.609 *	1.651 *	1.609 *	1.527 *	1.333 *	0.795 *	0.323 *	1.334 *	0.229 *
4	1.486 *	0.420 *	0.878 *	1.694 *	1.694 *	1.447 *	1.567 *	1.225 *	0.693 *	0.353 *	1.225 *	0.206 *
5	1.262 *	0.457 *	0.965 *	1.737 *	1.782 *	1.371 *	1.651 *	1.225 *	0.622 *	0.403 *	1.225 *	0.217 *
6	1.334 *	0.495 *	0.995 *	1.826 *	1.826 *	1.447 *	1.694 *	1.090 *	0.693 *	0.405 *	1.090 *	0.254 *
7	1.090 *	0.535 *	1.090 *	1.826 *	1.737 *	1.410 *	1.567 *	0.906 *	0.645 *	0.386 *	1.026 *	0.308 *
8	0.936 *	0.535 *	1.156 *	1.826 *	1.609 *	1.371 *	1.486 *	0.965 *	0.600 *	0.338 *	1.156 *	0.338 *
9	0.645 *	0.476 *	1.225 *	1.918 *	1.527 *	1.297 *	1.609 *	1.026 *	0.556 *	0.308 *	1.156 *	0.370 *
10	0.769 *	0.457 *	1.297 *	3.218 *	1.486 *	1.225 *	1.567 *	1.191 *	0.495 *	0.294 *	1.090 *	0.403 *
11	0.822 *	0.457 *	1.333 *	2.013 *	1.408 *	1.191 *	1.651 *	1.371 *	0.535 *	0.308 *	1.026 *	0.438 *
12	0.600 *	0.420 *	1.333 *	2.062 *	1.408 *	1.026 *	1.737 *	1.447 *	0.495 *	0.266 *	1.090 *	0.476 *
13	0.556 *	0.420 *	1.297 *	2.111 *	1.408 *	0.877 *	1.872 *	1.297 *	0.476 *	0.280 *	1.225 *	0.556 *
14	0.536 *	0.420 *	1.191 *	2.212 *	1.486 *	0.878 *	1.918 *	1.225 *	0.438 *	0.280 *	1.156 *	0.645 *
15	0.496 *	0.386 *	1.123 *	2.162 *	1.486 *	0.693 *	1.694 *	1.333 *	0.403 *	0.308 *	1.156 *	0.695 *
16	0.535 *	0.403 *	1.057 *	2.062 *	1.567 *	0.743 *	1.567 *	1.447 *	0.370 *	0.280 *	1.090 *	0.936 *
17	0.645 *	0.420 *	0.995 *	1.966 *	1.609 *	0.849 *	1.486 *	1.447 *	0.338 *	0.308 *	1.225 *	1.090 *
18	0.556 *	0.420 *	0.995 *	1.826 *	1.651 *	0.768 *	1.567 *	1.371 *	0.308 *	0.370 *	1.190 *	1.228 *
19	0.515 *	0.438 *	1.090 *	1.609 *	1.737 *	0.849 *	1.609 *	1.410 *	0.294 *	0.438 *	1.156 *	1.371 *
20	0.558 *	0.457 *	1.190 *	1.527 *	1.737 *	0.965 *	1.609 *	1.225 *	0.266 *	0.536 *	1.057 *	1.260 *
21	0.693 *	0.457 *	1.190 *	1.486 *	1.782 *	1.059 *	1.527 *	1.371 *	0.308 *	0.670 *	0.965 *	1.225 *
22	0.420 *	0.457 *	1.260 *	1.527 *	1.872 *	1.262 *	1.371 *	1.447 *	0.280 *	0.878 *	0.849 *	1.297 *
23	0.403 *	0.495 *	1.260 *	1.567 *	2.013 *	1.260 *	1.156 *	1.371 *	0.280 *	1.195 *	0.795 *	1.333 *
24	0.556 *	0.495 *	1.260 *	1.651 *	2.162 *	1.297 *	1.026 *	1.408 *	0.280 *	1.410 *	0.693 *	1.225 *
25	0.558 *	0.495 *	1.333 *	1.782 *	2.264 *	1.297 *	1.090 *	1.191 *	0.254 *	1.739 *	0.645 *	1.225 *
26	0.769 *	0.535 *	1.297 *	1.826 *	2.423 *	1.371 *	1.262 *	1.026 *	0.254 *	1.966 *	0.600 *	1.156 *
27	1.124 *	0.578 *	1.260 *	1.737 *	2.478 *	1.447 *	1.569 *	0.906 *	0.280 *	2.111 *	0.515 *	1.090 *
28	1.297 *	0.578 *	1.190 *	1.651 *	2.533 *	1.447 *	1.872 *	0.849 *	0.308 *	2.212 *	0.438 *	1.026 *
29	1.345 *		1.123 *	1.609 *	2.535 *	1.297 *	1.872 *	0.849 *	0.280 *	2.062 *	0.323 *	0.935 *
30	0.978 *		1.123 *	1.567 *	2.370 *	1.297 *	1.694 *	0.718 *	0.242 *	2.062 *	0.323 *	0.936 *
31	0.809 *		1.123 *		2.062 *		1.527 *	0.622 *		1.872 *		1.264 *
Caudal Max.	1.737 *	0.578 *	1.333 *	4.423 *	2.646 *	1.826 *	1.918 *	1.486 *	0.821 *	2.212 *	1.918 *	1.651 *
Día	2	vv	vv	10	29	1	13	17	3	28	2	31
Hora	18			6	6	6	6	6	6	6	18	6
Caudal Min.	0.386 *	0.386 *	0.622 *	1.190 *	1.408 *	0.668 *	0.995 *	0.622 *	0.217 *	0.241 *	0.323 *	0.194 *
Día	23	15	1	1	vv	15	24	31	30	1	vv	4
Hora	18	18	6	6		18	18	18	18	6		6
Caudal Medio	0.819	0.469	1.123	1.811	1.821	1.215	1.559	1.195	0.442	0.803	1.009	0.784

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



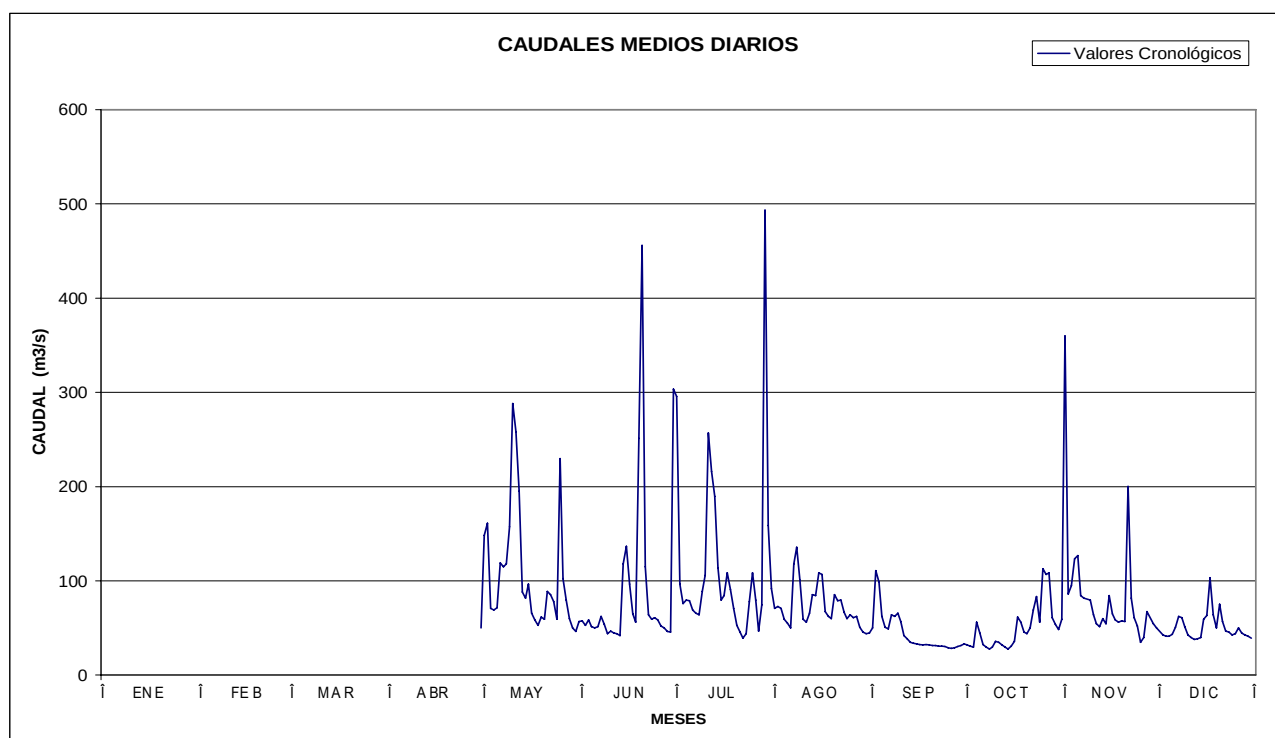
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H900	PAUTE AJ DUDAS											Area Drenaje:4110 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC
1					49.910 *	56.830 *	303.505 *	91.826 *	44.781 *	33.284 *	59.217 *	49.910 *
2					148.113 *	57.621 *	295.773 *	70.875 *	49.910 *	32.023 *	359.866 *	46.224 *
3					161.126 *	52.940 *	96.667 *	72.609 *	110.753 *	30.781 *	86.150 *	42.653 *
4					70.875 *	58.417 *	76.128 *	70.875 *	98.632 *	29.560 *	94.719 *	41.257 *
5					69.158 *	51.416 *	79.715 *	59.217 *	62.461 *	56.043 *	123.437 *	41.257 *
6					71.740 *	49.910 *	78.812 *	55.261 *	50.661 *	44.781 *	126.694 *	43.358 *
7					119.147 *	51.416 *	69.158 *	49.910 *	49.163 *	32.651 *	84.291 *	50.661 *
8					114.919 *	62.461 *	65.775 *	118.084 *	64.110 *	29.560 *	81.533 *	62.461 *
9					118.084 *	53.709 *	64.110 *	135.547 *	62.461 *	27.766 *	80.621 *	60.830 *
10					157.533 *	44.067 *	88.970 *	100.613 *	65.775 *	29.560 *	79.715 *	51.416 *
11					288.121 *	46.952 *	105.634 *	59.217 *	56.830 *	35.864 *	64.110 *	42.653 *
12					258.334 *	44.781 *	256.879 *	56.043 *	41.953 *	34.564 *	54.483 *	39.880 *
13					194.917 *	44.067 *	216.154 *	65.775 *	38.522 *	32.023 *	51.416 *	37.851 *
14					88.026 *	41.953 *	189.748 *	85.218 *	34.564 *	29.560 *	60.021 *	38.522 *
15					81.533 *	118.084 *	113.872 *	84.291 *	33.921 *	27.766 *	54.483 *	39.880 *
16					96.667 *	136.671 *	79.715 *	108.693 *	33.284 *	30.781 *	84.291 *	59.217 *
17					65.775 *	96.667 *	84.291 *	106.650 *	32.651 *	35.864 *	64.940 *	63.283 *
18					58.417 *	64.940 *	108.693 *	67.458 *	32.023 *	61.644 *	58.417 *	103.613 *
19					52.940 *	56.043 *	90.870 *	62.461 *	32.651 *	56.043 *	56.043 *	64.110 *
20					61.644 *	251.093 *	70.875 *	60.021 *	32.023 *	45.500 *	57.621 *	49.910 *
21					59.217 *	456.114 *	52.940 *	85.218 *	31.399 *	44.067 *	56.830 *	75.242 *
22					88.970 *	114.919 *	45.500 *	78.812 *	31.399 *	49.910 *	200.143 *	56.830 *
23					85.218 *	64.110 *	39.199 *	79.715 *	30.781 *	69.158 *	81.533 *	46.952 *
24					77.913 *	59.217 *	44.067 *	66.614 *	30.781 *	83.367 *	60.830 *	45.500 *
25					59.217 *	60.830 *	77.913 *	60.021 *	30.168 *	56.043 *	52.176 *	42.653 *
26					229.876 *	58.417 *	108.693 *	64.110 *	28.957 *	112.828 *	34.564 *	44.067 *
27					102.609 *	52.176 *	79.715 *	60.830 *	28.359 *	106.650 *	39.880 *	49.910 *
28					79.715 *	49.910 *	46.952 *	62.461 *	28.957 *	108.693 *	67.458 *	44.781 *
29					60.021 *	46.224 *	74.361 *	50.661 *	30.168 *	60.830 *	60.830 *	42.653 *
30					49.910 *	45.500 *	493.372 *	45.500 *	31.399 *	53.709 *	54.483 *	41.257 *
31					46.224 *		158.727 *	44.067 *		48.421 *		39.199 *
Caudal Max.					288.121 *	456.114 *	493.372 *	135.547 *	110.753 *	112.828 *	359.866 *	103.613 *
Día					11	21	30	9	3	26	2	18
Hora					8	8	8	8	7	8	8	7
Caudal Min.					46.223 *	41.952 *	39.199 *	44.067 *	28.359 *	27.766 *	34.564 *	37.851 *
Día					31	14	23	31	27	vv	26	13
Hora					9	7	7	6	7		7	7
Caudal Medio					105.351	81.582	121.186	73.505	44.317	49.332	83.026	50.258

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



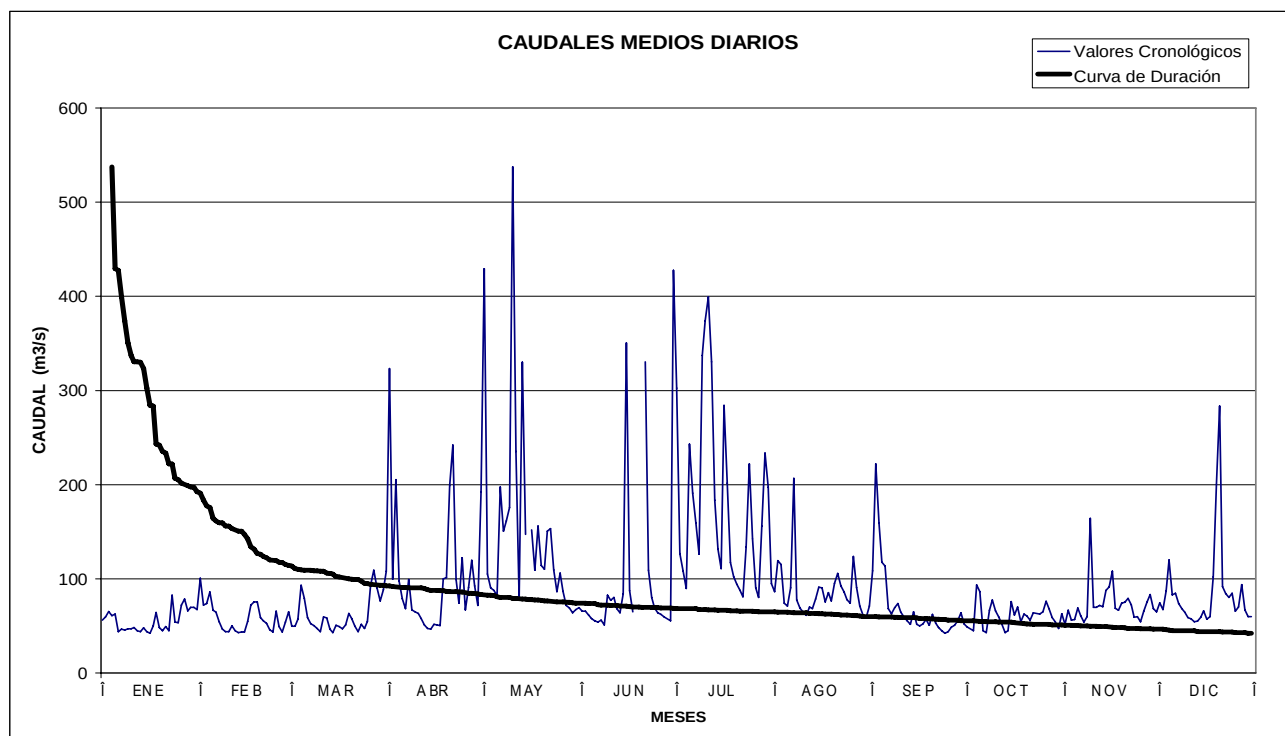
CAUDALES MEDIOS DIARIOS (m³/s)

2002

H912	YACUAMBI EN LA PAZ												Area Drenaje:960 km2
DIA	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	
1	56.436 *	100.887 *	64.951 *	108.253 *	192.567 *	69.675 *	427.612 *	95.033 *	71.086 *	52.075 *	63.100 *	65.262 *	
2	59.736 *	72.399 *	49.770 *	323.353 *	429.435 *	65.692 *	302.789 *	86.329 *	108.641 *	49.013 *	51.616 *	74.591 *	
3	65.354 *	73.783 *	49.779 *	99.791 *	105.405 *	65.704 *	126.766 *	119.379 *	222.314 *	47.144 *	66.597 *	67.450 *	
4	60.984 *	86.145 *	57.265 *	205.378 *	90.348 *	61.843 *	108.641 *	115.133 *	159.473 *	44.952 *	56.043 *	87.355 *	
5	62.678 *	66.580 *	93.209 *	97.708 *	87.803 *	58.065 *	89.842 *	74.243 *	117.747 *	93.498 *	57.075 *	120.021 *	
6	43.877 *	64.822 *	79.554 *	78.999 *	82.373 *	55.629 *	243.259 *	71.034 *	113.695 *	86.333 *	69.127 *	83.324 *	
7	46.777 *	54.442 *	58.924 *	68.349 *	197.642 *	54.034 *	191.241 *	90.483 *	68.331 *	44.952 *	61.019 *	84.811 *	
8	45.677 *	46.777 *	52.463 *	99.506 *	150.765 *	56.103 *	159.631 *	206.596 *	63.129 *	43.167 *	54.040 *	73.783 *	
9	47.150 *	43.877 *	50.533 *	67.005 *	161.358 *	51.301 *	126.331 *	77.582 *	69.675 *	66.852 *	60.161 *	68.331 *	
10	47.144 *	43.886 *	47.517 *	65.253 *	175.914 *	82.599 *	337.357 *	69.242 *	73.864 *	77.611 *	164.120 *	64.822 *	
11	48.271 *	50.148 *	44.250 *	63.525 *	537.319 *	77.123 *	374.032 *	64.822 *	64.822 *	66.135 *	69.699 *	58.895 *	
12	44.952 *	44.969 *	59.537 *	58.065 *	235.290 *	80.558 *	399.552 *	61.395 *	59.736 *	59.736 *	69.777 *	57.658 *	
13	43.877 *	43.190 *	58.618 *	51.301 *	77.942 *	68.389 *	330.416 *	70.124 *	55.647 *	51.743 *	71.997 *	54.433 *	
14	47.886 *	43.519 *	46.786 *	47.517 *	329.962 *	63.812 *	183.450 *	68.331 *	51.703 *	43.167 *	70.442 *	55.231 *	
15	44.250 *	43.525 *	43.167 *	46.777 *	147.432 *	84.045 *	131.860 *	78.651 *	65.253 *	44.969 *	87.908 *	59.314 *	
16	42.471 *	54.835 *	50.920 *	51.685 *	Crecida	350.706 *	110.961 *	91.272 *	51.685 *	76.092 *	91.643 *	66.135 *	
17	50.311 *	72.320 *	49.423 *	51.301 *	152.151 *	87.750 *	284.306 *	90.342 *	50.148 *	61.819 *	108.253 *	57.253 *	
18	64.395 *	75.697 *	47.179 *	50.533 *	109.217 *	65.253 *	201.615 *	75.761 *	52.075 *	69.963 *	68.849 *	60.137 *	
19	48.331 *	75.519 *	51.310 *	99.995 *	155.964 *	Crecida	117.349 *	85.354 *	56.843 *	54.442 *	66.562 *	102.215 *	
20	44.986 *	58.895 *	63.235 *	101.478 *	114.285 *	177.731 *	102.524 *	76.579 *	50.920 *	62.678 *	74.252 *	200.246 *	
21	49.394 *	55.629 *	57.797 *	199.071 *	110.319 *	Crecida	94.489 *	95.297 *	62.259 *	60.559 *	75.357 *	283.656 *	
22	44.957 *	52.855 *	49.871 *	242.083 *	150.780 *	330.503 *	87.827 *	105.841 *	53.263 *	56.441 *	79.450 *	92.026 *	
23	82.791 *	46.043 *	44.232 *	99.506 *	153.552 *	109.217 *	80.890 *	92.401 *	48.640 *	63.970 *	72.538 *	84.310 *	
24	54.052 *	43.519 *	51.685 *	74.243 *	109.743 *	80.401 *	134.157 *	86.294 *	44.957 *	63.525 *	59.314 *	80.401 *	
25	53.641 *	65.692 *	47.540 *	122.615 *	86.300 *	69.259 *	222.165 *	78.010 *	42.459 *	62.678 *	60.161 *	84.811 *	
26	72.026 *	49.423 *	54.829 *	67.028 *	106.085 *	63.952 *	142.467 *	74.243 *	43.877 *	65.253 *	54.442 *	65.692 *	
27	78.651 *	43.525 *	93.209 *	91.040 *	86.867 *	62.241 *	90.360 *	123.903 *	48.693 *	76.250 *	65.704 *	69.963 *	
28	66.135 *	54.052 *	109.287 *	119.866 *	71.945 *	59.724 *	80.413 *	90.951 *	50.920 *	68.389 *	75.313 *	93.963 *	
29	69.752 *		90.603 *	92.662 *	69.259 *	57.655 *	155.962 *	71.034 *	55.629 *	58.895 *	83.527 *	67.048 *	
30	69.719 *		76.637 *	71.945 *	63.952 *	55.629 *	233.533 *	61.819 *	63.952 *	54.040 *	68.389 *	60.161 *	
31	67.531 *		88.469 *		67.566 *		197.236 *	58.895 *		47.517 *		60.137 *	
Caudal Max.	Crecida	Crecida	Crecida	Crecida	Crecida	Crecida	492.258 *	240.538 *	257.532 *	109.144 *	228.987 *	416.559 *	
Día	23	1	28	2	16	vv	11	8	3	6	10	21	
Hora	7	7	17	17			18	17	7	17	7	7	
Caudal Min.	41.067 *	41.067 *	42.459 *	46.040 *	63.952 *	51.301 *	77.998 *	57.655 *	42.459 *	42.459 *	34.455 *	53.638 *	
Día	16	13	11	15	30	9	28	31	25	14	2	13	
Hora	17	17	17	17	18	7	18	17	7	17	17	17	
Caudal Medio	55.619	58.105	60.727	100.528	148.695	96.346	189.324	87.302	71.381	60.447	72.549	83.982	

NOTA: *CALCULADO CON DATOS LIMNIMETRICOS

vv = Evento registrado en varios días



REGISTRO DE AFOROS DE SEDIMENTOS EN SUSPENSIÓN
AÑO 2002

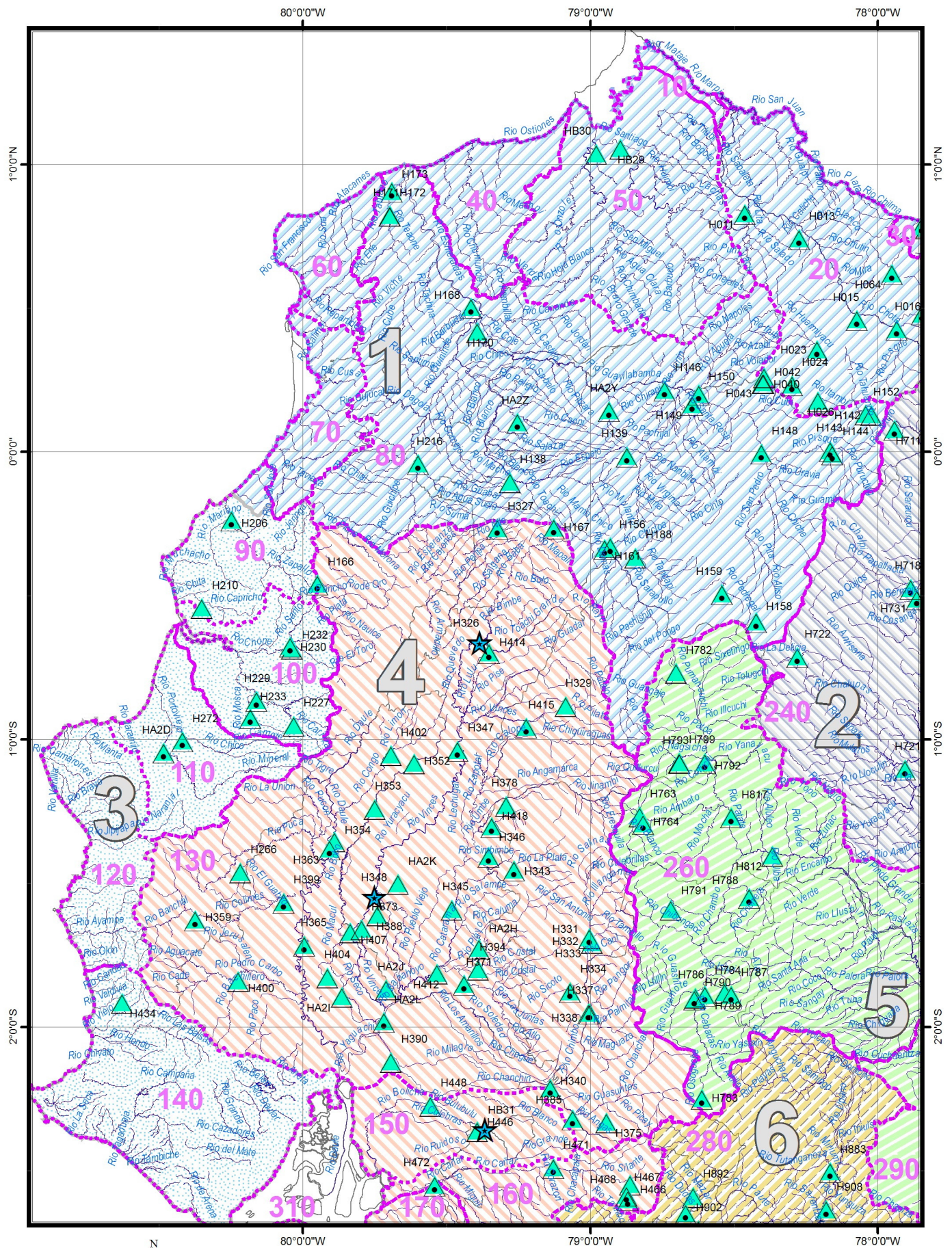
CUENCA	CÓDIGO ESTAC.	E S T A C I Ó N	FECHA	LECTURA LIMNIMET. (m)	CAUDAL (m3/s)	SEDIMENTOS	
						CONC.M. (Kg/m3)	GAS.SOL. (Kg/s)
MIRA	H-016	Apaquí A.J. Chota	02-07-21	1.85	6.201	0.0199	0.1234
	H-015	Chota en Pte. Carretera	02-07-24	3.00	40.269	0.4883	19.6634
	H-011	Mira en Lita	02-07-25	1.40	67.812	0.0371	2.5158
ESMERALDAS	H-139	Blanco en Los Bancos	02-08-15	0.24	18.367	0.048	0.8816
	H-138	Blanco D.J. Toachi	02-08-16	0.41	56.187	0.0164	0.9215
	H-168	Esmeraldas D.J. Sade	02-11-03	4.77	475.622	0.9753	463.8741
	H-143	Granobles A.J. Guachalá	02-08-01	0.82	3.696	0.0219	0.0809
	H-156	Pilatón A.J. Toachi	02-08-14	0.05	6.674	0.0194	0.1295
	H-159	San Pedro en Machachi	02-07-20	0.50	1.9690	0.0486	0.0957
	H-161	Toachi A.J. Pilatón	02-08-12	1.06	16.8080	0.0276	0.4639
	H-167	Toachi En Sto. Domingo	02-08-14	0.20	29.084	0.0286	0.8318
CHONE	H-229	Carrizal En Calceta	02-10-29	3.04	20.384	0.2051	4.1808
PORTOVIEJO	H-283	Portoviejo en Picoasa	02-10-25	0.76	3.247	0.0977	0.3172
GUAYAS	H-375	Chanchán En Huataxí	02-07-21	0.25	1.598	0.0724	0.1157
	H-340	Chimbo En Bucay	02-07-27	0.64	16.059	0.0428	0.6873
	H-338	Chimbo D.J. Pangor	02-07-22	0.42	8.182	0.0291	0.2381
	H-331	Chimbo En San Lorenzo	02-08-24	0.18	0.902	0.0251	0.0226
	H-365	Daule en La Capilla	02-10-08	2.83	104.942	0.0349	3.6625
	H-337	Pangor A.J. Chimbo	02-07-23	0.16	3.282	0.0373	0.1224
	H-347	Quevedo en Quevedo	02-11-02	0.83	20.418	0.1924	3.9284
CAÑAR	H-471	Cañar D.J. Raura	02-07-22	0.50	6.449	0.0561	0.3618
JUBONES	H-528	Jubones D.J. Minas	02-07-29	1.95	75.393	0.5672	42.7629
			02-11-08	1.00	30.599	0.2241	6.8572
	H-530	Jubones en Ushcurrumi	02-07-31	3.62	87.642	0.9196	80.5956
ARENILLAS	H-574	Arenillas en Arenillas	02-10-07	0.38	4.981	0.0364	0.1813
PUYANGO - TUMBEZ	H-591	Puyango En Pte. Carrtera	02-07-31	0.54	20.501	0.0891	1.8266
NAPO	H-ZN4	Napo En Pañacocha	02-01-26	-	1825.82	0.2979	543.9118
PASTAZA	H-790	Cebadas A.J. Guamote	02-07-19	1.53	25.882	0.0586	1.5167
	H-792	Cutuchi A.J. Yanayacu	02-07-28	0.31	3.116	0.0676	0.2106
	H-783	Ozogoche en Los Lagos	02-07-20	0.92	2.403	0.0559	0.1343
SANTIAGO	H-900	Paute A.J. Dudas	02-11-10	1.52	70.731	1.811	128.1009
	H-894	Paute D.J. Gualaceo	02-07-25	2.25	97.849	0.1305	12.7693
			02-11-02	1.71	40.622	0.1619	6.5767
	H-895	Tomebamba en Monay	02-07-26	0.45	8.715	0.4930	4.2965
	H-887	Yacuambi A.J. Zamora	02-09-17	0.80	60.283	0.0166	1.0007
	H-889	Zamora D.J. Sabanilla	02-09-18	0.70	48.890	0.0422	2.0632

REGISTRO DE ANÁLISIS FÍSICO-QUÍMICO
INFORMACIÓN RED HIDROQUÍMICA SUPERFICIAL DEL AÑO 2002

ESTACION	CÓDIGO ESTAC.	CÓDIGO PROV.	CLASE	FECHA	PARAMETROS DE CAMPO		PARAMETROS DE LABORATORIO																								INDICES	
					T. oC	CE µ/cm	A N I O N E S												C A T I O N E S										Cr+6 mg/l	SAR	CSR	
							pH	Turb. FTU	S.S. mg/l	A.T. mg/l	D.T. mg/l	NaCl mg/l	CO3H- mg/l	CO3= mg/l	SO4= mg/l	Cl- mg/l	NO3- mg/l	PO4= mg/l	F- mg/l	Na+ mg/l	K+ mg/l	Ca++ mg/l	Mg++ mg/l	Mn++ mg/l	NH4+ mg/l	Fe(T) mg/l						
CUENCA DEL RIO MIRA																																
	H-015	10	RIO	24/7/2002		92	7.45	5.0	10.0	20.0	34.0	46.0	20.0	0.0	14.0	2.00	1.20	0.017	0.03	0.27	1.80	1.05	6.40	4.32	0.10		0.14		0.000	0.10	-0.35	
	H-011	20	RIO	25/7/2002		157	6.10	2.0	28.0	45.0	49.0	79.0	45.0	0.0	18.0	5.00	1.90	0.006	0.30	0.30	5.90	0.60	10.00	5.76	0.10		0.12		0.000	0.40	-0.24	
	H-011	20	RIO	19/11/2002		174	6.82	49.0	119.0	60.0	66.0	87.0	60.0	0.0	23.0	7.50	4.10	0.005	0.00	0.36	7.30	1.42	19.20	4.32	0.10		0.16			0.40	-0.34	
CUENCA DEL RIO ESMERALDAS																																
	H-168	12.00	RIO	24/1/2002		105	7.15	5.0	22.0	40.0	40.0	53.0	40.00	0.00	11.0	2.50	1.40	0.012	0.58	0.43	2.64	1.58	10.00	3.60	0.00	0.14	0.08		0.010	0.18	-0.14	
	H-168	12.00	RIO	3/11/2002		133	7.65	20.0	10.0	56.0	70.0	67.0	56.00	0.00	14.0	5.00	5.90	0.025	0.31	0.34	2.10	1.64	12.00	9.60	0.30		0.18			0.10	-0.48	
	H-143	12.00	RIO	1/8/2002		135	6.00	2.0	4.0	56.0	60.0	68.0	56.00	0.00	17.0	2.50	2.50	0.004	0.44	0.19	2.00	2.15	12.00	7.20	0.10		0.17		0.000	0.10	-0.28	
	H-159	12.00	RIO	17/9/2002		130	6.97	2.0	3.0	42.0	50.0	65.0	42.00	0.00	2.0	6.00	3.60	0.024	0.07	0.36	3.40	1.90	10.00	6.00	0.10		0.04		0.000	0.20	-0.31	
	H-173	12.00	RIO	21/11/2002		434	8.05	2.0	4.0	136.0	176.0	217.0	136.00	0.00	80.0	13.00	1.60	0.012	0.54	0.49	14.20	4.80	53.60	10.08	0.00		0.02		0.000	0.50	-1.29	
	H-167	12.00	RIO	13/9/2002		181	7.30	0.0		65.0	74.0	91.0	65.00	0.00	12.0	10.50	0.11	0.013	0.47	0.55	2.20	1.42	20.80	5.28	0.10		0.06		0.000	0.10	-41.00	
CUENCA DEL RIO CHONE																																
	H-229	21	RIO	29/10/2002	25.4	550	6.83	2.0	22.0	180.0	90.0		180.0	0.0	390.0	1.50	6.30	2.050	0.81	0.55	211.37	5.00	27.20	5.28	0.20		11.25			9.69	1.15	
CUENCA DEL RIO GUAYAS																																
	H-338	22	RIO	23/7/2002		297	7.70	2.0	21.0	106.0	122.0	149.0	106.0	0.0	26.0	0.40	3.20	0.004	0.46	0.33	4.40	1.63	36.00	7.68	0.10		0.03		0.000	0.20	-0.70	
	H-340	23	RIO	17/7/2002		216	7.35	1.0		104.0	126.0	108.0	104.0	0.0	21.0	6.00	4.30	0.013	0.48	0.47	5.73	1.59	34.40	9.60	0.10		0.02		0.000	0.20	-0.82	
	H-365	22	RIO	8/10/2002		100	6.77	6.0	35.0	48.0	48.0	50.0	48.0	0.0	3.0	1.50	2.40	0.007	0.30	0.46	2.20	1.07	12.00	4.32	0.30		1.12		0.000	0.14	-0.17	
	H-337	23	RIO	23/7/2002		284	7.90	2.0	12.0	146.0	160.0	142.0	146.0	0.0	21.0	2.50	2.40	0.011	0.08	0.34	0.18	1.05	46.40	10.56	0.10		0.01		0.000	0.01	-0.81	
CUENCA DEL RIO CAÑAR																																
	H-471	17	RIO	22/7/2002	15.0	183	7.30	30.0	109.0	70.0	80.0	92.0	70.0	0.0	27.0	14.00	2.90	0.003	0.38	0.33	11.60	1.38	22.40	5.76	0.90		0.46		0.000	0.56	-0.45	
CUENCA DEL RIO JUBONES																																
	H-528	18	RIO	29/7/2002	22.8	520	6.82	123.0	648.0	20.0	22.0	26.0	20.0	0.0	0.0	2.50	5.70	0.022	0.05	0.19	1.66	1.18	5.60	1.92	0.40		0.18		0.000	0.15	-0.11	
	H-528	18	RIO	8/11/2002	15.0	580	7.36	180.0	280.0	52.0	174.0	290.0	52.0	0.0	185.0	31.50	2.30	0.038	0.03	0.91	47.86	1.29	52.80	10.08	0.10		0.06		1.58	1.58	-2.63	
	H-530	18	RIO	31/7/2002	15.0	53	6.45	35.0		14.0	20.0	26.0	14.0	0.0	5.0	3.00	0.00	0.010	0.12	0.29	0.33	1.27	5.60	1.44	0.70		0.42		0.000	0.03	-0.17	
CUENCA DEL RIO ARENILLAS																																
	H-574	24	RIO	10/7/2002		165	7.92		8.0	64.0	70.0	82.0	64.0	0.0	13.0	1.00	2.70	0.012	0.20	0.40	2.18	1.68	12.80	9.12	0.10		0.16		0.000	0.11	-0.35	
CUENCA DEL RIO PUYANGO																																
	H-587	24	RIO	21/10/2002		46	6.80	2.0	1.0	18.0	18.0	23.0	18.0	0.0	1.0	1.00	2.20	0.003	0.35	0.65	1.06	1.18	4.80	1.44	0.01		0.02		0.000	0.11	-0.06	
	H-591	24	RIO	31/7/2002		92	6.87	12.0		18.0	50.0	46.0	18.0	0.0	13.0	1.80	0.11	0.030	0.53	0.30	9.79	1.60	11.60	5.04	0.40		2.41		0.000	0.60	-0.70	
CUENCA DEL RIO PASTAZA																																
	H-222	16	Qda.	21/1/2002	9.4	131	7.85	1.0	21.0	72.0	59.0	66.0	72.0	0.0	0.0	1.00	0.00	0.001	0.41	0.36	0.32	1.65	14.00	5.76	0.10	0.20	0.95		0.000	0.02	0.00	
CUENCA DEL RIO SANTIAGO																																
	H-900	33.00	RIO	10/11/2002		173	6.78	64.0	418.0	52.0	72.0	87.0	52.0	0.0	13.0	9.00	5.40	0.034	0.33	0.07	2.40	1.60	24.00	2.88	0.00		0.80			0.12	-0.59	
	H-895	33	RIO	26/7/2002	13.0	94	6.00	1.0	15.0	38.0	40.0	47.0	38.0	0.0	2.0	8.50	6.80	0.001	0.34	0.25	1.69	1.20	12.80	1.92	0.00		0.18		0.000	0.12	-0.18	
	H-889	33.00	RIO	18/9/2002	17.4	31	5.20		35.0	14.0	14.0	15.0	14.0	0.0	1.0	5.00	2.60	0.008	0.01	0.27	1.92	1.08	3.60	1.20	0.20		0.20		0.000	0.22	-0.05	

ANEXOS

Mapas e Inventarios



SIMBOLOGÍA

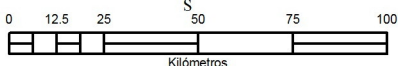
ESTACIONES HIDROLÓGICAS ZONAS HIDROLÓGICAS

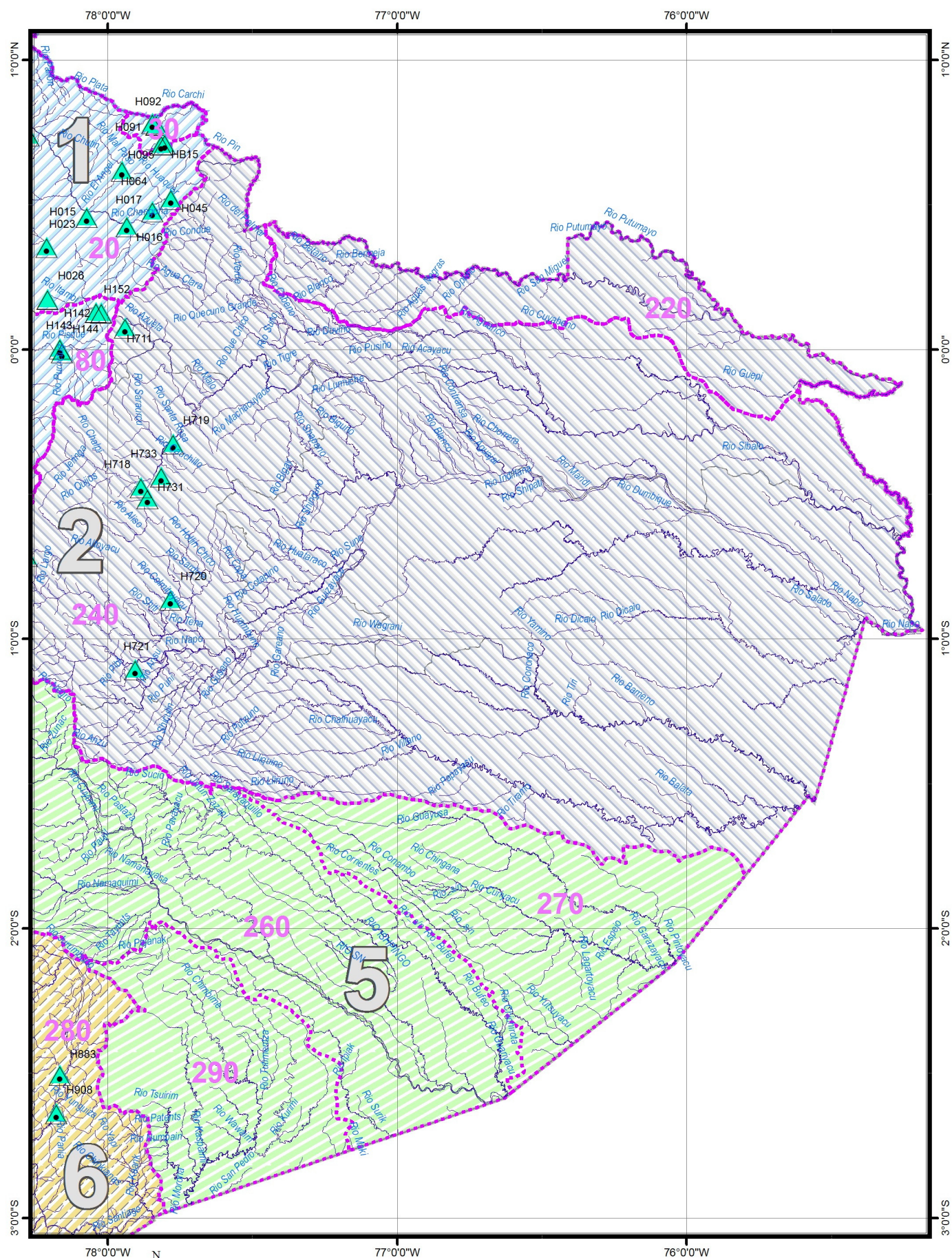
- ★ Automática Satelital
- ▲ Limnigráfica
- ▲ Limnimétrica

- 1 Esmeraldas
- 2 Napo
- 3 Chone

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

- Cuencas Hidrográficas





SIMBOLOGÍA

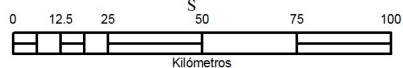
ESTACIONES HIDROLÓGICAS ZONAS HIDROLÓGICAS

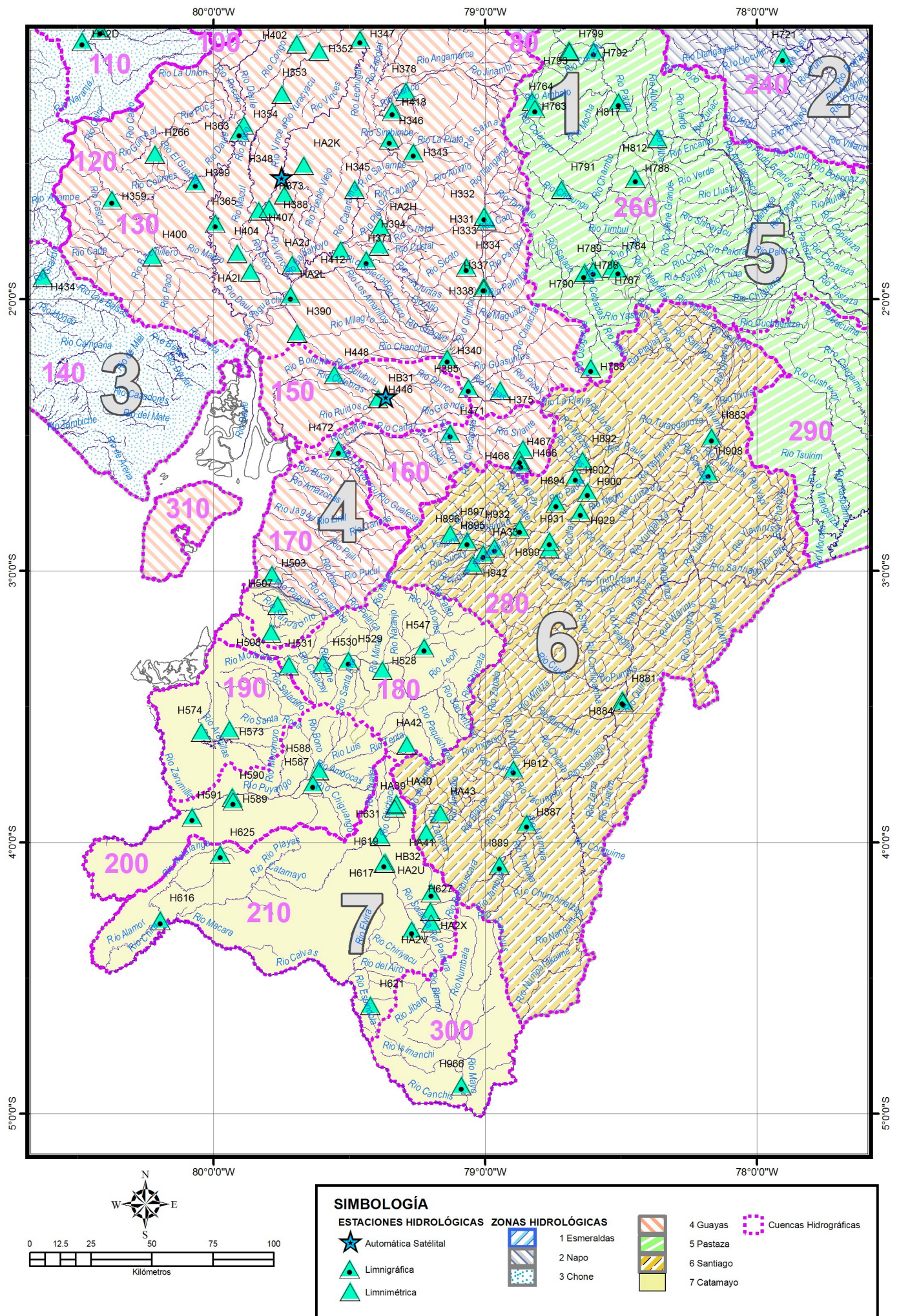
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○ Cuenas Hidrográficas





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			
H060	AMBI EN PLTA.ELEC.AMBI	LM	20	°	´	"		°	´	"		10	INAMHI		
H047	APAQUI A GRUTA LA PAZ #1	LG	20	°	´	"		°	´	"		4	INAMHI		
H048	APAQUI A GRUTA LA PAZ #2	LM	20	°	´	"		°	´	"		4	INAMHI		
H016	APAQUI AJ CHOTA	LG	20	0 °	26 ´	51 " N	77 °	56 ´	5 " W	1715	4	INAMHI			
H017	APAQUI D GRUTA LA PAZ #3	LG	20	0 °	30 ´	2 " N	77 °	50 ´	46 " W	2365	4	INAMHI			
H010	APAQUI DJ CUASMAL(CHAMIZO)	LM	20	0 °	32 ´	53 " N	77 °	46 ´	26 " W	2750	4	INAMHI			
H045	APAQUI DJ MINAS	LG	20	0 °	32 ´	32 " N	77 °	46 ´	55 " W	2650	4	INAMHI			
H049	APAQUI EN C.DE MAQUINAS	LM	20	0 °	27 ´	51 " N	77 °	55 ´	0 " W	1800	4	INAMHI			
H019	ATAL AJ APAQUI	LM	20	0 °	31 ´	47 " N	77 °	47 ´	46 " W	2790	4	INAMHI		10/1/1972	
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			
H024	BLANCO EN PTE.CARRETERA	LG	20	0 °	15 ´	14 " N	78 °	17 ´	57 " W		10	INAMHI			
H063	BOBO DEL ANGEL AJ CARIYACU	LM	20	0 °	38 ´	41 " N	77 °	56 ´	19 " W	3125	4	INAMHI			
H054	CANAL BOLANOS	LM	20	°	´	"		°	´	"		10			INAMHI
H030	CANAL MOLINO(R.PEGUCHE)	LM	20	0 °	13 ´	53 " N	78 °	13 ´	55 " W	2660	10	INAMHI			
H046	CANAL MONTUFAR	LM	20	°	´	"		°	´	"		4			INAMHI
H029	CANAL SAN ROQUE(R.PEGUCHE)	LM	20	0 °	13 ´	53 " N	78 °	13 ´	55 " W	2660	10	INAMHI			
H031	CANAL VICTORIA(R.JATUNYACU)	LM	20	0 °	15 ´	10 " N	78 °	15 ´	55 " W	2470	10	INAMHI			
H062	CARIYACU AJ MALPASO	LM	20	0 °	39 ´	41 " N	77 °	57 ´	1 " W	2975	4	INAMHI			
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			
H006	COLORADO	LM	20	0 °	42 ´	0 " N	77 °	58 ´	0 " W	3300	4	INERHI			
H069	CORDOVA 1	LM	20	0 °	22 ´	0 " N	77 °	51 ´	21 " W	2150	10	INERHI			
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			
H008	EL CARMEN	LM	20	0 °	23 ´	25 " N	77 °	51 ´	50 " W	2120	10	INERHI			
H067	ESPEJO	LM	20	0 °	22 ´	0 " N	77 °	51 ´	0 " W	2900	10	INERHI			
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			
H026	ITAMBI EN L.S.PABLO	LM	20	0 °	11 ´	50 " N	78 °	12 ´	32 " W	2650	10	INAMHI			
H025	JATUNYACU AJ BLANCO	LG	20	0 °	15 ´	10 " N	78 °	15 ´	55 " W	2470	10	INAMHI			
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			
H055	LAGUNA MOJANDA	LM	20	°	´	"		°	´	"		10			INAMHI
H012	LITA AJ MIRA	LG	20	0 °	50 ´	20 " N	78 °	27 ´	28 " W	505	10	INAMHI			
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			
H011	MIRA EN LITA	LG	20	0 °	50 ´	57 " N	78 °	27 ´	49 " W	475	8	INAMHI			
H073	MOJANDA	LM	20	0 °	9 ´	0 " N	78 °	16 ´	0 " W	3600	10	INERHI			
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			
H027	PEGUCHE EN VERTEDERO	LM	20	0 °	14 ´	3 " N	78 °	13 ´	58 " W	2655	10	INAMHI			
H070	PISQUE	LM	20	0 °	20 ´	0 " N	77 °	56 ´	0 " W	2100	10	INERHI			
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			
H052	QDA.JUAN IBARRA	LM	20	°	´	"		°	´	"		4	INAMHI		
H053	QDA.NUECES	LM	20	°	´	"		°	´	"		4	INAMHI		
H033	QDA.PIVARENCI	LM	20	0 °	12 ´	53 " N	78 °	14 ´	32 " W		10	INAMHI	8/1/1965	9/1/1974	
H051	QDA.PIZAN	LM	20	°	´	"		°	´	"		4			INAMHI
H035	QDA.PUNYARO EN OTAVALO	LM	20	0 °	13 ´	30 " N	78 °	15 ´	58 " W		10	INAMHI			
H036	QDA.ROSASPAMBA EN OTAVALO	LM	20	0 °	13 ´	18 " N	78 °	17 ´	15 " W		10	INAMHI			
H034	QDA.S.FRANCISCO EN OTAVALO	LM	20	0 °	13 ´	22 " N	78 °	17 ´	10 " W		10	INAMHI	8/1/1965	9/1/1974	
H050	QDA.S.MARTHA	LM	20	°	´	"		°	´	"		4			INAMHI
H021	QDA.TUNDAL	LM	20	0 °	30 ´	35 " N	77 °	48 ´	39 " W		4	INAMHI			
H009	RIO BLANCO IMBABURA	LM	20	0 °	17 ´	52 " N	77 °	54 ´	40 " W	2200	10	INERHI			
H022	SAN GABRIEL EN PTE.CARRETERA	LM	20	0 °	45 ´	10 " N	77 °	49 ´	38 " W	2850	4	INAMHI	11/1/1983		
H072	SAN MIGUEL	LM	20	0 °	22 ´	0 " N	77 °	51 ´	0 " W	2150	10	INERHI			
H074	SAN PABLO	LM	20	0 °	13 ´	0 " N	78 °	14 ´	10 " W	2740	10	INERHI			
H007	SANTIAGUILLO	LM	20	0 °	34 ´	0 " N	78 °	7 ´	0 " W	1140	10	INERHI			
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
H042	VERTEDERO #2	LM	20	0 °	16 ´	50 " N	78 °	23 ´	45 " W		10	INAMHI			
H043	VERTEDERO #3	LM	20	0 °	15 ´	43 " N	78 °	24 ´	4 " W	3180	10	INAMHI			
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			
H038	VERTEDERO PARSHAL #1	LM	20	°	´	"		°	´	"		10			INAMHI
H039	VERTEDERO PARSHAL #2	LM	20	°	´	"		°	´	"		10			INAMHI
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			
CUENCA DEL RÍO CARCHI															
H095	BOBO EN CHALPATAN	LG	30	0 °	43 ´	58 " N	77 °	48 ´	12 " W	3325	4	INAMHI	8/1/1965		
H093	BOBO EN PLTA.ELEC.TULCAN	LM	30	0 °	48 ´	58 " N	77 °	44 ´	55 " W	2880	4	INAMHI			
H092	CHICO AJ CARCHI	LM	30	0 °	47 ´	56 " N	77 °	49 ´	58 " W	3075	4	INAMHI			
H091	GRANDE AJ JATIVA	LG	30	0 °	48 ´	18 " N	77 °	50 ´	50 " W	3120	4	INAMHI			
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	GRANOLES AJ GUACHALA	LG	80	0 °	1 ' 33 "	N	78 °	10 ' 0 "	W	2750	17	INAMHI	4/1/1962	
H144	GUACHALA AJ GRANOLES	LG	80	0 °	0 ' 47 "	N	78 °	9 ' 30 "	W	2740	17	INAMHI	4/1/1954	
H211	GUAMARAL EN CARMITO	LM	80								13	CRM		
H170	GUAYLLABAMBA AJ BLANCO	LM	80	0 °	26 ' 19 "	N	79 °	23 ' 38 "	W	90	8	INAMHI	1/20/1974	
H145	GUAYLLABAMBA AJ CUBI	LG	80	0 °	5 ' 35 "	N	78 °	25 ' 40 "	W	1540	17	INAMHI	5/1/1964	
H146	GUAYLLABAMBA DJ ALAMBI	LG	80	0 °	14 ' 10 "	N	78 °	44 ' 30 "	W	625	10	INAMHI	12/1/1965	
H147	GUAYLLABAMBA DJ PACHIJAL	LG	80	0 °	13 ' 20 "	N	78 °	59 ' 36 "	W	410	17	INAMHI	12/1/1978	
H148	GUAYLLABAMBA DJ PISQUE	LG	80	0 °	0 ' 56 "	N	78 °	24 ' 18 "	W	1690	17	INAMHI	9/20/1978	
H200	GUAYLLABAMBA EN P.CARRETERA	LM	80	0 °	3 ' 55 "	S	78 °	22 ' 15 "	W		17	INERHI	3/1/1980	
H149	GUAYLLABAMBA EN PTE.CHACAPATA	LG	80	0 °	11 ' 6 "	N	78 °	38 ' 44 "	W	860	10	INAMHI	6/1/1978	
H150	INTAG DJ PAMPLONA	LG	80	0 °	13 ' 20 "	N	78 °	37 ' 25 "	W	1000	10	INAMHI	5/1/1976	
H176	INTAG EN APUELA	LG	80	0 °	21 ' 11 "	N	78 °	31 ' 0 "	W	1230	10	INAMHI	9/1/1963	9/1/1963
H151	INTAG EN BALZAPAMBA	LM	80	0 °	20 ' 12 "	N	78 °	32 ' 10 "	W		10	INAMHI	8/18/1980	
H201	JAMBELI EN P.CARRETERA	LM	80	0 °	34 ' 8 "	S	78 °	35 ' 33 "	W	3120	17	INERHI	6/1/1985	
H152	LA CHIMBA EN OLMEDO	LM	80	0 °	9 ' 3 "	N	78 °	2 ' 32 "	W	3096	17	INERHI	4/1/1974	
H153	LELIA DJ CRISTAL	LM	80	0 °	22 ' 14 "	S	79 °	1 ' 32 "	W	860	17	INAMHI	1/1/1967	1/1/1967
H189	MACHANGARA EN DOS PUENTES	LM	80								17	EMAPQ	1/6/1982	
H137	MACHANGARA EN GUAPULO	LG	80	0 °	12 ' 30 "	S	78 °	28 ' 32 "	W	2800	17	EMAPQ	7/2/1965	7/2/1965
H180	MONJAS AA PISCINAS	LM	80	0 °	0 ' 50 "	S	78 °	5 ' 30 "	W	3160	17	INAMHI	1/11/1973	1/11/1973
H154	MONJAS DJ QDA.COLORADA	LM	80	0 °	0 ' 52 "	S	78 °	25 ' 32 "	W	2270	17	INAMHI	8/1/1972	8/1/1972
H190	MONJAS EN EL COLEGIO	LM	80								17	INAMHI		
HA30	MULAUTE D.J. COCANIGUAS	LG	80	0 °	6 ' 25 "	N	79 °	0 ' 8 "	W	520	17	CPP		
HA2Y	PACHIJAL A.J. GUAYLLABAMBA	LG	80	0 °	9 ' 50 "	N	78 °	56 ' 6 "	W	520	17	CPP		
H202	PANTAVI	LG	80	0 °	28 ' 22 "	N	78 °	24 ' 0 "	W	3500	10	INERHI	1/1/1981	
H212	PARCAYACU EN EL COLEGIO	LG	80								17	EMAPQ	8/26/1981	
H174	PERLABI AJ GUAYLLABAMBA	LM	80								17	INAMHI	7/1/1985	
H156	PILATON AJ TOACHI	LG	80	0 °	18 ' 37 "	S	78 °	55 ' 52 "	W	890	17	INAMHI	2/1/1964	
H188	PILATON D.J. CHITOA (EN LA ESPERIE)	LM	80	0 °	20 ' 46 "	S	78 °	50 ' 36 "	W		17	INAMHI		
H155	PILATON DJ SACALZON(EN LA TOMA)	LM	80	0 °	21 ' 37 "	S	78 °	49 ' 50 "	W	1130	17	INAMHI	11/1/1973	11/1/1973
H178	PINNAN	LG	80	0 °	28 ' 55 "	N	78 °	25 ' 15 "	W	3040	10	INERHI	1/1/1981	
H184	PITA ABT PITATAMBO	LM	80	0 °	29 ' 14 "	S	78 °	25 ' 58 "	W	3340	17	INAMHI	9/5/1975	
H158	PITA AJ SALTO	LG	80	0 °	34 ' 15 "	S	78 °	25 ' 26 "	W	3550	17	INAMHI	8/1/1964	
H198	PITA EN TR.AL SAN PEDRO	LM	80	0 °	17 ' 58 "	S	78 °	27 ' 2 "	W		17	INERHI	10/1/1982	
H182	QDA.COLORADA AJ MONJAS	LM	80	0 °	0 ' 33 "	N	78 °	25 ' 50 "	W		17	INAMHI	8/1/1972	8/1/1972
H214	QDA.EL BATAN	LG	80								17	EMAPQ	8/26/1981	
H213	QDA.RUMIPAMBA EN RUMANACCHA	LG	80								17	EMAPQ	9/2/1981	
H181	QDA.S.FRANCISCO(R.PITA)	LM	80								17	INAMHI	8/1/1965	8/1/1965
H177	QUININDE EN QUININDE	LG	80	0 °	18 ' 45 "	N	79 °	28 ' 3 "	W	110	8	INAMHI	8/1/1982	
H215	SALTO DE LA LIBERTAD	LG	80								17	EMAPQ	8/26/1981	
H157	SAN PEDRO EN AMAGUANNA	LM	80	0 °	22 ' 50 "	S	78 °	30 ' 54 "	W		17	INERHI	10/23/1975	
H193	SAN PEDRO EN BAT.CHIMBORAZO	LM	80	0 °	20 ' 59 "	S	78 °	28 ' 9 "	W		17	INERHI	10/1/1982	
H159	SAN PEDRO EN MACHACHI	LG	80	0 °	28 ' 25 "	S	78 °	32 ' 34 "	W	2680	17	INAMHI	3/1/1964	
H195	SAN PEDRO EN P.CA TUMBACO	LM	80	0 °	12 ' 18 "	S	78 °	25 ' 15 "	W		17	INERHI	12/1/1982	
H192	SAN PEDRO EN P.EL MURCO	LM	80	0 °	25 ' 56 "	S	78 °	32 ' 42 "	W		17	INERHI	11/1/1982	
H199	SAN PEDRO EN P.HOLIDAY	LM	80	0 °	17 ' 51 "	S	78 °	27 ' 39 "	W		17	INERHI	12/1/1979	
H186	SAN PEDRO EN PTE.GUAPAC	LM	80	0 °	31 ' 46 "	S	78 °	32 ' 50 "	W	2920	17	INERHI	10/1/1975	
H185	SAN PEDRO EN PTE.LA INCA	LM	80	0 °	22 ' 30 "	S	78 °	30 ' 45 "	W	2600	17	INAMHI	10/1/1975	
H194	SAN PEDRO EN S.P.TOBOADO	LM	80	0 °	17 ' 53 "	S	78 °	27 ' 27 "	W		17	INERHI	11/1/1982	
H191	SAN PEDRO EN TESALIA-GUITIG	LM	80	0 °	30 ' 3 "	S	78 °	32 ' 25 "	W		17	INERHI	11/1/1982	
H196	SANTA CLARA AJ S.PEDRO	LM	80	0 °	20 ' 37 "	S	78 °	25 ' 33 "	W		17	INERHI	10/1/1982	
H160	SARAPULLO AJ TOACHI	LG	80	0 °	23 ' 38 "	S	78 °	53 ' 38 "	W	1020	17	INAMHI	10/1/1967	
H171	SUBERE AJ TEAONE	LM	80	0 °	50 ' 36 "	N	79 °	41 ' 50 "	W		8	INAMHI	3/1/1976	
H173	TEAONE AJ ESMERALDAS	LG	80	0 °	55 ' 35 "	N	79 °	41 ' 29 "	W		8	INAMHI	1/10/1976	
H172	TEAONE DJ TABIAZO	LM	80	0 °	50 ' 37 "	N	79 °	41 ' 55 "	W	16	8	INAMHI	2/15/1974	2/15/1974
H165	TOACHI AJ ALLURIQUIN	LM	80	0 °	18 ' 59 "	S	78 °	59 ' 16 "	W	850	17	INAMHI	8/1/1966	8/1/1966
H187	TOACHI AJ LAS JUNTAS	LM	80								5	INAMHI		
H161	TOACHI AJ PILATON	LG	80	0 °	18 ' 56 "	S	78 °	57 ' 5 "	W	820	17	INAMHI	1/1/1964	
H164	TOACHI DJ PAXILLIN	LG	80	0 °	39 ' 8 "	S	78 °	52 ' 51 "	W	2250	5	INAMHI	3/1/1968	
H163	TOACHI DJ SARAPULLO	LG	80	0 °	21 ' 43 "	S	78 °	54 ' 50 "	W	950	17	INAMHI	1/1/1973	
H166	TOACHI EN LAS PAMPAS	LG	80	0 °	26 ' 23 "	S	79 °	56 ' 58 "	W	1110	5	INAMHI	10/1/1966	

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CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS	GG	MM	SS					
H162	TOACHI EN PTE.MAGDALENA	LM	80	0 °	21 ´	52 " S	78 °	59 ´	30 " W	740	17	INAMHI	11/1/1973	
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	

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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						
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	
H343	ECHEANDIA EN ECHEANDIA	LG	130	1 °	26 ´	5 ´	S	79 °	15 ´	55 ´	W	425	2	INAMHI	12/1/1964	
H394	EMBARCADERO EN H.CLEM(POT-STA.ROSA)	LM	130	1 °	46 ´	49 ´	S	79 °	23 ´	29 ´	W	18	12	CEDEGE	12/1/1970	
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 BABAHYO	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	AMBICAS 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 INSTALACIÓN	FECHA DE LEVANTAMIENTO		
				GG	MM	SS	GG	MM	SS							
H628	CATAMAYO DJ GUAYABAL	LG	210	4 °	0	14 "	S	79 °	24	39 "	W	1120	11	INAMHI	1/1/1980	8/1/1974
H633	CATAMAYO EN LUCARQUI	LM	210										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	2/1/1981
H642	SAN AGUSTIN EN LA ERA	LM	210	4 °	7	41 "	S	79 °	17	37 "	W	1640	11	INERHI	2/1/1981	
H632	TRAPICHILLO EN CATAMAYO	LM	210	3 °	57	59 "	S	79 °	21	16 "	W	1325	11	INERHI	2/1/1982	
H627	UCHIMA AJ CHAMBA	LM	210	4 °	13	49 "	S	79 °	12	13 "	W	1544	11	INAMHI	12/1/1966	5/1/1975
HA2S	VICIN	LG	210	4 °	16	34 "	S	80 °	6	25 "	W	311	11	INAMHI		
H624	VILCABAMBA EN HDA.SANTORUM	LM	210	4 °	14	39 "	S	79 °	17	5 "	W	1440	11	INAMHI	5/1/1975	
H629	VILCABAMBA EN PTE.CARRETERA	LM	210	4 °	14	50 "	S	79 °	13	25 "	W		11	INAMHI	6/1/1981	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	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.MICACOCCHA	LM	240	°	5	51"	N	77°	56'	30"	W	3325	15	INAMHI	5/1/1960	5/1/1960
H711	ARTURO AJ AZUELA	LG	240	0°	7'	0"	N	77°	57'	40"	W	3417	17	INAMHI	4/1/1974	4/1/1974
H712	AZUELA AJ SAN PEDRO	LG	240	0°	19'	0"	S	77°	5'	2"	W	1400	15	INAMHI	4/1/1974	
H732	BOMBON AJ QUIJOS	LG	240	0°	19'	0"	S	77°	5'	2"	W	1400	15	INAMHI	4/4/1978	
H730	BOQUERON AJ AZUELA	LM	240	0°	6'	5"	N	77°	57'	2"	W	3373	17	INERHI	4/1/1974	4/1/1974
H723	BORJA AJ QUIJOS	LG	240	0°	25'	35"	S	77°	48'	48"	W	1620	15	INAMHI	3/1/1972	
H710	CHALUPAS EN CHALUPAS(AJ HUAHUI)	LG	240	0°	50'	23"	S	78°	16'	43"	W	3570	15	INERHI	12/1/1972	
H743	COCA AJ MACHACUYACU	LM	240	°				°					15	INAMHI		
H726	COCA AJ MALO(DJ SALADO)	LG	240	0°	8'	35"	S	77°	36'	16"	W	1250	15	INAMHI	9/1/1975	
H735	COCA EN CODO SINCLAIR	LG	240	0°	1'	0"	S	77°	20'	0"	W		15	INAMHI	3/25/1980	
H717	COCA EN LA GABARRA	LM	240	0°	5'	6"	S	77°	34'	0"	W		15	INAMHI	11/21/1978	
H740	COCA EN PRESA MALO	LM	240	°				°				4055	15	INAMHI		
H739	COCA EN PRESA SALADO	LM	240	°				°				1265	15	INAMHI		
H714	COCA EN SAN RAFAEL	LG	240	0°	6'	5"	S	77°	34'	32"	W	1160	15	INAMHI	11/1/1972	
H742	COCA EN SECCION 2	LM	240	°				°					15	INECEL		
H731	COSANGA AJ QUIJOS	LG	240	0°	29'	30"	S	77°	51'	50"	W	1740	15	INAMHI	11/1/1970	
H725	EL GOLPE EN AUCACOCCHA	LG	240	1°	7'	50"	S	78°	18'	24"	W	3440	18	INAMHI	1/1/1967	
HB25	FRANCISCO DE ORELLANA	LM	240	0°	26'	28"	S	76°	59'	21"	W	330	22	INAMHI	1/1/2004	
H721	JATUNYACU DJ ILOCULIN	LG	240	1°	5'	0"	S	77°	54'	20"	W	570	15	INAMHI	8/1/1966	
H758	LLANDIA EN KM.25 VIA NAPO	LG	240	°				°					15	INAMHI	1/1/1966	1/1/1966
H716	MALO AJ COCA	LM	240	0°	7'	25"	S	77°	36'	22"	W	1250	15	INAMHI	1/1/1979	
H720	MISAHUALLI EN COTUNDO	LG	240	0°	50'	30"	S	77°	47'	4"	W	800	15	INAMHI	1/1/1971	
H734	MULATOS AJ VERDEYACU	LG	240	1°	3'	0"	S	78°	3'	0"	W		15	INAMHI	6/22/1980	
HB23	NUEVA LOJA	LM	240	0°	2'	38"	N	76°	48'	29"	W	290	21	INAMHI	11/14/2001	
HB26	NUEVO ROCAFUERTE	LG	240	0°	55'	0"	S	75°	23'	46"	W	180	22	INAMHI	1/1/2004	
H729	OYACACHI AJ QUIJOS	LG	240	0°	18'	16"	S	77°	48'	30"	W	1520	15	INAMHI	6/1/1972	
HA2Q	PUERTO FRANCISCO DE ORELLANA	LM	240	0°	27'	0"	S	76°	56'	0"	W	298	15	ARMADA	9/1/1996	
H715	QUIJOS AJ BOMBON	LG	240	0°	17'	3"	S	77°	44'	5"	W	1380	15	INAMHI	7/17/1978	
H733	QUIJOS AJ BORJA	LG	240	0°	25'	3"	S	77°	49'	0"	W	1635	15	INAMHI	4/3/1978	
HA2F	QUIJOS D.J. PAPALLACTA	LM	240	0°	22'	5"	S	78°	9'	0"	W		15	INECEL		
H719	QUIJOS DJ OYACACHI	LG	240	0°	18'	10"	S	77°	46'	30"	W	1490	15	INAMHI	5/1/1965	
H736	QUIJOS DJ SALADO	LM	240	0°	7'	40"	S	77°	36'	0"	W	1100	15	INAMHI		
H718	QUIJOS EN BAEZA	LG	240	0°	27'	16"	S	77°	53'	11"	W	1770	15	INAMHI	6/1/1964	
H741	QUIJOS EN PRESA BALSAS	LM	240	°				°				1385	15	INAMHI		
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		
H728	SALADO AJ COCA(AJ GUAYTARINGO)	LG	240	0°	9'	10"	S	77°	39'	48"	W	1480	15	INAMHI	9/1/1975	9/1/1975
H713	SAN PEDRO AJ AZUELA	LM	240	0°	6'	21"	N	77°	57'	37"	W	3468	17	INERHI	4/1/1974	
HB24	SAN SEBASTIAN	LM	240	0°	20'	23"	S	77°	0'	19"	W	320	22	INAMHI	11/8/2002	
H727	SANTA ROSA AJ QUIJOS	LG	240	0°	18'	27"	S	77°	46'	48"	W	1420	15	INAMHI	8/15/1972	
H724	SARDINAS AJ QUIJOS	LG	240	0°	22'	11"	S	77°	48'	7"	W	1195	15	INAMHI	3/1/1972	
H759	VERDEYACU AJ MULATOS	LG	240	1°	2'	0"	S	78°	1'	0"	W		15	INAMHI	4/27/1982	
HA1Z	VTE.CHIRIMICHAY 1 EN COTOPAXI	LM	240	0°	42'	0"	S	78°	23'	0"	W	2685	15	INERHI	5/1/1975	
HA21	VTE.CHIRIMICHAY 2 EN COTOPAXI	LM	240	0°	42'	0"	S	78°	23'	0"	W	3570	15	INERHI	5/1/1975	
HA22	VTE.CHIRIMICHAY 3 EN COTOPAXI	LM	240	0°	42'	0"	S	78°	22'	0"	W	3495	15	INERHI	5/1/1975	
H722	YANAHURCO DJ VALLE	LG	240	0°	41'	30"	S	78°	16'	52"	W	3590	15	INAMHI	9/1/1964	

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CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD			LONGITUD			ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS	GG	MM	SS					
CUENCA DEL RÍO PASTAZA														
HA0F	AC.ALUMBRE HUAYCO #1 SA.CALLO	LM	260	0 °	46 ' 0 "	S	78 °	35 ' 0 "	W	2750	5	INERHI	12/1/1971	11/22/1971
HA0I	AC.ALUMBRE HUAYCO #2 SA.CALLO	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W	2740	5	INERHI	11/22/1971	
HA0J	AC.ALUMBRE HUAYCO #3 SA.CALLO	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W	2730	5	INERHI	11/22/1971	
HA0K	AC.ALUMBRE HUAYCO #4 SA.CALLO	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W	2715	5	INERHI	12/1/1971	
HA0W	AC.BAJA FERNANDEZ EN EL GALPON	LM	260	1 °	13 ' 25 "	S	78 °	39 ' 27 "	W	3170	18	INERHI	4/1/1984	
HA1J	AC.BELLAVISTA EN BELLAVISTA	LM	260	0 °	53 ' 0 "	S	78 °	36 ' 0 "	W	2680	5	INERHI	11/27/1971	
HA2A	AC.BUCHELI PALLATANGA(S.JUAN)	LM	260	°	'	"	°	'	"		18	INERHI	12/1/1968	
HA1U	AC.BUENAVENTURA AJ S.SILVESTRE	LM	260	0 °	53 ' 24 "	S	78 °	36 ' 44 "	W		5	INERHI	3/1/1972	
HA16	AC.CASIMIRO PAZMINNO	LM	260	1 °	26 ' 8 "	S	78 °	48 ' 46 "	W		6	INERHI	5/1/1981	
HA0X	AC.CHACON SEVILLA EN EL SUENNO	LM	260	1 °	15 ' 9 "	S	78 °	38 ' 53 "	W	2650	18	INERHI	5/1/1973	
HA0V	AC.CHACON VASCONEZ EN GALPON	LM	260	1 °	12 ' 51 "	S	78 °	42 ' 0 "	W	3340	18	INERHI	4/1/1984	
HA13	AC.CHIMBORAZO	LM	260	1 °	26 ' 31 "	S	78 °	48 ' 32 "	W		6	INERHI	1/1/1983	
HA0C	AC.CHIMBORAZO #1 SA.CALLO	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W	2880	5	INERHI	11/22/1971	
HA0E	AC.CHIMBORAZO #2 SA.CALLO	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W	2835	5	INERHI	11/22/1971	
HA1R	AC.CHIMBORAZO #3	LM	260	0 °	43 ' 31 "	S	78 °	35 ' 9 "	W		5	INERHI	11/1/1978	
HA0H	AC.CUTUCHI EN SAN RAFAEL	LM	260	0 °	44 ' 0 "	S	78 °	36 ' 0 "	W	2820	5	INERHI	11/1/1971	
HA0Y	AC.DARQUEA TILULUN	LM	260	1 °	15 ' 7 "	S	78 °	38 ' 53 "	W	2660	18	INERHI	5/1/1973	
HA0B	AC.DE LA LUZ EN SA.CALLO	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W	2985	5	INERHI	11/22/1971	
HA0A	AC.DEL PARAMO EN CTO.COLCAS	LM	260	0 °	42 ' 0 "	S	78 °	32 ' 0 "	W	3150	5	INERHI	5/7/1974	
HA1P	AC.DEL PUEBLO PATATE	LM	260	°	'	"	°	'	"		18	INERHI	5/1/1973	
HA0D	AC.DEL SIFON EN SA.CALLO	LM	260	0 °	43 ' 0 "	S	78 °	35 ' 0 "	W	2970	5	INERHI	3/15/1972	
HA1K	AC.EL CASPI EN CASPI(RINCONADA)	LM	260	0 °	43 ' 0 "	S	78 °	34 ' 0 "	W	2990	5	INERHI	2/1/1985	
HA1Q	AC.EL SIFON GRANDE	LM	260	0 °	43 ' 30 "	S	78 °	35 ' 9 "	W		5	INERHI	11/1/1971	
HA1B	AC.FINLANDIA EN J.GUANGO	LM	260	0 °	47 ' 0 "	S	78 °	35 ' 0 "	W	2750	5	INERHI	11/22/1971	
HA1H	AC.HIERBA BUENA EN J.GUANGO	LM	260	0 °	49 ' 0 "	S	78 °	36 ' 0 "	W	2743	5	INERHI	11/27/1971	
HA19	AC.JUAN MONTALVO CA MULALO	LM	260	0 °	46 ' 0 "	S	78 °	35 ' 0 "	W	2730	5	INERHI	11/27/1971	
HA1W	AC.JULIO MOLINA TQ.AG.PTBL.	LM	260	0 °	54 ' 0 "	S	78 °	36 ' 0 "	W	2610	5	INERHI	11/21/1971	
HA1I	AC.LA AVELINA EN P.COLORADA	LM	260	0 °	48 ' 0 "	S	78 °	36 ' 0 "	W	2740	5	INERHI	11/27/1971	
HA0G	AC.LA CIENEGA EN LASSO	LM	260	0 °	44 ' 0 "	S	78 °	36 ' 0 "	W	2825	5	INERHI	11/22/1971	
HA29	AC.LA RINCONADA	LM	260	0 °	41 ' 54 "	S	78 °	33 ' 43 "	W		5	INERHI	4/1/1978	
HA0O	AC.MANCHENO EN P.DIAMANTE	LM	260	0 °	44 ' 0 "	S	78 °	33 ' 0 "	W	2910	5	INERHI	11/17/1971	
HA1E	AC.MARCELO COBO EN J.GUANGO	LM	260	0 °	48 ' 0 "	S	78 °	36 ' 0 "	W	2690	5	INERHI	11/27/1971	
HA1A	AC.MARCELO COBO EN J.GUANGO	LM	260	0 °	47 ' 0 "	S	78 °	35 ' 0 "	W	2780	5	INERHI	11/17/1971	
HA2B	AC.MOCHA QUERO PELILEO(YAYULIQUI)	LM	260	°	'	"	°	'	"		18	INERHI	4/1/1969	
HA15	AC.MOCHA TISALEO CEVALLOS	LM	260	1 °	24 ' 40 "	S	78 °	41 ' 0 "	W	3460	18	INERHI	9/1/1975	
HA14	AC.OLALLA #1	LM	260	1 °	24 ' 22 "	S	78 °	41 ' 18 "	W	3560	18	INERHI	9/1/1975	
HA11	AC.OLALLA #2	LM	260	1 °	25 ' 8 "	S	78 °	40 ' 5 "	W	3240	18	INERHI	8/1/1975	
HA1O	AC.PACHANLICA	LM	260	1 °	20 ' 11 "	S	78 °	35 ' 19 "	W		18	INERHI	3/1/1983	
HA12	AC.PINGUILI	LM	260	1 °	24 ' 57 "	S	78 °	40 ' 5 "	W	3235	18	INERHI	8/27/1975	
HA0U	AC.PLTA.ELEC.LA AVELINA	LM	260	0 °	48 ' 0 "	S	78 °	37 ' 0 "	W	2745	5	INERHI	11/27/1971	
HA1T	AC.QUISINCHE	LM	260	0 °	47 ' 46 "	S	78 °	35 ' 32 "	W		5	INERHI	11/1/1971	
HA0S	AC.RAMIRO ESPINOZA CA MULALO	LM	260	0 °	47 ' 0 "	S	78 °	36 ' 0 "	W	2695	5	INERHI	11/1/1971	
HA17	AC.RAMIRO ESPINOZA CA MULALO	LM	260	0 °	47 ' 0 "	S	78 °	36 ' 0 "	W	2735	5	INERHI	11/27/1971	
HA0N	AC.RAMOS EN LASSO	LM	260	0 °	45 ' 0 "	S	78 °	36 ' 0 "	W	2823	5	INERHI	11/22/1971	
HA0M	AC.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	°	'	"	°	'	"		17	INAMHI		
H810	CANAL BUCHELI	LM	260	1 °	15 ' 51 "	S	78 °	40 ' 11 "	W	2880	18	INAMHI	10/1/1968	
H805	CANAL CHACON VASCONEZ	LM	260	1 °	12 ' 7 "	S	78 °	39 ' 35 "	W	3310	18	INERHI	10/1/1968	
H806	CANAL CISNEROS ALTA	LM	260	°	'	"	°	'	"		18	INAMHI	2/1/1969	
H804	CANAL CISNEROS BAJA	LM	260	°	'	"	°	'	"		18	INAMHI	2/1/1969	
H837	CANAL CUMBIJIN OD1(R.YANAYACU)	LM	260	°	'	"	°	'	"		18	INAMHI	5/1/1963	
H811	CANAL FERNANDEZ BAJA	LM	260	1 °	12 ' 36 "	S	78 °	39 ' 48 "	W	3180	18	INERHI	11/1/1968	
H828	CANAL GALPON MD OD2(YANAYACU)	LM	260	°	'	"	°	'	"					

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	GUARGUALLA AJ CEBADAS	LG	260	1 °	52 ' 13 "	S	78 °	36 ' 8 "	W	2828	6	INAMHI	7/1/1964	
H819	ILLUCHI AA BOCATOMA #1	LM	260	0 °	55 ' 0 "	S	78 °	28 ' 0 "	W		5	INAMHI	5/1/1977	
H857	ILLUCHI CVA AMBATO(AJ CUTUCHI)	LM	260	0 °	58 ' 54 "	S	78 °	36 ' 3 "	W	2540	5	INERHI		
H949	ILLUCHI EN PLTA.ELECTRICA	LM	260	0 °	56 ' 0 "	S	78 °	32 ' 0 "	W	2730	5	INERHI	5/1/1973	
H959	ISINCHE AJ CUTUCHI	LM	260	1 °	0 ' 0 "	S	78 °	36 ' 0 "	W	2485	5	INERHI	2/1/1977	
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 QUILLOPACCHA	LG	260	1 °	3 ' 42 "	S	78 °	24 ' 18 "	W	3480	18	INAMHI	1/1/1966	1/1/1966
H788	PUELA AJ CHAMBO	LG	260	1 °	31 ' 48 "	S	78 °	26 ' 53 "	W	2460	6	INAMHI	4/1/1965	
H948	PUJILI EN EL TINGO	LM	260	0 °	55 ' 58 "	S	78 °	42 ' 39 "	W	2880	5	INERHI	5/1/1973	
H951	PUJILI EN PUJILI	LM	260	0 °	57 ' 20 "	S	78 °	41 ' 37 "	W	2810	5	INERHI	12/1/1974	
H859	PUMACUNCHI AJ CUTUCHI	LM	260	0 °	57 ' 0 "	S	78 °	36 ' 40 "	W	2510	5	INERHI	5/5/1976	5/5/1976
H794	PUMACUNCHI DJ BLANCO Y NEGRO	LM	260	0 °	46 ' 40 "	S	78 °	41 ' 8 "	W	3030	5	INAMHI	6/1/1965	6/1/1965
H772	PUMACUNCHI EN H.PATOCOCHA	LM	260	0 °	52 ' 12 "	S	78 °	37 ' 58 "	W	2650	5	INERHI	1/1/1972	
H775	PUMACUNCHI EN LATACUNGA	LM	260	0 °	56 ' 25 "	S	78 °	37 ' 0 "	W	2600	5	INERHI	7/1/1969	
H821	QDA.AGUALONGO PUNGO	LM	260	1 °	2 ' 25 "	S	78 °	23 ' 20 "	W		18	INAMHI	8/1/1981	
H777	QDA.BOLICHE AJ CUTUCHI	LM	260	0 °	44 ' 19 "	S	78 °	36 ' 23 "	W	2830	5	INERHI	2/1/1978	
H873	QDA.CATEQUILLA BAJA EN S.FELIPE	LM	260	0 °	54 ' 35 "	S	78 °	37 ' 53 "	W	2620	5	INERHI	11/1/1971	
H815	QDA.CHAHUARPATA AJ PASTAZA	LM	260	1 °	23 ' 39 "	S	78 °	20 ' 50 "	W		18	INAMHI	8/7/1980	
H813	QDA.CHAHUARYACU	LM	260	1 °	23 ' 40 "	S	78 °	22 ' 0 "	W		18	INAMHI	4/14/1980	
H824	QDA.EL TAMBO	LM	260	1 °	5 ' 30 "	S	78 °	20 ' 30 "	W		18	INAMHI	8/1/1981	
H763	QDA.MULA CORRAL AJ CALAMACA	LM	260	1 °	14 ' 49 "	S	78 °	49 ' 41 "	W		18	INAMHI	12/1/1988	
H823	QDA.PATOJAPINA	LM	260	1 °	5 ' 0 "	S	78 °	20 ' 10 "	W		18	INAMHI	8/1/1981	
H822	QDA.RONCADOR	LM	260	1 °	4 ' 40 "	S	78 °	22 ' 25 "	W		18	INAMHI	8/1/1981	
H814	QDA.STA.ROSA AJ PASTAZA	LM	260	1 °	23 ' 40 "	S	78 °	22 ' 10 "	W		18	INAMHI	1/3/1980	
H843	QUILLOPACCHA ABT	LG	260	°	'	"	°	'	"		18	INAMHI	9/15/1985	

INVENTARIO DE ESTACIONES HIDROLÓGICAS SUPERFICIALES

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

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

INVENTARIO DE ESTACIONES HIDROLÓGICAS SUPERFICIALES

CÓDIGO	NOMBRE DE LA ESTACIÓN	TIPO	CUENCA	LATITUD				LONGITUD				ALTURA	PROVINCIA	INSTITUCIÓN	FECHA DE INSTALACIÓN	FECHA DE LEVANTAMIENTO
				GG	MM	SS		GG	MM	SS						
HA35	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 2002**

CUENCA	CÓDIGO ESTAC.	ESTACIÓN	PERÍODO	TOTAL AFOROS	AFOROS DEL 2002	OBSERVACIONES
MIRA	H-016	Apaquí A.J. Chota	80-05/02-07	20	1	Con Curva
	H-015	Chota en Pte. Carretera	76-02/02-07	37	1	Con Curva
	H-011	Mira en Lita	78-09/02-07	20	1	Con Curva
ESMERALDAS	H-139	Blanco en Los Bancos	75-10/02-08	48	1	Con Curva
	H-138	Blanco D.J. Toachi	74-01/02-08	22	1	Con Curva
	H-168	Esmeraldas D.J. Sade	74-01/02-11	25	1	Con Curva
	H-143	Granobles A.J. Guachalá	76-06/02-08	27	1	Con Curva
	H-156	Pilatón A.J. Toachi	73-11/02-08	82	1	Con Curva
	H-159	San Pedro en Machachi	75-02/02-07	39	1	Con Curva
	H-161	Toachi A.J. Pilatón	73-11/02-08	112	1	Con Curva
	H-167	Toachi En Sto. Domingo	84-04/02-08	18	1	Con Curva
CHONE	H-229	Carrizal En Calceta	76-12/02-10	17	1	Con Curva
PORTOVIEJO	H-283	Portoviejo en Picoaza	92-03/02-10	4	1	
GUAYAS	H-375	Chanchán En Huataxí	81-07/02-07	25	1	Con Curva
	H-340	Chimbo En Bucay	74-08/02-07	72	1	Con Curva
	H-338	Chimbo D.J. Pangor	74-08/02-07	52	1	Con Curva
	H-331	Chimbo En San Lorenzo	74-08/02-08	51	1	Con Curva
	H-365	Daule en La Capilla	78-06/02-10	20	1	Con Curva
	H-337	Pangor A.J. Chimbo	74-11/02-07	26	1	Con Curva
	H-347	Quevedo en Quevedo	75-04/02-11	58	1	Con Curva
CAÑAR	H-471	Cañar D.J. Raura	78-07/02-07	36	1	Con Curva
JUBONES	H-528	Jubones D.J. Minas	74-03/02-11	38	2	Con Curva
	H-530	Jubones en Ushcurrumi	75-06/02-07	32	1	Con Curva
ARENILLAS	H-574	Arenillas en Arenillas	74-10/02-10	38	1	Con Curva
PUYANGO - TUMBEZ	H-591	Puyango En Pte. Carretera	77-11/02-07	139	1	Con Curva
NAPO	H-ZN4	Napo En Pañacocha	00-08/02-01	4	1	
PASTAZA	H-790	Cebadas A.J. Guamote	78-01/02-07	34	1	Con Curva
	H-792	Cutuchi A.J. Yanayacu	73-11/02-07	35	1	Con Curva
	H-783	Ozogoche en Los Lagos	78-06/02-07	7	1	
SANTIAGO	H-900	Paute A.J. Dudas	74-04/02-11	939	1	Con Curva
	H-894	Paute D.J. Gualaceo	74-06/02-11	304	2	Con Curva
	H-895	Tomebamba en Monay	76-01/02-07	63	1	Con Curva
	H-887	Yacuambi A.J. Zamora	76-02/02-09	82	1	Con Curva
	H-889	Zamora D.J. Sabanilla	74-05/02-09	105	1	Con Curva



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