I N T R O D U C C I O N

Continuando con el propósito de poner al día las estadísticas de carácter climatologico, la Dirección General de Meteorología publica ahora el Boletín Anual Meteorológico con los datos correspondientes al Año de 1950; información que, como se verá esta clasificada por frecuencia de fenómenos, en concordancia con las recomendaciones de la Organización Meteorológica Mundial, de la que el Perú forma parte.

El presente Boletín contiene la tabulación de 27 Observatorios Meteorológicos; datos que, sin duda alguna, resultan de gran beneficio a todas las actividades nacionales, que, de una manera ú otra, son afectadas por las variaciones de la atmósfera.

Todos los resumenes aqui contenidos, han sido realizados por personal propio, asi como la impresión misma. Las horas de observación se refieren a : 07-00, 13-00 y 18-00, local (12-00, 18-00 y 23-00 T.C.G.), respectivamente. Las presiones, reducidas al nivel del lugar de observación, están consignadas en milibares.

Simultaneamente, con el fin de ganar tiempo, se esta imprimiendo el boletín correspondiente al año 1960 en forma mensual.

Lima, Mayo de 1960

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Peru. Departamento de Meteorologia!

REPUBLICA PERUANA
MINISTERIO DE AERONAUTICA
DIRECCION GENERAL DE METEOROLOGIA DEL PERU

BOLETIN ANUAL METEOROLOGICO

1950
LIMA-PERU

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PRIMERA PARTE

RESUMENES MENSUALES Y ANUALES DE LAS ESTACIONES DE PRIMER ORDEN

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	24.5	27.6	25.8	-	-	17.9	-	-	16.0	72	72	78	-	-	-	232.0	-	213	-
FEB.	25.2	27.1	26.3	-	-	17.6	-	-	16.0	79	72	79	-	-	-	145.4	-	191	6
MAR.	24.8	28.8	26.6	-	-	-	-	-	-	74	76	75	-	-	-	-	-	-	-
ABR.	24.6	27.0	25.4	-	-	-	-	-	-	78	75	75	-	-	-	-	-	-	-
MAY.	23.9	27.1	24.3	-	-	-	-	-	-	75	74	76	-	-	-	-	-	-	-
JUN.	22.4	21.7	22.8	-	-	14.1	-	-	13.0	79	76	83	-	-	-	137.1	-	151	-
JUL.	21.6	24.7	21.9	-	-	12.8	-	-	11.4	82	82	79	-	-	-	177.1	-	-	6
AGO.	21.5	24.1	21.7	-	-	12.9	-	-	11.5	79	81	81	-	-	-	170.6	-	-	-
SET.	21.9	24.4	22.7	-	-	13.2	-	-	11.0	77	79	80	-	-	-	-	-	-	5
OCT.	22.0	25.0	23.0	-	-	13.4	-	-	11.0	79	77	80	-	-	-	-	-	-	4
NOV.	22.1	26.2	23.4	-	-	13.0	-	-	11.0	79	74	78	-	-	-	-	-	-	5
DIC.	23.7	27.5	25.1	-	-	13.3	-	-	13.0	77	75	74	-	-	-	-	-	-	-
MEDIA ANUAL	23.2	25.9	24.1	-	-	-	-	-	-	78	76	78	-	-	-	-	-	-	-

D A T O S

Lat. 3°40' S.
LONG. 80°31' W. de G.
Alt. 3 mts. s. n. m.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PTP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	-	-	-	-	-	NE-3	NW-10	SW-9	-	-	-
13.00	8.00	2	-	-	-	-	-	SW-8	NW-8	NW-10	-	-	-
2.00	2.00	1	-	-	-	-	-	-	-	-	-	-	-
1.30	1.30	1	-	-	-	-	-	NW-8	NW-7	SW-10	-	-	-
-	-	-	-	-	-	-	-	SW-6	SW-13	SW-14	-	-	-
-	-	-	-	-	-	-	-	SW-7	SW-9	SW-13	-	-	-
-	-	-	-	-	-	-	-	SW-5	SW-8	SW-11	-	-	-
-	-	-	-	-	-	-	-	SW-6	SW-8	SW-9	-	-	-
-	-	-	-	-	-	-	-	SW-4	SW-6	SW-7	-	-	-
2.00	1.00	1	-	-	-	-	-	SW-4	SW-11	SW-13	-	-	-
-	-	-	-	-	-	-	-	SW-4	SW-5	SW-12	-	-	-
6.90	4.00	3	-	-	-	-	-	SW-6	SW-6	SW-8	-	-	-
Total 25.20	-	-	-	-	-	-	-	SW-6	SW-8	SW-11	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN DECIMOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	21.4	26.7	21.8	22.7	29.9	19.3	10.6	31.6	18.3	68	51	69	65	88	39	171.5	13.46	-	[illegible]
FEB.	22.3	27.2	23.1	23.5	29.8	20.3	9.5	31.6	18.3	69	56	68	66	88	42	158.2	14.34	-	7
MAR.	22.2	27.8	24.1	24.1	-	-	-	-	-	68	56	68	66	-	-	-	14.87	-	-
ABR.	22.3	27.7	22.5	23.5	-	-	-	-	-	65	51	67	63	-	-	-	13.69	-	-
MAY.	19.8	25.2	19.9	20.9	-	-	-	-	-	73	54	74	70	-	-	-	12.98	-	-
JUN.	16.6	23.0	17.3	18.3	26.0	15.8	10.2	28.8	14.4	86	58	85	73	93	41	139.7	11.52	-	6
JUL.	15.3	21.8	16.5	16.9	24.7	13.9	10.8	27.2	13.3	87	61	86	78	94	44	121.2	11.27	-	5
AGO.	16.1	21.7	17.1	17.0	23.8	14.5	9.3	27.7	12.7	86	61	85	79	92	48	86.7	11.49	-	5
SET.	15.9	22.6	16.5	18.0	25.0	14.0	10.8	28.3	13.3	86	60	86	77	92	44	110.3	11.92	-	[illegible]
OCT.	16.4	22.8	17.0	18.5	25.7	14.4	11.3	27.7	13.3	82	56	84	76	93	42	119.0	12.14	-	4
NOV.	17.0	23.6	18.3	19.8	26.7	15.9	10.8	28.3	15.0	80	58	78	73	91	42	123.9	12.65	-	6
DIC.	20.1	24.6	20.2	21.8	27.4	17.8	9.6	30.0	15.5	76	57	76	70	91	43	137.5	13.72	-	[illegible]
MEDIA ANUAL	18.8	24.6	19.5	20.4	26.5	16.2	10.3	-	-	[illegible]	57	77	71	91	43	-	12.84	-	[illegible]

A L T O

Lat. 4° 15' S.
Long. 81° 14' W. de G.
Alt. 270 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/n.)			FENOMENOS DIVERSOS		
TOTAL GENERAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	19 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
Vest.	Vest.	1	983.3	986.1	981.2	986.9	977.7	S - 1	SSW - 2	S - 2	-	-	-
[illegible]	[illegible]	8	985.1	98[illegible]	980.9	98[illegible]	97[illegible]	[illegible]	N - 1	[illegible]	-	-	-
"	"	"	"	"	"	"	"	S - 1	SW - 1	S - 1	-	-	-
"	"	"	"	"	"	"	"	S - 1	SW - 1	S - 2	-	-	-
"	"	"	"	"	"	"	"	S - 2	SSW - 3	S - 3	-	-	-
Vest.	Vest.	1	98[illegible]	986.3	983.7	98[illegible]	98[illegible]	S [illegible]	SSW [illegible]	S [illegible]	-	-	-
"	"	"	"	"	"	"	"	SSE [illegible]	[illegible]	[illegible]	-	-	-
"	"	"	98[illegible]	98[illegible]	98[illegible]	98[illegible]	98[illegible]	[illegible]	[illegible]	[illegible]	-	-	-
[illegible]	0.50	1	984.[illegible]	98[illegible]	981.[illegible]	98[illegible]	980.4	S - 2	SW - 2	S - 2	-	-	-
"	"	"	98[illegible]	98[illegible]	98[illegible]	98[illegible]	979.7	SSE - 1	SW - 3	S - 1	-	-	-
[illegible]	2.98	1	983.[illegible]	98[illegible]	98[illegible]	98[illegible]	978.1	SE - 1	SW - 3	S - 3	-	-	-
[illegible]	[illegible]	2	98[illegible]	98[illegible]	980.1	98[illegible]	978.8	SE - 1	SSW - 2	S [illegible]	-	-	-
[illegible]	-	-	984.0	985.[illegible]	98[illegible]	-	-	S - 1	SW - 2	S - [illegible]	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	23.9	26.8	24.7	23.4	27.9	21.1	6.8	31.0	20.0	63	60	66	64	-	-	165.2	13.82	-	-
FEB.	24.5	27.3	26.1	25.1	27.8	22.7	5.1	30.0	19.0	70	63	68	68	-	-	231.0	16.26	-	-
MAR.	24.8	27.8	26.4	26.0	-	-	-	-	-	74	64	70	70	-	-	-	17.67	-	-
ABR.	24.1	26.7	24.3	24.7	-	-	-	-	-	63	56	64	62	-	-	-	14.48	-	-
MAY.	22.0	25.0	22.7	22.9	-	-	-	-	-	68	64	71	68	-	-	-	14.25	-	-
JUN.	18.6	22.3	20.4	19.3	22.8	16.9	5.9	25.0	15.5	79	69	77	76	-	-	262.3	12.77	-	-
JUL.	19.0	21.6	19.9	18.6	22.0	16.3	5.7	24.0	15.0	79	69	77	75	-	-	232.0	13.06	-	-
AGO.	18.2	21.1	19.2	18.3	21.5	16.3	5.2	24.0	15.0	83	73	80	72	-	-	152.4	12.47	-	-
SET.	19.0	21.8	19.8	18.8	22.5	16.7	5.8	26.5	16.0	79	72	80	78	-	-	207.9	12.71	-	-
OCT.	19.1	22.6	20.7	19.6	23.7	17.0	6.7	25.5	15.5	79	67	76	74	-	-	256.1	12.67	-	-
NOV.	20.1	23.4	20.9	20.5	24.9	18.8	6.1	27.0	17.0	81	68	78	77	-	-	250.1	13.94	-	-
DIC.	22.4	25.4	22.9	22.3	26.6	20.2	6.4	30.5	19.0	75	60	74	73	-	-	181.6	14.75	-	-
MEDIA ANUAL	21.3	24.3	22.3	21.6	24.4	18.4	6.0	-	-	74	66	73	71	-	-	-	14.00	-	-

I T O S

Lat. 04° 27' S.
Long. 81° 17' W. de G.
Alt. 20 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	1014.1	1016.0	1012.3	1018.7	1008.0	-	-	-	-	-	-
10.00	10.00	1	1014.5	1016.4	1012.3	1019.3	1009.3	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	1017.3	1019.1	1015.5	1022.0	1012.7	-	-	-	-	-	-
-	-	-	1017.7	1019.9	1015.[illegible]	[illegible]	1013.3	-	-	-	-	-	-
-	-	-	1017.1	1019.0	1015.1	1020.0	1013.3	-	-	-	-	-	-
-	-	-	1016.8	1018.5	1015.4	1020.0	1012.0	-	-	-	-	-	-
-	-	-	1016.0	1019.1	1014.6	1021.3	1012.0	-	-	-	-	-	-
0.50	0.50	1	1015.3	1017.3	1013.[illegible]	1020.0	1009.3	-	-	-	-	-	-
-	-	-	1014.2	1016.1	1012.9	1019.2	1010.0	-	-	-	-	-	-
Total 10.50	-	-	1015.9	1017.9	1013.9	-	-	-	-	-	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	Media HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	14.1	19.5	17.9	16.3	21.0	12.8	8.2	24.8	11.2	82	58	67	71	-	-	74.2	9.88	166	6
FEB.	14.4	18.3	16.9	15.9	20.1	13.0	7.1	24.3	13.0	85	70	76	78	-	-	42.7	10.58	54	7
MAR.	14.2	19.1	17.4	16.1	20.9	13.1	7.8	23.7	12.1	87	67	74	78	-	-	43.1	10.71	115	7
ABR.	14.1	19.3	17.1	16.0	21.1	12.8	8.3	24.3	11.3	81	70	80	78	-	-	40.5	10.64	117	7
MAY.	13.7	20.7	17.6	16.4	22.2	12.4	9.8	26.3	10.2	83	64	64	72	-	-	61.1	10.08	174	6
JUN.	14.1	19.7	17.0	16.2	21.6	12.9	8.7	24.3	11.8	85	70	81	80	-	-	45.6	11.06	132	7
JUL.	11.8	18.7	16.0	14.8	20.5	11.8	8.7	23.4	9.8	78	70	76	76	-	-	64.2	9.69	183	5
AGO.	12.0	20.2	17.2	15.4	21.7	10.9	10.8	24.7	8.9	80	62	73	74	-	-	81.5	9.72	239	5
SET.	12.7	19.6	17.1	15.6	20.9	11.6	9.3	24.3	9.4	79	65	75	75	-	-	61.8	9.98	148	6
OCT.	13.6	20.1	17.1	15.8	21.5	12.3	9.2	23.7	10.1	80	62	70	74	-	-	66.9	9.97	174	6
NOV.	14.5	20.5	18.1	16.6	21.8	13.3	8.5	25.0	11.0	80	63	70	74	-	-	69.1	10.39	157	6
DIC.	14.2	17.6	16.8	15.4	20.1	13.0	7.1	24.8	11.2	91	77	83	85	-	-	61.6	11.16	113	7
MEDIA ANUAL	13.6	19.4	17.2	15.9	21.1	12.5	8.6	Mayo 26.3	Jul. 8.8	83	67	74	76	-	-	-	10.22	..	6

O Y A S

Lat. 05° 13' S.
Long. 77° 50' W. de G.
Alt. 3328 mts. s.n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			Mb PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
84.60	40.00	10	763.6	764.9	761.7	767.9	759.3	C - 0	NE - 3	C - 0	-	-	-
189.20	34.40	17	764.4	765.9	762.7	767.[illegible]	760.[illegible]	C - 0	E - [illegible]	E - 2	-	-	-
96.60	14.00	18	764.5	766.1	762.7	767.2	761.1	C - 0	NE - 2	E - 2	-	-	-
173.30	49.00	18	765.1	766.4	763.3	767.9	760.8	C - 0	NE - 3	C - 0	-	-	-
6.30	3.10	4	765.5	766.7	763.7	767.9	762.3	C - 0	NE - 3	C - 0	-	-	-
54.40	10.90	10	765.1	766.5	763.6	767.5	762.5	C - 0	C - 0	C - 0	-	-	-
17.10	11.00	4	765.9	766.2	764.[illegible]	768.1	762.8	C - 0	E - 3	C - 0	-	-	-
2.10	2.10	1	763.7	766.5	763.[illegible]	767.9	762.5	C - 0	E - 3	C - 0	-	-	-
25.40	9.40	6	765.7	767.2	763.9	768.4	762.4	C - 0	E - 3	C - 0	-	-	-
27.20	6.30	8	764.5	766.1	762.4	768.8	761.5	C - 0	C - 0	C - 0	-	-	-
89.30	28.50	8	763.3	764.5	761.2	767.6	757.7	C - 0	C - 0	C - 0	-	-	-
90.90	24.50	7	761.9	764.8	760.9	766.8	758.7	C - 0	E - 2	C - 0	-	-	-
Total 757.00	-	-	764.4	766.1	762.8	Octubre 768.8	Novbre. 757.7	C - 0	E - 3	C - 0	-	-	-

MESES	TEMPERATURA EN GRADOS CENTIGRADOS									HUMEDAD RELATIVA						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DE VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	17.7	27.3	19.[illegible]	21.6	29.0	13.8	15.2	3[illegible].0	13.0	90	75	84	-	-	-	-	-	185	5
FEB.	18.0	29.[illegible]	19.1	22.3	30.2	15.8	14.4	32.5	14.0	89	71	83	-	-	-	-	-	171	[illegible]
MAR.	18.4	30.0	19.0	21.1	30.9	16.0	14.9	32.5	14.8	87	7[illegible]	79	-	-	-	-	-	19[illegible]	[illegible]
ABR.	17.7	27.6	18.5	20.1	28.3	14.9	13.4	30.8	13.2	89	75	81	-	-	-	-	-	170	5
MAY.	17.[illegible]	25.1	18.5	19.5	26.9	15.8	11.1	29.0	13.7	89	78	81	-	-	-	-	-	215	4
JUN.	16.0	22.1	17.4	17.0	23.1	14.3	9.8	24.5	13.[illegible]	93	81	85	-	-	-	-	-	189	5
JUL.	15.9	22.0	17.7	17.[illegible]	23.0	13.8	9.2	24.5	1[illegible].8	91	80	84	-	-	-	-	-	136	[illegible]
AGO.	15.6	21.0	17.1	18.[illegible]	22.5	13.7	8.8	26.[illegible]	1[illegible].9	93	85	89	-	-	-	-	-	141	6
SET.	16.4	2[illegible].5	18.1	18.1	23.7	13.7	10.0	26.8	12.0	91	78	83	-	-	-	-	-	-	5
OCT.	15.1	21.9	17.3	16.5	23.1	13.0	10.1	26.0	10.5	91	71	82	-	-	-	-	-	240	4
NOV.	17.1	23.[illegible]	18.3	1[illegible].1	24.7	14.[illegible]	5.3	24.8	1[illegible].3	88	7[illegible]	8[illegible]	-	-	-	-	-	184	5
DIC.	18.[illegible]	24.5	19.4	[illegible].1	25.[illegible]	15.9	9.3	28.6	14.0	88	68	[illegible]1	-	-	-	-	-	193	5
MEDIA ANUAL	16.9	24.7	18.3	19.3	25.8	14.6	11.[illegible]	Varios Oct. 3[illegible].5	10.[illegible]	90	76	83	-	-	-	-	-	-	5

Y E Q U E

Lat. 06° 42' S.
Long. 79° 54' W. de G.
Alt. 18 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
0.40	0.40	3	1008.9	1010.7	1006.8	1014.5	1002.9	SSW-5	SSW-13	SSW-14	-	-	4
1.60	1.60	1	1006.7	1008.5	1004.8	1011.1	1002.5	SSW-4	SSW-12	SSE-13	-	-	2
0.50	0.50	1	1007.3	1009.2	1005.1	1012.1	1003.4	SSW-5	SSW-13	SSE-14	-	-	1
0.00	0.00	-	1006.3	1008.0	1004.1	1009.5	1002.4	SSW-6	SSW-13	SSE-14	-	-	-
[illegible]	Vest.	6	1007.[illegible]	1008.9	1005.1	1011.[illegible]	1003.4	SSW-7	SSW-14	SSE-14	-	-	-
[illegible]	Vest.	3	1008.4	1010.0	1006.8	1013.1	1004.7	SSW-6	SSW-13	SSE-14	-	-	4
[illegible]	Vest.	12	1008.8	1010.1	1007.3	1012.0	1004.4	SSW-8	SSW-13	SSE-14	-	-	-
[illegible]	Vest.	7	1010.0	1011.6	1008.1	1012.0	1006.5	SSW-5	SSW-13	SSE-14	-	-	-
2.60	2.60	1	1010.8	1012.3	1008.4	1013.9	1005.6	SSW-7	SSW-13	SSW-15	-	-	-
Vest.	Vest.	1	1015.6	1017.3	1013.5	1019.3	1010.7	S -5	SSW-14	SSE-15	-	-	-
[illegible]	Vest.	2	1014.5	1016.4	1012.5	1018.[illegible]	1009.9	SSW-8	SSW-17	SSW-16	-	-	1
6.40	6.40	2	1012.7	1014.4	1011.[illegible]	1016.9	1008.8	SSW-7	SSW-17	SSW-17	-	-	-
Total 1.50	-	-	1009.8	1011.5	1007.8	Oct. 1019.5	Varios 1002.4	SSW-6	SSW-14	SSE-14	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DE VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	-	-	-	21.8	31.6	17.6	14.0	33.5	15.4	-	-	-	81	99	43	173.2	15.88	2 84	5
FEB.	-	-	-	23.5	33.4	18.7	14.7	35.0	16.1	-	-	-	73	97	25	188.1	15.86	244	6
MAR.	-	-	-	23.3	32.1	18.7	13.4	34.5	17.0	-	-	-	77	97	35	135.6	16.53	285	5
ABR.	-	-	-	22.0	30.6	16.6	14.0	33.5	14.4	-	-	-	81	96	39	131.9	15.07	281	5
MAY.	-	-	-	19.8	28.7	14.4	14.3	31.0	12.0	-	-	-	85	98	49	145.7	14.73	306	4
JUN.	-	-	-	18.5	25.9	13.8	12.1	27.0	11.5	-	-	-	86	98	51	141.5	13.74	269	5
JUL.	-	-	-	18.3	25.9	12.3	13.6	29.5	10.0	-	-	-	85	98	51	132.5	13.41	210	5
AGO.	-	-	-	18.5	26.1	12.8	13.3	28.2	10.5	-	-	-	85	98	43	133.7	13.58	208	5
SET.	-	-	-	19.0	27.0	12.8	14.2	29.8	10.0	-	-	-	81	98	40	138.1	13.36	242	5
OCT.	-	-	-	18.6	26.8	12.6	14.2	29.0	9.0	-	-	-	80	97	40	157.0	12.86	299	4
NOV.	-	-	-	20.7	28.4	14.5	13.9	30.0	11.2	-	-	-	80	97	42	151.4	14,66	252	5
DIC.	-	-	-	23.3	30.9	16.6	14.3	33.0	14.5	-	-	-	78	97	36	156.2	16.75	257	5
MEDIA ANUAL	-	-	-	20.6	28.9	15.1	13.8	Feb. 35.0	Oct. 9.0	-	-	-	81	98	41	-	14.70	-	4

A L T I

Lat. 07° 04' S.
Long. 79° 34' W. de G.
Alt. 150 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/n.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
0.00	0.00	-	1007.6	1009.2	1005.3	1012.0	1001.3	-	-	-	-	-	-
5.36	2.48	3	1006.4	1009.9	1005.2	1010.9	1002.7	-	-	-	-	-	-
0.35	10.35	1	1005.7	1007.3	1003.6	1009.3	1000.7	-	-	-	-	-	-
0.36	0.36	1	1005.3	1007.6	1003.5	1009.3	1002.5	-	-	-	-	-	-
-	-	-	1007.2	1008.9	1005.3	1012.1	1003.5	-	-	-	-	-	-
0.75	0.75	1	1008.7	1010.1	1007.9	1013.3	1004.0	-	-	-	-	-	-
0.72	0.72	1	1008.8	1010.4	1006.8	1012.0	1004.4	-	-	-	-	-	-
0.00	0.00	-	1008.9	1011.6	1006.9	1012.0	1004.1	-	-	-	-	-	-
2.80	2.80	1	1008.3	1010.3	1005.9	1012.0	1002.7	-	-	-	-	-	-
0.00	0.00	-	1008.0	1009.0	1005.7	1012.0	1004.0	-	-	-	-	-	-
1.94	1.94	1	1006.9	1009.3	1005.3	1010.7	1002.7	-	-	-	-	-	-
8.34	3.12	7	1005.6	1007.1	1003.3	1008.7	1001.3	-	-	-	-	-	-
Total 9.34	-	-	1007.3	1009.1	1005.4	Junio 1012.3	Marzo 1000.7	-	-	-	-	-	-

MES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	11.6	18.3	16.8	14.9	21.3	11.5	9.8	25.8	8.6	82	54	64	72	89	40	85.7	9.15	-	6
FEB.	11.6	17.1	15.5	14.0	19.4	11.4	8.0	24.4	10.0	96	85	88	91	98	73	66.0	10.91	-	6
MAR.	12.5	19.0	16.8	15.5	21.3	12.3	9.0	26.0	9.2	89	57	75	77	93	47	87.1	10.17	-	6
ABR.	8.8	19.8	15.1	12.9	21.5	7.6	13.9	25.0	2.8	99	55	87	86	100	43	78.0	9.60	-	6
MAY.	6.6	21.6	16.3	12.8	23.7	4.7	19.0	27.0	-0.2	100	50	87	86	100	40	147.4	9.54	-	5
JUN.	6.6	20.8	15.2	12.3	22.7	5.0	17.7	25.0	-1.7	100	59	94	94	100	50	104.6	10.09	-	6
JUL.	3.6	19.7	16.1	11.2	21.1	3.1	18.0	24.2	-4.3	100	56	72	85	100	48	88.2	8.48	-	5
AGO.	4.2	21.6	17.5	12.4	23.9	2.8	26.1	27.8	-1.0	100	49	70	83	100	41	125.1	8.96	-	5
SET.	7.1	21.4	17.6	13.6	23.1	6.2	16.9	27.0	2.6	100	55	65	82	100	44	100.5	9.58	-	5
OCT.	8.0	20.7	15.6	13.3	22.5	6.5	16.0	25.8	2.4	99	38	77	79	100	28	93.5	9.05	-	2
NOV.	9.6	20.3	14.1	13.5	22.0	8.1	13.9	26.0	3.2	99	48	77	81	100	39	90.8	9.40	-	6
DIC.	9.1	18.2	13.6	12.7	21.7	8.3	13.5	25.1	3.3	100	73	95	94	100	66	69.9	10.36	-	7
MEDIA ANUAL	8.2	19.9	15.9	13.3	22.0	7.3	14.7	Ago. 27.8	Jul. -4.3	97	57	79	84	98	47	-	9.61	-	6

M A R C A

Lat. 07° 08' S.
Long. 78° 30' W. de G.
Alt. 2640 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
48.80	11.43	13	737.7	739.[illegible]	735.2	741.5	737.9	C - 0	W - 2	W - 2	-	-	-
150.70	23.88	19	737.1	738.5	734.8	740.0	733.3	C - 0	W - 1	W - 2	-	-	-
142.00	21.59	17	737.9	739.[illegible]	735.5	740.3	734.1	E - 1	E - 1	E - 1	-	-	-
159.80	38.10	16	736.8	738.1	734.4	739.9	733.3	C - 0	E - 1	E - 1	-	-	-
[illegible].80	30.99	6	736.9	738.1	734.4	739.3	733.6	C - 0	N - 2	N - 2	-	-	-
[illegible]70	3.56	6	736.8	738.1	736.5	739.3	733.3	C - 0	E - 1	E - 2	-	-	-
[illegible].00	0.00	-	737.[illegible]	738.4	734.9	739.9	733.3	C - 0	E - 2	E - 2	-	-	-
[illegible].60	3.56	3	736.8	738.1	734.4	739.[illegible]	732.9	C - 0	E - 2	E - 2	-	-	-
13.70	4.06	5	737.9	739.[illegible]	735.5	740.7	733.5	C - 0	E - 2	E - 2	-	-	-
56.50	17.02	13	736.7	738.1	734.3	740.1	732.9	C - 0	E - 2	E - 2	-	-	-
89.70	19.56	13	735.7	736.[illegible]	733.6	738.7	730.7	C - 0	W - 1	N - 2	-	-	-
128.00	28.71	16	735.5	736.9	733.1	738.6	730.9	C - 0	W - 1	W - 1	-	-	-
Total 957.30	-	-	736.9	738.[illegible]	734.7	Enero 741.5	Nov. 730.7	C - 0	E - 2	E - 2	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETRO	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
[illegible]NE.	19.1	29.8	27.0	-	30.6	17.0	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	56	-	-	-	-	-	-	5
[illegible]EB.	20.6	30.5	28.0	-	31.9	18.5	13.4	34.0	15.0	85	45	53	-	-	-	-	-	-	6
[illegible]AR.	20.[illegible]	29.7	28.6	-	31.7	18.[illegible]	13.[illegible]	[illegible]	17.0	87	51	55	-	-	-	-	-	-	[illegible]
[illegible]BR.	19.4	28.5	25.9	-	29.4	16.7	12.7	33.8	14.5	87	54	61	-	-	-	-	-	-	4
[illegible]Y.	17.6	26.0	23.6	-	27.1	14.3	12.8	30.[illegible]	12.6	85	55	6[illegible]	-	-	-	-	-	-	3
[illegible]UN.	15.6	21.9	20.1	-	23.1	12.8	10.3	24.7	11.4	88	66	7[illegible]	-	-	-	-	-	-	5
[illegible]UL.	15.[illegible]	20.7	19.8	-	22.4	11.9	10.5	24.5	10.0	87	66	68	-	-	-	-	-	-	5
[illegible]GO.	15.7	21.1	20.[illegible]	-	22.8	12.7	10.1	25.5	11.5	86	65	72	-	-	-	-	-	-	[illegible]
[illegible]	16.0	23.1	20.4	-	24.3	13.1	11.2	27.0	11.6	87	64	73	-	-	-	-	-	-	5
[illegible]	16.9	23.8	20.9	-	24.4	13.[illegible]	11.[illegible]	27.0	[illegible]	[illegible]	59	68	-	-	-	-	-	-	[illegible]
[illegible]	18.1	25.[illegible]	21.9	-	25.7	14.4	11.3	28.0	1[illegible].0	81	58	64	-	-	-	-	-	-	6
[illegible]	20.4	28.1	24.1	-	28.7	16.8	11.9	31.4	15.0	80	55	64	-	-	-	-	-	-	5
[illegible]								Vario Marzo											
[illegible]	17.9	25.7	23.4	-	26.8	15.0	11.8	34.0	17.0	85	57	64	-	-	-	-	-	-	5

L U P E

Lat. 07° 15' S.
Long. 79° 29' W. de G.
Alt. 100 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
0.10	0.10	1	-	-	-	-	-	C - 0	SE - 2	SSE-4	-	-	5
1.70	0.90	5	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
1.30	1.30	1	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
0.65	0.52	2	-	-	-	-	-	C - 0	C - 0	S - 2	-	-	-
0.24	0.24	1	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
-	-	-	-	-	-	-	-	C - 0	C - 0	S - 3	-	-	-
-	-	-	-	-	-	-	-	C - 0	C - 0	SE - 2	-	-	-
0.18	0.18	1	-	-	-	-	-	C - 0	C - 0	SE - 3	-	-	-
0.40	0.40	1	-	-	-	-	-	C - 0	C - 0	S - 2	-	-	-
-	-	-	-	-	-	-	-	C - 0	C - 0	SE - 2	-	-	-
0.40	0.40	3	-	-	-	-	-	C - 0	C - 0	SE - 3	-	-	-
0.98	0.98	3	-	-	-	-	-	C - 0	C - 0	SSE-2	-	-	-
Total 4.09	-	-	-	-	-	-	-	C - 0	C - 0	SE - 2	-	-	-

MES	TEMPERATURA EN GRADOS CENTIGRADOS							HUMEDAD RELATIVA									
	07 - GC	13 - GC	18 - GC	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MEDIA MENSUAL	MEDIA ANUAL	07 - GC	13 - GC	18 - GC	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	EVAPORACION MEDIA EN MILIMETROS	PRECIPITACION MEDIA EN MILIMETROS	NUMERO DE DIAS DE LLUVIA	NUMERO DE DIAS DE NIEVE
ENE.	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	-
FEB.	-	-	-	-	22.9	20.5	2.4	24.4	19.6	-	-	-	-	-	-	-	-	-	-
MAR.	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	-
ABR.	-	-	-	-	[illegible]	20.1	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	-
MAY.	-	-	-	-	20.8	19.[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	-
JUN.	-	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	-
JUL.	-	-	-	-	19.[illegible]	17.0	[illegible]	22.5	[illegible]	-	-	-	-	-	-	-	-	-	-
AGO.	-	-	-	-	19.8	17.1	2.7	[illegible]	16.0	-	-	-	-	-	-	-	-	-	-
SEP.	-	-	-	-	20.9	17.[illegible]	[illegible]	22.[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	-
OCT.	-	-	-	-	21.1	17.[illegible]	3.9	22.5	16.0	-	-	-	-	-	-	-	-	-	-
NOV.	-	-	-	-	21.7	17.6	4.[illegible]	23.0	[illegible]	-	-	-	-	-	-	-	-	-	-
DIC.	-	-	-	-	22.[illegible]	18.1	[illegible]	[illegible]	[illegible]	-	-	-	-	-	-	-	-	-	-
	-	-	-	-	21.3	16.6	2.7	[illegible]	16.0	-	-	-	-	-	-	-	-	-	-

C H I G A M A

Lat. 07° 43' S.
Long. 79° 26' W. de G.
Alt. 4 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
0.00	0.00	-	-	-	-	-	-	SE - 1	-	SE - 3	-	-	5
Vest.	Vest.	2	-	-	-	-	-	SE - 1	-	SE - 3	-	-	3
Vest.	Vest.	3	-	-	-	-	-	SE - 1	-	S - 3	-	-	8
Vest.	Vest.	5	-	-	-	-	-	S - 1	-	S - 3	-	-	11
Vest.	Vest.	2	-	-	-	-	-	S - 1	-	S - 3	-	-	7
0.00	0.00	-	-	-	-	-	-	SE - 1	-	SE - 3	-	-	-
Vest.	Vest.	2	-	-	-	-	-	SE - 1	-	SE - 3	-	-	-
Vest.	Vest.	5	-	-	-	-	-	S - 1	-	SE - 3	-	-	4
1.50	1.50	1	-	-	-	-	-	SE - 1	-	SE - 3	-	-	2
Vest.	Vest.	4	-	-	-	-	-	SE - 1	-	SE - 3	-	-	1
Vest.	Vest.	1	-	-	-	-	-	SE - 1	-	SE - 3	-	-	-
1.00	1.00	1	-	-	-	-	-	SE - 1	-	SE - 3	-	-	3
Total 3.50	-	-	-	-	-	-	-	SE - 1	-	SE - 3	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	-	-	-	-	30.2	16.7	13.5	33.5	14.1	-	-	-	-	94	65	109.1	-	233	4
FEB.	-	-	-	-	32.2	18.2	14.0	33.9	14.7	-	-	-	-	92	58	99.8	-	189	5
MAR.	-	-	-	-	31.5	17.6	13.9	33.2	15.4	-	-	-	-	93	65	-	-	-	-
ABR.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69.9	-	-	-
MAY.	-	-	-	-	25.5	13.3	12.2	29.3	10.1	-	-	-	88	95	81	59.0	-	221	4
JUN.	-	-	-	-	22.5	13.1	9.4	24.2	10.3	-	-	-	89	93	84	44.0	-	137	6
JUL.	-	-	-	-	22.1	11.6	10.5	24.2	8.0	-	-	-	87	93	81	-	-	121	5
AGO.	-	-	-	-	23.3	13.0	10.3	25.6	10.6	-	-	-	90	95	84	39.1	-	147	6
SET.	-	-	-	-	24.1	13.1	11.0	26.0	10.0	-	-	-	85	93	77	45.4	-	153	6
OCT.	-	-	-	-	24.3	12.7	11.6	27.6	9.1	-	-	-	85	92	77	59.3	-	194	5
NOV.	-	-	-	-	25.8	13.6	12.2	28.6	10.4	-	-	-	85	92	78	66.8	-	166	7
DIC.	-	-	-	-	26.3	15.9	12.4	31.3	13.9	-	-	-	90	89	71	70.8	-	179	7
MEDIA ANUAL	-	-	-	-	26.3	13.1	11.9	-	-	-	-	-	86	93	75	-	-	-	6

G R A N D E

Lat. - 07° 44' S.
Long. 79° 11' W. de G.
Alt. 158 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
V	V			1000.9	1000.4	1002.9	998.7	C - 0	SW - 3	SW - 2	-	-	-
V	V		-	1002.3	1001.6	1003.2	998.9	C - 0	SW - 3	SW - 3	-	-	-
V	V		-	1002.3	1001.7	1003.3	1000.0	C - 0	SW - 3	SW - 3	-	-	-
V	V		-	1002.4	1001.5	1003.6	999.6	C - 0	SW - 3	SW - 3	-	-	-
1.60	1.50	2	-	1000.9	999.6	1002.5	997.1	C - 0	SW - 3	SW - 3	-	-	-
V	V	-	-	998.9	998.1	1000.5	996.4	C - 0	SW - 3	SW - 3	-	-	-
.80	2.00	3	-	997.1	996.5	999.7	995.2	C - 0	SW - 4	SW - 4	-	-	1
.40	2.10	3	-	995.6	995.1	997.2	993.2	C - 0	SW - 3	SW - 3	-	-	2
.31													
.10	-	-	-	1000.1	999.3	-	-	C - 0	SW - 3	SW - 3		-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	CSCIACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	18.0	24.7	21.5	20.7	25.7	16.5	9.2	30.0	13.0	94	74	78	83	95	67	143.5	15.20	211	4
FEB.	17.7	25.9	21.9	21.8	26.7	17.7	9.0	29.9	14.0	90	58	80	79	96	57	116.5	15.48	151	5
MAR.	17.9	26.8	21.8	21.4	27.4	17.3	10.1	30.4	14.5	94	60	84	82	98	58	132.5	15.69	218	5
ABR.	15.9	23.3	18.6	18.8	23.7	15.5	8.2	27.8	13.8	91	64	85	83	95	62	129.0	13.52	191	4
MAY.	14.7	22.4	18.3	17.9	23.0	14.2	8.8	28.2	10.0	92	64	77	79	94	60	128.0	12.16	206	4
JUN.	14.3	19.0	15.5	15.7	19.3	13.9	5.4	21.8	13.1	90	72	86	85	93	70	88.0	11.37	102	6
JUL.	13.8	18.9	15.1	15.4	19.2	13.1	6.1	21.2	10.0	90	71	85	83	94	68	31.5	10.90	130	5
AGO.	14.7	19.2	15.6	16.0	19.8	14.5	5.3	21.5	13.5	96	75	89	88	99	73	30.0	12.00	107	6
SET.	14.9	19.4	15.7	16.1	19.9	14.3	5.6	21.5	12.5	97	75	90	86	99	72	92.0	11.81	91	5
OCT.	14.9	19.5	15.5	16.2	20.3	14.0	6.3	24.0	9.0	90	74	89	86	97	70	118.5	11.88	159	5
NOV.	15.8	20.2	16.6	16.2	20.5	14.2	6.3	23.0	11.2	85	74	78	77	89	63	148.0	10.64	170	5
DIC.	17.6	22.1	18.4	18.5	22.7	15.3	7.4	25.0	12.8	83	67	79	78	89	64	157.5	12.46	188	5
MEDIA ANUAL	15.9	21.8	17.9	17.9	22.3	15.0	7.3	30.4	9.0	90	69	83	82	95	65	..	12.76	..	5

T A V I C

Lat. [illegible] S.
Long. 79° [illegible] W. de G.
Alt. [illegible] mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					3a DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA MENSUAL	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	7 - 13	13 - 16	16 - 21	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	1010.9	1017.4	1009.3	1014.7	1006.9	W - 9	W - 15	W - 25	-	-	-
3.53	2.10	5	1012.0	1011.5	1008.3	1013.6	1005.3	W - 5	W - 9	W - 12	-	-	-
0.00	0.00	-	1010.4	1017.1	1008.7	1013.3	1007.3	C - 0	W - 21	W - 24	-	-	-
0.39	0.39	1	1010.9	1017.9	1009.3	1013.9	1007.3	W - 11	W - 21	W - 25	-	-	-
-	-	-	1012.1	1013.5	1010.5	1015.1	1007.9	C - 0	W - 23	W - 28	-	-	-
0.00	0.00	-	1015.7	1014.9	1012.1	1016.1	1010.0	C - 0	W - 17	W - 18	-	-	-
-	-	-	1013.3	1015.3	1012.3	1017.3	1010.4	C - 8	W - 15	W - 17	-	-	-
-	-	-	1013.9	1015.7	1012.0	1016.7	1010.7	W - 8	NW-15	NW-20	-	-	-
-	-	-	1013.7	1015.1	1011.5	1016.5	1009.3	SW-10	NW-17	NW-19	-	-	-
0.35	0.29	1	1013.3	1014.8	1011.3	1016.3	1009.1	SW-10	NW-17	NW-21	-	-	-
1.78	1.78	1	1011.1	1013.6	1010.4	1015.3	1008.7	NW-13	NW-23	NW-25	-	-	-
5.06	4.57	7	1010.9	1017.3	1009.3	1015.7	1007.3	NW-11	NW-19	NW-23	-	-	-
Total 11.03	-	-	1012.1	1013.7	1010.4	Julio 1017.3	Feb. 1005.3	W - 8	W - 19	W - 21	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	8.1	17.7	12.4	11.5	19.6	6.8	12.8	23.3	4.6	89	40	64	70	96	32	-	7.13	214	
FEB.	8.5	17.4	12.4	11.7	18.8	7.7	11.1	21.2	5.3	96	51	79	83	99	44	-	8.56	186	
MAR.	7.9	17.3	11.6	11.2	18.9	6.9	12.0	20.6	3.5	97	50	80	80	100	43	-	7.98	234	
ABR.	8.2	17.9	12.5	11.7	19.3	7.1	12.2	22.2	5.0	97	50	76	81	100	42	-	8.35	271	
MAY.	5.3	19.1	14.1	11.4	21.0	4.4	16.6	23.5	1.4	97	53	49	69	99	28	-	6.98	332	
JUN.	4.3	20.1	13.9	10.7	21.7	3.4	18.3	24.2	1.4	94	30	43	64	98	26	-	6.18	317	
JUL.	2.8	19.7	14.8	10.2	21.9	2.0	19.9	24.7	-0.2	86	26	33	55	87	23	-	5.13	348	
AGO.	4.1	20.4	14.3	10.7	22.7	2.4	20.3	24.8	1.5	73	22	33	50	80	19	-	4.82	343	
SET.	7.0	20.7	14.6	12.0	22.7	5.1	17.6	25.0	2.4	78	28	45	56	85	25	-	5.89	274	
OCT.	6.9	20.3	13.3	11.4	22.2	4.8	17.4	24.6	1.3	72	21	41	53	85	18	-	5.36	296	
NOV.	8.0	18.9	12.5	11.4	20.8	5.9	14.9	24.0	3.6	76	30	56	60	87	26	-	6.07	248	
DIC.	8.8	18.1	11.7	11.5	19.8	4.8	15.0	22.6	4.0	85	35	68	71	94	30	-	7.23	196	
MEDIA ANUAL	6.7	19.0	13.6	11.3	20.8	5.1	15.7	Set. 25.0	Jul. -0.2	87	35	56	66	93	30	-	6.64	-	

R A S

Lat. 09° 31' S.
Long. 77° 32' W.de G.
Alt. 3207 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
181.80	24.00	25	708.7	709.6	706.9	710.9	705.9	C - 0	NNW-7	C - 0	-	-	4
145.80	27.00	22	708.5	709.5	706.9	710.4	706.1	C - 0	NNW-6	C - 0	-	-	3
193.80	24.00	23	709.2	710.3	707.9	712.0	706.5	C - 0	WNW-4	C - 0	-	-	2
106.30	20.80	23	709.3	710.3	708.0	710.9	706.8	C - 0	WNW-4	C - 0	2	-	3
5.70	4.10	7	709.2	710.1	707.5	710.9	705.9	C - 0	WNW-3	WNW-3	-	-	1
-	-	-	709.3	710.4	707.6	711.3	706.4	C - 0	WNW-3	WSW-2	-	-	-
-	-	-	710.0	711.1	708.1	712.1	706.7	C - 0	NNW-2	WSW-2	-	-	-
1.20	1.20	1	709.3	710.5	707.3	711.5	705.9	C - 0	NNW-2	WSW-4	-	-	-
88.30	7.00	13	709.3	710.4	707.5	711.5	706.4	C - 0	NNW-3	WSW-3	1	-	3
98.30	12.90	14	708.7	709.6	706.8	712.0	705.3	C - 0	NNW-3	WSW-3	1	-	-
55.43	10.60	18	707.9	709.1	706.3	710.1	704.7	C - 0	NNW-4	C -0	2	-	1
139.80	23.40	24	707.7	708.8	706.3	710.0	705.1	C - 0	NNW-3	C -0			3
Total 920.43	-	-	708.9	710.0	707.3	Julio 712.1	Nov. 704.7	C - 0	NNW-4	C -0	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS								U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	14.7	23.9	19.9	18.4	25.5	13.7	11.8	28.0	10.5	97	47	56	74	99	41	64.2	11.75	-	
FEB.	14.9	22.1	20.3	18.4	25.5	14.3	11.2	29.8	12.6	99	55	59	79	100	45	46.4	12.54	-	
MAR.	14.8	23.0	19.4	18.4	25.4	14.2	11.2	28.9	12.5	99	50	61	78	100	43	51.3	12.39	-	
ABR.	14.6	24.3	19.9	18.9	26.4	13.6	12.8	30.0	10.5	99	42	58	75	100	37	55.4	12.29	-	6
MAY.	12.5	24.6	20.3	17.9	26.2	10.6	15.6	29.0	7.3	100	38	52	73	100	35	80.5	11.23	-	4
JUN.	12.7	24.3	20.0	18.2	25.8	10.9	13.9	27.3	9.0	100	43	57	76	100	41	72.2	11.92	-	4
JUL.	9.5	22.5	19.6	16.6	25.4	8.8	16.6	28.0	5.2	100	38	50	73	100	34	56.4	10.34	-	2
AGO.	10.3	25.0	20.7	17.8	26.7	9.1	17.6	29.0	5.6	100	36	47	70	100	32	86.2	10.70	-	2
SET.	13.4	24.8	20.5	18.6	27.0	12.3	14.7	29.0	7.5	100	47	60	76	100	43	83.6	12.38	-	5
OCT.	13.2	24.1	20.4	18.6	26.4	12.3	14.1	29.2	9.0	100	45	54	73	100	40	77.1	11.74	-	6
NOV.	13.0	24.5	20.2	18.6	26.7	13.0	13.7	29.4	9.0	100	48	64	78	100	43	58.7	12.54	-	7
DIC.	13.0	22.8	19.8	18.7	25.9	14.0	11.9	28.0	11.6	100	56	68	80	100	47	65.7	13.27	-	7
MEDIA ANUAL	13.2	23.8	20.1	18.3	26.0	12.8	13.8	Abril 30.0	Julio 5.2	99	45	57	76	100	40	-	11.92	-	5

N U C O

Lat. 09° 54' S.
Long. 75° 45'
Alt. 1912 mts. s.n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
91.19	18.39	22	-	-	-	-	-	C - 0	N -11	N -9	1	-	-
92.23	24.38	20	-	-	-	-	-	C - 0	N -8	N -7	1	-	-
90.65	12.19	20	-	-	-	-	-	C - 0	N -12	NNW-7	-	-	-
19.62	13.72	15	-	-	-	-	-	C - 0	N -7	NNW-8	2	-	-
3.29	1.77	6	-	-	-	-	-	SW- 2	N -9	NNW-8	-	-	-
3.56	2.03	3	-	-	-	-	-	C - 0	N -10	N -10	-	-	-
8.13	4.06	7	-	-	-	-	-	C - 0	N -8	N -9	-	-	-
0.76	0.76	2	-	-	-	-	-	C - 0	N -7	N -9	-	-	-
8.38	6.10	9	-	-	-	-	-	C - 0	NNE-11	NNE-11	-	-	-
21.84	6.09	13	-	-	-	-	-	C - 0	NNE-13	N -10	2	-	-
65.00	35.95	20	-	-	-	-	-	C - 0	NNE-10	NNW-6	3	1	-
110.24	38.10	21	-	-	-	-	-	C - 0	N -5	NNW-6	-	-	-
TOTAL 514.09	-	-	-	-	-	-	-	C - 0	N -8	N -9	-	-	-

C E R R O D E

	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %									
	07 - 00	13 - 00	18 - 00	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
[illegible]	[illegible]	[illegible]	[illegible]	2.8	9.5	-0.4	9.9	14.7	-2.4	80	63	81	76	86	54	-	[illegible]		[illegible]
[illegible]	[illegible]	[illegible]	4.5	[illegible]	8.7	0.2	8.5	11.3	-1.2	81	71	84	79	86	59	-	4.39		7
[illegible]	[illegible]	[illegible]	3.8	4.6	9.4	-0.2	9.6	13.1	-1.4	80	65	80	78	87	55	-	4.96		7
[illegible]	[illegible]	[illegible]	3.9	2.5	9.2	-0.6	9.8	12.4	-4.4	81	65	79	77	87	53	-	[illegible]		6
[illegible]	[illegible]	[illegible]	3.9	[illegible]	11.1	-3.3	14.4	[illegible]	-6.6	81	[illegible]	69	69	87	33	-	3.76		4
[illegible]	[illegible]	[illegible]	3.8	[illegible]	11.5	-2.9	14.4	13.6	-9.6	82	40	74	70	87	35	-	3.89		[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	9.5	-5.1	14.6	[illegible]	-9.6	86	[illegible]	72	71	89	37	-	3.55	-	4
[illegible]	-1.8	[illegible]	[illegible]	1.4	11.6	-5.6	[illegible]	14.0	-8.2	89	33	67	70	93	29	-	3.55	-	[illegible]
[illegible]	[illegible]	[illegible]	2.8	2.0	10.3	-2.3	12.6	13.8	-6.0	84	50	76	73	89	44	-	3.86	-	6
[illegible]	[illegible]	[illegible]	[illegible]	1.9	[illegible]	-2.2	12.4	14.8	-5.1	[illegible]	56	80	76	89	45	-	3.99	-	6
[illegible]	[illegible]	[illegible]	[illegible]	2.5	10.3	-2.1	[illegible]	14.4	-6.8	80	60	81	78	90	46	-	4.27	-	6
[illegible]	0.1	[illegible]	[illegible]	2.1	[illegible]	[illegible]	8.9	[illegible]	[illegible]	[illegible]	76	84	82	91	59	-	4.37	-	7
[illegible]	[illegible]	[illegible]	3.3	2.4	10.0	-2.1	12.1	Oct. 14.8	Varios -9.6	[illegible]	[illegible]	[illegible]	[illegible]	88	46	-	4.09	-	6

P A S C C

Lat. 10° 55' S.
Long. 75° 43' W. de G.
Alt. 4,500 ms. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
152.20	19.60	28	-	603.1	601.1	605.2	600.0	C - 0	NNE -6	SSW-7	5	10	3
134.70	15.10	23	-	603.2	601.3	604.4	599.6	C - 0	NNE-4	NE -2	-	2	1
183.20	27.10	30	-	603.3	601.5	604.0	600.1	C - 0	NE -5	NE -5	7	2	6
103.70	23.00	24	-	603.3	601.6	605.1	600.1	C - 0	NE -3	E -2	1	2	1
44.20	9.80	10	-	604.0	602.1	605.3	600.9	C - 0	NE -4	NE -2	1	3	6
23.80	8.50	15	-	604.0	601.7	605.2	600.8	C - 0	NE -7	NE -3	-	2	8
15.95	3.80	8	-	604.3	601.7	605.5	600.0	C - 0	NE -5	NE -2	-	-	13
2.20	2.20	1	-	604.7	601.9	606.5	600.5	C - 0	E -8	NE -3	-	-	16
59.20	11.20	18	-	603.9	601.5	604.9	600.3	C - 0	NE -6	NE -3	2	4	7
85.15	13.70	27	-	602.7	600.3	604.4	597.8	C - 0	NE -8	NNE-3	3	6	-
99.75	13.60	22	-	603.1	599.5	603.5	597.7	C - 0	NE -7	NE -3	2	2	4
80.85	20.90	31	-	601.3	598.9	602.7	597.5	C - 0	E -6	NE -3	3	5	-
Total						Ago.	Dic.						
84.90	-	-	-	603.3	601.0	606.5	597.5	C - 0	NE - 6	NE - 3	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
NE.	16.3	19.6	17.0	17.2	21.6	15.1	6.5	23.4	13.8	96	92	99	96	100	73	64.5	14.14	142	7
EB.	18.6	21.7	19.1	19.4	24.0	16.9	7.1	26.8	14.0	90	84	95	91	100	62	86.9	15.39	221	6
AR.	19.4	21.4	19.1	17.9	24.2	16.9	7.3	26.9	14.8	88	83	94	90	100	61	97.9	13.85	272	6
BR.	17.1	19.8	17.3	17.7	21.9	14.8	7.1	25.5	12.0	92	87	96	93	100	65	72.4	14.14	282	4
AY.	14.1	17.4	14.6	15.0	19.0	12.5	6.5	23.0	10.0	-	-	-	-	-	-	53.2	-	246	5
UN.	10.5	12.9	11.0	11.2	13.8	10.1	3.7	18.0	10.0	-	-	-	-	-	-	15.1	-	65	9
UL.	10.5	12.3	10.6	10.9	13.3	10.0	3.3	16.6	10.0	-	-	-	-	-	-	7.4	-	30	9
GO.	10.3	12.1	10.5	10.7	13.1	10.0	3.1	16.3	9.0	-	-	-	-	-	-	7.1	-	28	9
SE.	10.8	13.5	11.1	11.5	14.6	10.5	4.1	16.7	10.0	-	-	-	-	-	-	12.0	-	62	8
CT.	11.4	14.9	11.9	12.3	16.1	11.4	4.7	19.5	10.0	100	91	100	98	100	82	39.1	10.52	110	8
OV.	12.5	16.1	13.5	13.6	17.6	12.2	5.4	21.0	11.0	99	90	100	98	100	80	37.8	11.45	90	8
DI.	15.4	18.6	15.5	16.1	20.6	14.5	6.1	24.5	12.0	99	93	100	98	100	72	53.5	13.46	146	7
A								MAR.	Ago.										
IA	13.9	16.7	14.3	14.5	18.3	12.9	5.4	26.9	9.0	95	89	98	95	100	71	-	13.28	-	7

L A C H A Y

Lat. 11° 19' S.
Long. 77° 22' W. de G.
Alt. 380 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N.S.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
0.88	0.88	1	-	-	-	-	-	-	-	-	-	-	-
2.50	0.88	5	-	-	-	-	-	-	-	-	-	-	-
45.90	2.30	21	-	-	-	-	-	-	-	-	-	-	-
35.30	4.00	28	-	-	-	-	-	-	-	-	-	-	-
29.70	2.70	29	-	-	-	-	-	-	-	-	-	-	-
26.00	4.50	24	-	-	-	-	-	-	-	-	-	-	-
15.60	2.30	15	-	-	-	-	-	-	-	-	-	-	-
13.50	3.50	9	-	-	-	-	-	-	-	-	-	-	-
7.80	2.00	6	-	-	-	-	-	-	-	-	-	-	-
Total 148.18	-	-	-	-	-	-	-	-	-	-	-	-	-

MESES	TEMPERATURA EN GRADOS CENTIGRADOS								HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	HORAS DE SOL	NUBOSIDAD MEDIA EN DECIMOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	-	-	-	9	[illegible]	[illegible]	9.5	18.3	2.3	-	-	-	73	80	67	-	6.64	-	-
FEB.	-	-	-	10.6	17.4	5.6	8.8	16.1	3.9	-	-	-	74	79	67	-	7.10	-	-
MAR.	-	-	-	10.0	13.9	5.6	8.3	16.7	4.4	-	-	-	74	77	68	-	6.82	-	-
ABR.	-	-	-	10.0	15.0	5.6	9.4	19.3	3.6	-	-	-	72	76	66	-	6.63	-	-
MAY.	-	-	-	10.0	16.7	2.8	13.9	19.4	0.6	-	-	-	63	70	56	-	5.80	-	-
JUN.	-	-	-	10.0	17.2	[illegible]	15.0	20.0	0.6	-	-	-	57	62	52	-	5.25	-	-
JUL.	-	-	-	7.8	16.1	0.0	16.1	20.0	-5.6	-	-	-	64	77	46	-	5.08	-	-
AGO.	-	-	-	8.9	18.3	0.6	17.7	21.1	-3.9	-	-	-	63	76	44	-	5.39	-	-
SET.	-	-	-	9.4	17.8	3.9	13.9	21.1	-1.1	-	-	-	69	76	51	-	6.11	-	-
OCT.	-	-	-	10.0	18.9	2.6	16.2	23.3	-1.1	-	-	-	68	76	52	-	6.26	-	-
NOV.	-	-	-	10.6	18.9	4.4	14.5	23.9	0.0	-	-	-	69	78	54	-	6.62	-	-
DIC.	-	-	-	10.0	[illegible]	5.6	[illegible]	[illegible]	[illegible]	-	-	-	75	80	[illegible]	-	6.91	-	-
MEDIA ANUAL	-	-	-	9.9	16.4	3.6	12.8	23.9	-5.6	-	-	-	68	75	57	-	6.22	-	-

R O Y A

Lat. 11° 31' S.
Long. 75° 55' W. de G.
Alt. 3710 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
153.16	22.10	27	647.8	648.8	646.5	652.2	643.4	-	-	-	-	-	-
88.66	19.56	20	648.2	649.2	647.1	651.3	645.1	-	-	-	-	-	-
111.51	15.75	25	648.2	649.2	647.1	650.9	645.1	-	-	-	-	-	-
42.16	8.89	16	649.2	650.2	647.8	651.5	645.9	-	-	-	-	-	-
15.49	5.33	6	650.2	651.5	648.8	654.3	646.8	-	-	-	-	-	-
1.52	1.27	1	649.5	650.9	647.8	653.6	646.5	-	-	-	-	-	-
9.14	6.35	4	650.1	651.5	648.8	652.9	646.1	-	-	-	-	-	-
5.33	2.54	4	650.2	651.5	648.8	653.6	646.8	-	-	-	-	-	-
31.24	6.60	13	650.2	651.2	648.5	653.2	646.5	-	-	-	-	-	-
46.99	7.37	17	648.5	649.9	647.1	652.6	645.4	-	-	-	-	-	-
68.33	22.86	17	647.1	648.2	645.4	650.2	641.7	-	-	-	-	-	-
99.31	26.16	23	647.8	648.8	646.5	650.9	644.8	-	-	-	-	-	-
Total 673.84	-	-	648.9	650.0	647.5	Mayo 654.3	Nov. 641.7	-	-	-	-	-	-

P A C H A

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS								U HUMEDAD RELATIVA						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	INTENSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
FEB.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
MAR.	3.9	11.8	7.0	-	14.8	0.7	14.1	18.0	-1.5	-	-	-	-	-	-	-	-	71	7
ABR.	3.4	12.0	7.2	-	15.3	0.4	13.9	19.2	-4.0	-	-	-	-	-	-	-	-	165	6
MAY	-0.5	13.0	6.6	-	15.9	-4.8	20.7	18.0	-10.0	-	-	-	-	-	-	-	-	275	3
JUN.	2.7	13.6	6.7	-	15.7	-6.4	22.1	20.0	-10.0	-	-	-	-	-	-	-	-	276	-
JUL.	2.9	11.3	5.4	-	12.9	-6.6	19.5	16.0	-11.5	-	-	-	-	-	-	-	-	230	-
AGO.	2.4	12.8	6.3	-	14.7	-6.6	21.3	17.0	-12.0	-	-	-	-	-	-	-	-	278	-
SET.	2.0	12.4	5.9	-	14.4	-7.0	21.4	18.0	-8.0	-	-	-	-	-	-	-	-	244	-
OCT.	2.5	12.2	6.5	-	14.7	-3.3	18.0	17.6	-9.5	-	-	-	-	-	-	-	-	177	-
NOV.	3.4	13.4	6.4	-	15.2	-2.0	17.2	18.0	-7.5	-	-	-	-	-	-	-	-	150	-
DIC.	4.3	11.4	6.5	-	13.6	-0.9	14.5	20.0	-5.0	-	-	-	-	-	-	-	-	84	-
MEDIA ANUAL	2.7	13.4	6.5	-	14.7	-3.2	17.9	-	-	-	-	-	-	-	-	-	-	-	-

TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS C/P	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	(EN N/O.) 07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
216.80	17.20	29	-	-	-	-	-	C - 0	E - 15	C - 0	8	-	7
88.90	10.80	21	-	-	-	-	-	C - 0	E - 20	C - 0	8	-	18
6.20	3.80	6	-	-	-	-	-	C - 0	E - 15	C - 0	-	-	2
1.60	1.00	2	-	-	-	-	-	C - 0	E - 12	N - 13	1	1	24
15.60	6.20	9	-	-	-	-	-	C - 0	E - 21	E - 1	-	-	6
14.90	9.00	8	-	-	-	-	-	C - 0	E - 21	C - 0	*	-	3
35.20	7.70	16	-	-	-	-	-	C - 0	E - 19	C - 0	6	1	3
49.30	10.00	19	-	-	-	-	-	C - 0	E - 20	C - 0	9	3	1
69.70	18.00	18	-	-	-	-	-	C - 0	C - 0	C - 0	6	-	3
136.60	19.40	30	-	-	-	-	-	C - 0	C - 0	C - 0	5	-	2
Total 511.70	-	-	-	-	-	-	-	C - 0	E - 20	C - 0	-	-	-

J A U

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	[illegible] DE HORAS DE SOL	[illegible] TOTAL EN [illegible]AVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
NE.	7.[illegible]	[illegible]	[illegible]	[illegible]	19.6	4.[illegible]	1[illegible].8	26.0	3.0	74	41	50	64	86	30	64.[illegible]	6.0[illegible]	[illegible]	5
ED.	7.[illegible]	15.[illegible]	[illegible]	10.0	18.3	5.[illegible]	13.1	2[illegible].0	4.0	78	46	56	67	90	37	46.4	6.17	8[illegible]	[illegible]
AR.	7.[illegible]	14.7	12.6	10.0	17.8	4.8	13.0	22.0	3.0	83	46	56	69	92	38	49.8	6.3[illegible]	10[illegible]	6
BR.	6.9	15.[illegible]	13.[illegible]	10.0	18.3	4.6	13.7	24.0	3.0	85	46	54	72	94	39	47.[illegible]	6.6[illegible]	[illegible]	[illegible]
AY.	5.[illegible]	15.[illegible]	[illegible]	[illegible]	20.6	1.9	18.7	24.0	0.0	67	[illegible]	[illegible]	56	73	[illegible]	89.0	[illegible]	[illegible]	[illegible]
UN.	4.7	15.1	14.[illegible]	9.9	20.5	2.0	18.5	23.0	-1.0	69	44	45	58	76	28	95.2	5.31	241	2
UL.	3.8	13.8	14.0	8.8	15.[illegible]	0.9	14.3	21.0	-2.0	60	40	36	50	67	30	76.9	4.24	[illegible]	2
GO.	3.6	15.[illegible]	15.4	9.6	20.0	1.1	18.9	23.0	-1.[illegible]	6[illegible]	40	39	53	75	28	118.4	4.7[illegible]	[illegible]	1
ET.	6.2	15.[illegible]	14.0	10.[illegible]	19.2	3.3	15.9	22.0	1.0	7[illegible]	44	44	63	81	33	95.4	5.88	206	4
CT.	6.0	15.9	14.0	10.1	19.9	3.4	16.5	23.0	1.0	7[illegible]	39	45	62	85	31	95.8	5.7[illegible]	216	4
NOV.	7.3	16.6	15.0	11.[illegible]	21.5	4.3	17.[illegible]	27.0	2.0	73	40	47	64	85	32	88.4	6.39	204	5
DIC.	7.9	14.3	13.1	10.4	18.9	4.8	14.1	22.0	3.0	8[illegible]	56	56	98	95	4[illegible]	67.[illegible]	7.38	139	6
MEDIA ANUAL	6.[illegible]	[illegible]	13.9	10.0	19.1	3.4	15.7	Nov. 27.0	Jul. -2.0	74	44	47	63	83	33	-	5.84	-	4

J A

Lat. 11° 43' S.
Long. 75° 27' W. de G.
Alt. 3387 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
30.70	11.10	18	681.2	683.1	678.5	686.7	676.0	NW-6	N -13	N -17	-		
06.30	15.00	20	681.6	683.5	679.3	686.7	677.3	NW-6	NW- 9	S -12	-	-	-
5.50	11.90	22	681.7	683.6	679.2	685.3	676.7	W -6	N - 9	NW-15	-		-
56.80	9.50	15	683.5	684.0	679.3	686.7	677.3	NW-6	NW-6	N -11	-	-	-
1.00	1.00	1	683.2	685.3	680.4	687.3	678.7	NW-6	N -6	N - 9	-		-
2.50	2.50	1	683.2	685.5	680.6	688.0	678.7	NW-7	N -6	N -12	-	-	-
V	V	1	684.1	686.1	681.7	688.0	680.0	NW-6	N -13	N -15	-	-	-
2.20	2.20	1	683.7	686.0	680.7	688.0	680.0	NW-7	N - 9	N -16	-	-	-
16.20	5.00	7	683.9	685.9	680.8	688.0	678.7	NW-6	N - 9	N -17	-	-	-
0.50	9.00	9	682.3	684.7	679.1	686.7	677.3	NW-6	N -12	N -19	-	-	-
53.10	8.20	18	680.7	683.1	677.7	685.3	676.0	NW-6	N -10	N -18	-	-	-
36.90	10.50	24	680.9	682.7	678.5	684.7	677.3	NW-6	NW-6	N -14	-	-	-
Total 51.70	-		682.5	684.5	679.7	Varios 688.0	Varios 676.0	NW-6	N -10	N -15	-	-	-

MESES	TEMPERATURA EN GRADOS CENTIGRADOS									HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE [illegible] DE SO[illegible]	NUBOSIDAD [illegible] EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
[illegible]	-	-	-	-	17.9	5.4	[illegible]	[illegible]	0.4	-	-	-	74	-	-	-	-	140	9
[illegible]	-	-	-	-	17.4	7.6	9.8	19.6	3.9	-	-	-	85	-	-	-	-	[illegible]	9
[illegible]	-	-	-	-	[illegible]	5.5	11.7	20.3	1.6	-	-	-	8[illegible]	-	-	-	-	143	[illegible]
[illegible]	-	-	-	-	18.[illegible]	[illegible]	14.3	21.5	-1.4	-	-	-	78	-	-	-	-	[illegible]	[illegible]
[illegible]	-	-	-	-	19.5	-0.2	19.7	21.8	-3.6	-	-	-	60	-	-	-	-	[illegible]	[illegible]
[illegible]	-	-	-	-	19.[illegible]	0.1	19.8	20.8	-5.[illegible]	-	-	-	5[illegible]	-	-	-	-	[illegible]	[illegible]
[illegible]	-	-	-	-	1[illegible]	-0.2	16.3	19.7	-5.6	-	-	-	57	-	-	-	-	19[illegible]	[illegible]
[illegible]	-	-	-	-	19.9	-0.2	20.0	22.6	-3.8	-	-	-	55	-	-	-	-	249	3
[illegible]	-	-	-	-	19.[illegible]	3.9	15.5	21.6	-0.6	-	-	-	66	-	-	-	-	180	7
[illegible]	-	-	-	-	19.[illegible]	[illegible]	15.1	2[illegible].0	-0.8	-	-	-	53	-	-	-	-	[illegible]	[illegible]
[illegible]	-	-	-	-	20.[illegible]	5.1	15.1	25.6	1.1	-	-	-	63	-	-	-	-	18[illegible]	[illegible]
[illegible]	-	-	-	-	17.7	5.9	11.8	20.8	-3.3	-	-	-	75	-	-	-	-	15[illegible]	7
[illegible]	-	-	-	-	10.[illegible]	3.4	15.3	Nov. 25.6	Varios -5.6	-	-	-	68	-	-	-	-	-	6

D E H U A N C A Y O

Lat. 12° 02' S.
Long. 75° 20' W. de G.
Alt. 3350 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN K/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
111.00	23.6[illegible]	[illegible]	686.5	688.4	683.9	691.5	681.3	C - 0	ESE-2	C -0	-	-	-
134.37	21.59	[illegible]	686.9	688.9	684.[illegible]	691.9	68[illegible].5	C - 0	SE -3	NNE-3	-	-	-
114.30	30.48	[illegible]	687.3	689.[illegible]	684.9	690.4	681.6	C - 0	SE -4	[illegible] -0	-	-	-
53.59	17.0[illegible]	13	687.6	689.[illegible]	685.[illegible]	691.7	683.3	C - 0	E -[illegible]	C -0	-	-	-
15.75	8.13	5	686.4	690.5	685.6	692.1	683.6	C - 0	SSE-2	SE -3	-	-	-
3.81	3.05	2	686.0	690.4	68[illegible].9	692.0	682.0	C - 0	E -2	N -6	-	-	-
9.91	8.64	4	685.9	691.[illegible]	686.3	693.9	684.1	C - 0	NE -6	N -6	-	-	-
10.16	7.11	3	688.5	690.9	685.6	692.1	684.5	C - 0	ESE-5	N -5	-	-	-
46.99	9.40	14	688.5	690.8	685.6	692.7	683.5	C - 0	ESE-4	SE -11	-	-	-
55.88	11.43	13	687.1	689.5	683.7	691.6	681.9	C - 0	NNE-4	NNW-11	-	-	-
47.75	16.51	12	685.7	688.0	682.7	691.2	680.0	C - 0	E -4	SSW-16	-	-	-
113.03	17.0[illegible]	[illegible]	686.4	688.3	683.9	690.0	681.7	[illegible] - 0	ESE-7	SE -10	-	-	-
Total 716.54	-	-	687.5	689.6	684.7	Julio 693.9	Nov. 680.0	[illegible] - 0	ESE-5	N -5	-	-	-

M E S	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN DECIMOS
	07 - GO	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - GO	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
[illegible]	-	-	-	[illegible]	[illegible]	18.0	[illegible]	28.0	[illegible]	-	-	-	90	98	70	-	15.99	-	-
[illegible]B	-	-	-	[illegible]	25.6	18.5	7.1	27.8	16.4	-	-	-	88	98	67	50.3	16.94	-	5
[illegible]AR.	19.[illegible]	23.7	[illegible]	20.9	25.8	17.8	8.0	28.9	16.5	91	69	86	86	99	67	31.6	15.95	-	5
[illegible]	18.[illegible]	21.6	19.[illegible]	18.9	23.7	16.2	7.5	26.5	13.9	89	82	88	90	100	70	36.1	14.75	157	6
[illegible]AY.	16.0	20.3	17.8	16.8	21.9	13.8	8.1	25.0	12.0	89	79	87	90	98	68	34.7	12.93	187	5
[illegible]UN.	[illegible].3	18.0	14.3	13.6	16.8	12.3	4.5	21.0	10.6	93	89	91	90	92	69	22.2	10.51	[illegible]	7
[illegible]UL.	14.[illegible]	16.6	15.6	14.4	17.4	13.0	4.4	20.[illegible]	12.0	91	87	90	90	96	71	20.7	11.08	[illegible]	8
[illegible]GO.	13.8	15.9	14.4	14.3	17.1	12.7	4.4	22.0	12.0	91	87	89	91	97	76	18.4	11.13	[illegible]	8
[illegible]ET.	14.[illegible]	17.5	14.6	15.0	18.6	13.[illegible]	5.4	21.4	13.6	9[illegible]	80	89	90	97	70	32.[illegible]	11.51	[illegible]	7
[illegible]OV.	14.9	18.[illegible]	15.6	15.8	19.6	13.8	5.8	21.5	13.9	89	75	85	88	97	68	26.5	11.85	[illegible]	8
[illegible]OV.	16.[illegible]	19.8	16.6	16.6	21.1	14.7	6.4	22.[illegible]	13.[illegible]	8[illegible]	[illegible]	85	88	97	67	38.9	12.47	204	8
[illegible]EC.	18.4	20.[illegible]	18.9	18.[illegible]	21.8	16.7	5.1	23.4	15.[illegible]	9[illegible]	[illegible]	83	88	97	70	47.7	13.80	159	[illegible]
[illegible]EDIA								Marzo	Junio										
[illegible]OTAL	15.8	19.[illegible]	16.6	17.[illegible]	21.2	15.1	6.1	28.9	10.[illegible]	90	80	87	90	98	69	-	13.24	-	7

M A

Lat. 12° 04' S.
Long. 77° 02' W.de G.
Alt. 137 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	1004.4	1005.3	1003.1	1007.1	1000.8	-	-	-	-	-	-
Vest.	Vest.	1	1003.1	1004.1	1001.7	1006.7	999.5	-	-	-	-	-	-
Vest.	Vest.	1	1003.9	1004.5	1002.1	1006.1	1000.1	C - 0	S - 3	S - 2	-	-	-
Vest.	Vest.	2	1003.7	1005.8	1002.5	1006.5	1000.0	C - 0	SW - 1	S - 1	-	-	32
0.38	0.23	5	1005.6	1006.7	1004.4	1008.4	1001.3	C - 0	S - 1	S - 1	-	-	17
5.06	1.00	9	1006.0	1007.5	1004.5	1010.7	1002.0	C - 0	S - 1	S - 1	-	-	36
5.33	0.74	21	1006.3	1007.6	1005.8	1009.3	1002.9	C - 0	S - 1	S - 1	-	-	-
8.39	1.05	26	1005.9	1007.3	1004.4	1009.3	1002.0	C - 0	S - 1	SW - 1	-	-	26
7.35	1.00	22	1005.9	1007.3	1004.5	1009.3	1002.4	C - 0	S - 1	S - 3	-	-	18
3.09	0.75	14	1005.5	1007.7	1004.0	1009.3	1001.6	C - 0	SW -12	S - 9	-	-	21
0.53	0.53	1	1004.4	1006.0	1003.0	1008.0	1000.2	C - 0	S -11	S - 9	-	-	32
1.84	1.30	4	1005.3	1006.8	1003.6	1009.7	1001.7	C - 0	SSW- 9	S - 9	-	-	34
Total 61.77	-	-	1005.0	1006.3	1003.6	Julio 1010.7	Feb. 999.5	C - 0	S - 3	S - 4	-	-	-

L A M O

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
[illegible]	18.3	26.7	21.0	21.1	28.8	13.5	15.3	31.3	10.7	92	63	17	85	100	55	78.9	15.96	180	5
[illegible]	18.2	27.0	22.6	22.1	30.6	13.8	16.8	31.8	11.1	90	57	69	78	98	45	87.5	15.58	[illegible]	5
[illegible]	18.[illegible]	[illegible]	21.6	20.0	30.0	[illegible]	17.4	31.7	10.3	92	57	75	77	98	42	86.6	[illegible]	[illegible]	[illegible]
[illegible]	17.[illegible]	[illegible]	[illegible]	19.9	28.3	11.0	17.3	30.1	7.6	88	57	79	76	99	43	78.8	[illegible]	[illegible]	[illegible]
[illegible]	15.[illegible]	[illegible]	17.3	17.4	25.2	7.9	17.3	30.1	4.5	94	59	83	81	97	52	59.6	12.08	208	3
[illegible]	[illegible]	18.4	[illegible]	13.8	20.1	7.[illegible]	12.9	24.0	4.5	97	74	88	90	98	63	31.9	10.66	[illegible]	7
[illegible]	12.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.0	6.0	90	77	88	86	98	69	39.3	[illegible]	[illegible]	[illegible]
[illegible]	13.[illegible]	[illegible]	[illegible]	[illegible]	19.5	[illegible]	[illegible]	[illegible]	6.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	98	66	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	14.0	[illegible]	[illegible]	15.[illegible]	[illegible]	8.1	13.8	[illegible]	5.3	94	70	86	84	97	57	55.7	[illegible]	[illegible]	6
[illegible]	14.8	[illegible]	16.0	16.6	23.1	11.[illegible]	11.9	25.8	7.0	91	65	84	83	98	52	66.[illegible]	11.76	[illegible]	6
[illegible]	16.4	[illegible]	[illegible]	17.9	23.7	13.5	[illegible]	25.8	9.9	[illegible]	[illegible]	85	85	98	54	84.6	12.92	[illegible]	[illegible]
[illegible]	18.8	[illegible]	[illegible]	[illegible]	27.[illegible]	15.7	11.5	29.[illegible]	[illegible]	85	61	75	[illegible]	99	52	76.5	15.0[illegible]	[illegible]	[illegible]
[illegible]								Feb.	Varios										
[illegible]	15.9	[illegible]	17.5	17.8	24.9	10.6	14.1	31.8	4.5	92	65	82	83	96	54	-	12.83	-	5

L I N A

Lat. 12° 05' S.
Long. 76° 57' W. de G.
Alt. 251 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/hs.)			PENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	984.8	986.1	983.7	988.0	980.0	C - 0	W - 13	W - 6	-	-	-
-	-	-	984.5	986.0	984.0	988.0	980.0	C - 0	W - 12	W - 5	-	-	-
-	-	-	984.8	986.1	983.3	988.0	980.5	C - 0	W - 11	W - 5	-	-	-
0.90	0.50	5	984.9	986.3	983.5	988.0	982.0	C - 0	W - 14	W - 4	-	-	-
0.18	0.30	12	986.0	987.6	984.6	989.3	981.7	C - 0	W - 15	W - 7	-	-	-
0.63	0.50	23	987.6	988.9	986.4	990.7	984.0	C - 0	W - 11	C - 0	-	-	-
4.00	0.50	15	987.9	989.1	986.8	990.7	984.7	C - 0	W - 13	C - 0	-	-	-
5.50	0.50	15	987.5	988.8	986.1	990.7	984.0	C - 0	W - 13	C - 0	-	-	-
2.20	0.50	7	987.3	988.7	985.9	990.3	983.1	C - 0	W - 13	W - 8	-	-	-
1.70	0.30	5	987.3	988.6	986.0	991.3	983.6	C - 0	W - 15	W - 9	-	-	-
4.10	0.50	3	986.3	987.6	984.9	989.3	981.5	C - 0	W - 14	W - 8	-	-	-
1.00	0.40	3	985.5	986.8	984.1	988.3	982.7	C - 0	W - 16	W - 8	-	-	-
Total 16.71	-	-	986.9	987.6	984.9	Octs. 991.3	Varios 980.0	C - 0	W - 13	W - 7	-	-	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE LLUVIAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
[illegible]	19.[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	8.[illegible]	[illegible]	16.[illegible]	96	[illegible]	93	[illegible]	100	70	178.5	17.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	26.[illegible]	[illegible]	[illegible]	27.5	18.[illegible]	9.3	29.5	15.0	99	73	90	90	100	65	171.8	17.53	187	6
[illegible]	19.8	24.4	[illegible]	21.9	[illegible]	[illegible]	10.[illegible]	29.5	15.7	96	69	84	87	100	61	205.1	17.16	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	26.0	16.3	9.7	28.5	13.5	99	[illegible]	90	89	100	67	177.0	15.0[illegible]	[illegible]	[illegible]
[illegible]	16.[illegible]	21.[illegible]	[illegible]	[illegible]	[illegible]	13.6	9.9	28.0	11.1	99	76	95	92	100	71	140.5	14.16	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.6	12.4	7.2	21.0	9.4	100	92	99	97	100	85	61.9	12.[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	15.0	15.5	19.0	13.4	5.6	21.0	11.4	100	07	94	97	100	83	75.3	12.81	67	7
[illegible]	[illegible]	[illegible]	[illegible]	15.1	18.4	13.1	5.3	20.5	11.0	100	92	100	98	100	87	76.[illegible]	12.62	56	7
[illegible]	14.0	17.8	15.4	15.8	19.6	13.0	6.6	29.0	10.5	100	89	98	97	100	83	91.1	13.06	81	7
[illegible]	15.4	19.6	16.3	17.0	21.1	13.9	7.2	24.0	11.5	100	84	99	96	100	79	121.4	13.96	108	7
[illegible]	16.9	21.4	18.[illegible]	18.6	22.7	15.6	7.1	25.5	13.6	100	8[illegible]	95	94	100	77	141.4	15.12	166	6
[illegible]	18.9	23.8	20.5	20.3	25.4	18.[illegible]	7.3	28.2	15.6	99	81	97	93	100	78	16[illegible]	16.63	155	6
MEDIA ANUAL	16.9	21.5	18.1	18.[illegible]	23.1	15.3	7.8	Varios 29.5	Jun. 9.4	99	81	95	94	100	76	-	14.78	-	6

E S T E

Lat. 13° 07' S.
Long. 76° 13' W. de G.
Alt. 36 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPF PRESION ATMOSFERICA (EN MILIBARES)					DD DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
0.40	0.10	4	998.3	999.7	996.5	1000.6	993.6	C - 0	SW - 3	SW - 2	-	-	-
0.60	0.20	5	998.9	1000.4	997.2	1003.5	994.7	C - 0	SW - 4	SW - 2	-	-	-
1.40	1.40	1	1000.0	1001.6	997.9	1003.7	996.0	C - 0	SW - 4	SW - 1	-	-	-
-	-	-	999.1	1000.8	996.7	1003.9	993.3	C - 0	SW - 3	SW - 1	-	-	-
0.10	0.10	1	998.7	1001.3	997.2	1004.6	995.1	C - 0	SW - 2	SW - 1	-	-	-
2.60	0.90	5	1001.2	1003.1	1000.1	1005.3	997.7	C - 0	SW - 2	SW - 1	-	-	-
3.40	0.60	6	1002.4	1003.5	1000.7	1006.7	998.9	C - 0	SW - 2	SW - 1	-	-	-
[illegible]	0.70	6	1001.2	1003.5	1000.5	1005.3	997.6	C - 0	SW - 2	SW - 1	-	-	-
[illegible]	0.70	6	1000.5	1002.5	999.3	1004.0	997.2	C - 0	SW - 2	SW - 1	-	-	-
0.60	0.30	3	1001.1	1002.4	999.2	1004.9	996.8	C - 0	SW - 3	SW - 1	-	-	-
0.50	0.20	3	999.5	1001.2	998.0	1002.9	994.7	C - 0	W - 3	SW - 1	-	-	-
6.80	3.20	3	998.0	999.3	995.6	1000.9	993.3	C - 0	W - 2	SW - 1	-	-	2
Total 8.70	-	-	1000.0	1001.6	995.2	Julio 1006.7	Ago. 993.1	C - 0	SW - 3	SW - 1	-	-	-

YUCAY (CUZCO) 13°18' S., 72°12 W. de G. ALT. 2815 M.

Y U C A Y

1950

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA						[illegible]ACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	[illegible] DE HORAS DE SOL	[illegible] MEDIA EN [illegible]
	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
JAN.	13.2	18.6	17.0	14.9	22.7	7.4	15.3	26.5	5.0	85	46	58	-	99	36	75.[illegible]	-	99	
FEB	-	-	-	-	-	-	-	-		-	-	-		-			-	-	
MAR	13.3	20.0	15.4	-	23.0	7.5	15.5	26.0	5.7	[illegible]	[illegible]	[illegible]	-	99	30	[illegible]		[illegible]	
APR	10.1	20.	15.5	-	22.8	6.0	16.8	26.6	4.0	[illegible]	[illegible]	[illegible]	-	99	31	[illegible]	-	[illegible]	
MAY	6.6	21.4	16.1	-	23.7	3.4	20.3	26.0	0.4	90	[illegible]	47	-	99	19	107.0	-	[illegible]	
JUN	4.4	21.0	15.7	-	22.8	1.6	21.0	29.4	0.0	[illegible]	[illegible]	[illegible]	-	99	17	[illegible]	-	[illegible]	
JUL	2.9	20.0	14.5	-	21.8	1.5	20.3	24.8	0.0	[illegible]	[illegible]	46	-	99	19	[illegible]	-	[illegible]	
AUG	3.9	22.2	15.4	-	23.5	1.6	21.9	26.0	-1.0	95	24	42	-	99	19	152.6	-	236	
SEPT	9.4	22.4	16.3	-	24.1	5.2	18.9	26.0	2.0	[illegible]	[illegible]	[illegible]	-	99	30	[illegible]	-	[illegible]	
OCT	11.6	22.1	16.2	-	23.8	5.6	18.2	26.0	2.0	84	31	58	-	97	27	149.0	-	183	
NOV	12.0	21.5	16.1	-	23.8	7.1	16.7	30.0	4.4	75	[illegible]	44	-	86	23	115.4	-	118	
DEC	12.4	20.8	15.2	-	22.3	7.4	14.9	26.4	5.0	[illegible]	40	41	-	74	22	94.0	-	100	
MEDIA ANUAL	9.1	20.9	15.8	-	23.1	4.9	18.	-	-	88	34	51	-	95	25	-	-	-	

13 18

Long. 72° [illegible] W [illegible]

Alt. 2815 mts [illegible]

HR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
[illegible]9.50	31.60	23	721.[illegible]	724.5	721.5	729.3	720.0	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]0.40	10.90	15	-	725.3	722.3	726.7	720.0	-	-	-	-	-	-
[illegible]2.60	11.40	7	-	725.7	722.4	728.0	720.0	-	-	-	-	-	-
[illegible]5.80	8.50	2	-	726.4	723.2	728.0	721.3	-	-	-	-	-	-
0.80	0.80	1	-	725.9	723.6	727.7	721.6	-	-	-	-	-	-
-	-	-	-	728.8	725.5	730.5	723.5	-	-	-	-	-	-
-	-	-	-	727.7	723.7	729.1	722.4	-	-	-	-	-	-
-	-	-	-	727.6	723.6	731.5	721.7	-	-	-	-	-	-
[illegible]0.80	7.60	8	-	725.1	721.6	728.3	720.0	-	-	-	-	-	-
[illegible]7.60	10.70	11	-	725.6	722.7	729.3	720.0	-	-	-	-	-	-
[illegible]4.70	16.00	14	-	726.5	722.9	729.2	720.0	-	-	-	-	-	-
Total [illegible]92.50	-	-	-	726.3	723.0	-	-	-	-	-	-	-	-

MESES	TEMPERATURA EN GRADOS CENTIGRADOS									HUMEDAD RELATIVA						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	PROBABILIDAD MEDIA DE DESPEJADOS
	07 - 00	13 - 00	18 - 00	MEDIA DI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA DI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
JAN.	8.4	15.5	12.0	10.8	19.1	5,6	13.5	22.1	3.0	80	50	62	70	98	32	75.7	06.60	-	7
FEB	8.8	15.8	12.4	11.1	19.4	6.1	13.3	22.6	4,2	80	43	60	68	97	33	80.7	06.74	-	7
MAR.	8.9	15.8	11.8	10.9	19.2	5.7	13.5	21.2	3.3	81	42	64	70	99	35	91.1	06.85	-	7
APR	7.6	15.9	11.7	10.3	18.6	4.2	14.4	20.7	3.0	66	44	60	69	100	29	77.9	06.49	-	6
MAY	5.0	16.1	12.0	9.1	18.1	0.9	17.2	21.6	1.7	72	23	32	54	93	19	107.5	04.68	-	5
JUN	4.1	15.8	11.9	8.3	17.8	0.5	17.8	19.3	-2.2	75	18	30	-	-	-	130.2	-	-	5
JULY	2.9	15.3	11.0	7.7	17.4	-0.3	17.7	20.1	-3.8	77	17	31	41	79	14	125.4	03.62	-	5
AUG	4.2	17.6	12.7	9.5	19.7	0.8	19.1	21.9	-1.3	81	9	20	36	74	5	132.1	03.38	-	5
SEPT	7.9	17.9	12.5	11.0	20.8	4.0	16.8	23.2	0.7	60	19	34	43	73	13	114.1	04.24	-	5
OCT	9.0	17.8	12.3	11.2	20.9	5.0	15.9	24.4	1.6	63	21	42	54	87	16	112.3	05.09	-	6
NOV.	10.3	18.1	13.2	12.3	21.7	6.0	15.7	26.4	3.5	64	29	46	54	89	20	105.5	05.79	-	6
DEC	9.4	16.8	12.9	11.7	20.2	5.9	14.3	24.1	3.2	74	42	52	62	97	26	91.9	06.39	-	7
MEDIA ANUAL	7.2	16.5	12.2	10.3	19.4	3.7	15.7	NOV. 26.4	JUL. -3.8	72	33	45	57	89	23	-	05.46	-	6

A Z C O A S T E I E)

Lat. 13° 29' S
Long. 71° 59' W de G
Alt. [illegible]

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA DE LA HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 0C	13 - 0C	18 - 0C	GRANIZO	NIEBLA	CALIMA
233.76	28.60	30	[illegible]	686.1	682.[illegible]	689.[illegible]	679.9	C - 0	[illegible] - 0	[illegible]	-	-	-
109.06	20.35	25	684.0	686.3	682.5	688.0	680.7	C - 0	E - 2	C - 0	-	-	-
169.44	30.28	23	684.8	686.4	682.7	688.0	680.1	C - 0	C - 0	C - 0	3	-	-
60.66	15.67	13	685.5	687.[illegible]	683.5	689.5	681.6	C - 0	E - 1	C - 0	-	-	-
11.76	6.86	6	686.3	688.0	684.3	689.7	682.0	C - 0	C - 0	NW - 1	-	-	-
0.00	0.00	-	685.9	687.6	683.7	689.3	682.3	C - 0	W - 4	NW - 4	-	-	-
0.12	0.[illegible]	[illegible]	686.7	688.3	684.7	689.9	682.9	C - 0	W - 6	NW - 5			
0.25	0.25	1	686.0	687.9	683.7	689.0	681.9	C - 0	[illegible] - 4	NW - [illegible]	-	-	-
70.50	8.38	10	686.0	687.7	683.6	689.6	681.3	C - 0	SW - 6	N - 34	-		
44.71	16.43	14	684.7	686.5	682.1	688.4	680.4	C - 0	NE - 66	N - 11	-	-	-
33.21	7.01	17	683.5	685.[illegible]	681.2	687.9	677.6	C - 0	NW - 3	N - 9	2		
15.29	27.61	29	684.0	685.7	681.9	688.9	679.7	C - 0	NE - 8	C - 0	-	-	-
Total:						Jul.	Nov.						
798.76	-	-	685.2	686.9	683.0	689.9	677.6	C - 0	[illegible] - 0	[illegible] - 0	-	-	-

MES	TEMPERATURA EN GRADOS CENTIGRADOS								HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	NUMERO DE HORAS DE SOL	PRECIPITACION EN MILIMETROS
	00 - 06	06 - 12	12 - 18	18 - 00	MEDIA BIHORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	00 - 06	06 - 12	12 - 18	18 - 00	MEDIA BIHORARIA	MAXIMA MEDIA	MINIMA MEDIA					
ENE	-	-	-	-	2.3	13.5	- 6.7	16.0	29.5	- 6.5	-	-	-	-	70	98	-	99.5	65.79	223	4	
FEB	-	-	-	-	3.6	14.8	- 0.8	14.8	16.0	- 5.2	-	-	-	-	75	99	9	91.4	61.55	204	0	
MAR	-	-	-	-	2.2	12.8	- 4.0	16.2	16.0	-11.2	-	-	-	-	70	98	-	106.7	63.29	236	3	
ABR	-	-	-	-	2.8	12.9	- 3.8	16.7	15.8	-12.4	-	-	-	-	64	96	-	93.4	63.84	238	6	
MAY	-	-	-	-	0.8	12.3	- 9.3	21.6	25.7	-17.6	-	-	-	-	45	85	-	113.8	62.09	303	3	
JUN	-	-	-	-	-3.6	10.9	-16.3	26.4	33.4	-18.9	-	-	-	-	36	75	-	80.0	61.29	330	1	
JUL	-	-	-	-	-1.6	9.7	-14.3	24.0	31.8	-16.5	-	-	-	-	53	85	-	85.4	-	-	-	
AGO	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SEP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
OCT	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
NOV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
DIC	0.4	14.8	3.1	3.0	12.3	- 1.2	16.5	18.0	13.0	91	54	83	83	97	-			60	182	7		
PROMEDIO																						
ANUAL	-	-	-	-	6.3	12.6	- 0.2	20.5	Max. 39.3 Min. -19.3	Max. 0.0 Min. -19.0	-	-	-	-	56	86	-	-	63.89	-	-	

T A

Lat. 15° 49' S.
Long. [illegible]
Alt. 1405 mts. [illegible]

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			[illegible]
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA BIHORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	19 - 00	[illegible]
30.50	20.60	17	-	-	-	-	-	-	-	-	-
14.10	18.50	20	-	-	-	-	-	-	-	-	-
07.10	36.40	14	-	-	-	-	-	-	-	-	-
26.40	18.10	15	-	-	-	-	-	-	-	-	-
8.80	3.70	7	-	-	-	-	-	-	-	-	-
0.00	0.00	-	-	-	-	-	-	-	-	-	-
8.60	5.20	3	-	-	-	-	-	-	-	-	-
0.00	0.00	-	-	-	-	-	-	-	-	-	-
0.00	0.00	-	-	-	-	-	-	-	-	-	-
27.30	8.50	10	-	-	-	-	-	-	-	-	-
46.60	8.30	8	-	-	-	-	-	-	-	-	-
34.70	10.20	16	-	-	-	-	-	-	-	-	-
Total 34.10	-	-	-	-	-	-	-	-	-	-	-

[illegible]	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	07 - 00	13 - 00	18 - 00	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
[illegible]	5.[illegible]	12.8	8.3	7.8	14.0	3.6	10.2	19.2	1.3	76	50	75	66	84	56	139.7	05.24	-	6
[illegible]	2.3	12.8	9.[illegible]	8.4	19.3	3.7	15.6	22.0	2.0	-	-	-	-	-	-	137.7	-	-	5
[illegible]	7.5	13.4	8.4	7.8	19.7	2.8	16.9	22.0	-2.1	79	73	74	73	88	65	165.6	05.80	-	5
[illegible]	5.4	14.5	9.1	7.8	20.2	1.6	18.6	22.0	-4.2	81	73	75	77	-	-	182.7	06.11	252	4
[illegible]	3.7	13.7	6.2	5.7	18.8	-1.0	19.8	20.0	-5.0	62	31	55	67	83	30	205.3	04.60	242	2
[illegible]	1.2	12.5	5.1	3.9	18.9	-4.7	23.6	22.0	-9.1	58	27	47	53	68	23	240.5	03.21	283	1
[illegible]	0.4	11.2	7.0	4.6	18.3	-2.1	20.4	20.2	-5.4	80	26	36	70	80	24	227.1	04.45	275	3
[illegible]	0.4	12.8	8.4	5.9	20.0	-2.0	22.0	22.5	-4.4	57	23	34	41	58	21	249.8	02.85	281	1
[illegible]	3.5	14.4	9.4	6.9	20.7	-0.8	21.5	23.0	-4.0	55	17	36	36	55	17	296.8	02.69	268	3
[illegible]	4.9	14.0	9.8	7.4	21.1	0.4	20.7	24.0	-5.5	42	27	43	51	51	26	321.5	03.94	288	4
[illegible]	7.6	14.1	9.7	8.4	19.3	1.7	17.6	23.0	-2.6	68	49	60	55	-	26	304.7	04.55	-	5
[illegible]	7.0	15.3	10.2	8.0	18.7	3.4	13.3	20.5	-0.5	47	30	44	71	68	-	217.2	05.72	-	5
MEDIA ANUAL	4.3	13.5	[illegible]	6.9	18.7	0.6	18.3	Oct. 24.0	Jun. -9.1	64	39	53	[illegible]	71	[illegible]	-	04.47	-	4

N O

Lat. 15° 50' S.
Lon. [illegible]
Alt. 3057 [illegible]

RR CENTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN [illegible]			[illegible]
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	[illegible]
95.38	16.26	[illegible]	-	646.8	644.0	650.0	640.9	E - 4	E - 3	NE - [illegible]	2 [illegible]
49.26	33.20	15	-	648.4	645.9	651.0	641.9	SW - 3	NE - 3	NE - [illegible]	[illegible]
99.38	13.97	16	-	648.9	646.9	651.3	644.9	S - 4	N - 4	S - [illegible]	[illegible]
37.05	10.92	9	-	649.2	647.5	651.1	645.6	S - 4	NE - 3	NE - 3	6 [illegible]
22.35	17.27	[illegible]	-	650.0	[illegible]	651.9	646.5	S - 4	N - 3	S - [illegible]	[illegible]
0.00	0.00	0	-	649.5	646.7	652.2	640.5	SW - 3	N - 3	S - [illegible]	[illegible]
9.65	6.60	3	-	[illegible]	[illegible]	652.6	645.1	SW - 3	N - 3	SW - [illegible]	[illegible] 6 [illegible]
0.00	0.00	0	-	650.0	[illegible]	652.9	645.7	SW - 4	N - 4	SW - [illegible]	[illegible]
3.54	[illegible].03	4	-	650.0	647.6	651.5	645.5	SSW - 3	NE - 4	NE - [illegible]	[illegible]
47.60	13.45	9	-	[illegible]	[illegible]	650.7	644.0	SSW - 1	NNE - 1	NE - [illegible]	[illegible]
17.03	5.08	8	-	[illegible]	644.5	650.7	640.0	SW - 3	NE - 3	NE - 4	[illegible]
69.65	25.91	16	-	[illegible]	646.5	651.2	644.0	SW - 3	NE - 3	NW - [illegible]	[illegible]
Total						Jul.	Nov.				[illegible]
565.90	-	-	-	649.0	646.7	652.8	640.0	SW - 3	NNE - 3	NE - [illegible]	- - -

	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %									
	07 - 00	13 - 00	18 - 00	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS.	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN OCTAVOS
	16.1	25.0	20..	14.0	29.3	7.3	22.0	32.0	4.8	75	54	64	-	-	-	150.9	-	327	6
	16.1	25.1	19.8	14.7	29.5	8.3	21.2	32.0	5.3	78	55	69	-	-	-	146.5	-	295	6
	17.8	25.0	18.8	14.5	29.1	8.7	20.4	32.0	5.0	71	56	69	-	-	-	172.8	-	221	5
	16.4	25.5	19.0	13.9	29.6	7.3	22.3	33.0	4.6	78	57	71	-	-	-	146.8	-	311	5
	16.5	25.5	17.9	17.9	29.5	11.0	18.5	32.6	6.4	64	42	65	-	-	-	173.8	-	321	5
	14.6	24.1	16.1	16.8	28.0	10.2	17.8	31.8	3.0	58	39	65	-	-	-	177.6	-	306	5
	15.6	24.6	17.6	16.9	28.7	10.8	17.9	31.4	5.5	67	41	69	-	-	-	171.9	-	318	5
	15.1	25.5	19.6	16.3	29..	10.2	19.4	31.4	6.2	64	41	57	-	-	-	193.0	-	334	4
	15.9	27.2	19.2	16.6	31.0	9.7	21.3	34.0	7.0	64	33	65	-	-	-	183.9	-	312	4
	16.8	26.4	19.0	15.7	30.3	8.6	21.7	32.1	3.5	65	44	67	-	-	-	174.2	-	319	4
	17.2	24..	18.2	15.8	30.3	8.7	21.6	31.9	5.8	70	46	69	-	-	-	157.9	-	306	4
	16.7	26.6	18.6	16.3	30.3	10.0	20.3	31.9	7.3	70	50	75	-	-	-	161.3	-	316	6
								Set.	Jun.										
	16.5	25.2	18.6	15.6	29.6	9.2	20.4	34.0	3.0	69	47	67	-	-	-	-	-	-	5

T O R

Lat. 16° 27' S.
Long. 71° 48' W. de G.
Alt. 1552 mts. s. n. del mar

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN N/h.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 09	13 - 15	19 - 21	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
0.90	0.50	2	844.0	844.8	842.8	846.5	841.3	NE - 2	S - 3	S - 3	-	-	-
0.90	0.50	2	843.6	844.5	842.4	846.7	840.1	NE - 2	NNE - 3	S - 3	-	-	-
-	-	-	844.5	845.3	843.3	848.0	841.3	C - 0	S - 3	S - 2	-	-	-
-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
1.50	1.50	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
-	-	-	843.9	844.7	842.8	846.5	840.4	NE - 3	SW - 3	SW - 3			
0.10	0.10	1	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
4.40	3.00	3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]			
Total 7.40	-	-	[illegible]	[illegible]	[illegible]	-	-	NE - 3	S - 3	[illegible]	-		-

SEGUNDA PARTE

TEMPERATURAS DIARIAS DEL AGUA DE MAR

Z O R I T O S

Lat. 03° 40' S.
Long. 80° 39' W de G.
Alt. 7 mts. s.n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 07.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	23.0	25.0	23.0	26.0	26.0	25.0	24.5	24.0	24.0	24.0	25.0	25.0
2	25.0	25.0	25.0	26.2	26.0	24.5	24.5	24.2	24.6	25.0	23.5	24.5
3	27.0	25.0	27.0	26.0	25.8	24.5	24.0	25.0	23.5	24.0	23.5	25.0
4	24.4	25.0	24.4	27.0	26.0	25.0	25.0	24.5	24.0	24.0	24.0	23.3
5	24.5	25.0	24.5	27.0	25.5	25.0	25.0	24.0	25.0	24.4	24.0	24.0
6	27.0	25.0	27.0	27.0	26.0	24.1	24.5	24.0	25.0	25.0	24.0	24.5
7	26.4	25.5	26.4	25.5	26.0	24.9	24.5	24.8	23.5	23.0	22.0	24.1
8	26.5	25.5	26.5	25.5	26.0	24.1	24.0	24.0	24.0	23.7	23.5	25.0
9	25.0	24.5	25.0	27.9	26.0	24.5	24.0	24.5	25.0	25.0	24.0	25.5
10	24.5	25.0	24.5	25.6	26.1	25.0	24.5	24.0	24.8	24.0	24.5	24.5
11	25.0	25.0	25.0	26.2	26.0	24.9	24.0	23.5	24.5	24.0	24.0	24.5
12	26.0	25.0	26.0	26.4	26.0	24.8	24.0	25.0	25.0	23.5	23.0	24.1
13	25.0	25.0	25.0	26.5	25.5	25.0	24.0	24.0	24.5	24.2	24.5	24.5
14	26.0	26.5	26.0	26.5	25.0	24.5	24.0	24.0	24.0	24.0	23.5	25.0
15	25.0	25.0	25.0	26.5	25.0	24.0	24.0	24.0	24.0	24.1	23.5	24.0
16	25.2	26.0	25.2	26.6	25.0	24.6	25.5	24.0	24.0	24.0	25.0	24.5
17	25.0	25.0	25.0	26.5	27.0	24.0	24.0	24.1	24.0	24.0	24.0	25.0
18	26.5	25.0	26.5	25.5	26.0	25.0	24.5	24.5	24.0	23.5	24.5	25.0
19	26.0	24.5	26.0	25.0	26.0	24.5	24.0	24.5	24.0	24.0	23.5	24.0
20	25.5	25.0	25.5	25.5	26.5	24.5	24.0	24.0	25.0	23.5	24.0	24.1
21	25.5	24.5	25.5	26.0	26.0	24.4	24.5	24.0	24.0	24.0	24.5	25.0
22	23.0	26.0	25.0	25.5	25.5	24.0	24.0	24.0	23.3	23.5	24.5	24.0
23	25.0	26.0	25.0	25.0	25.0	25.0	24.0	24.0	25.5	24.0	23.0	24.5
24	27.0	25.5	27.0	26.0	26.0	24.9	24.0	24.0	25.0	23.8	25.0	25.0
25	26.5	25.0	26.5	26.8	26.0	24.5	25.0	24.0	25.0	24.0	24.0	23.5
26	25.0	26.0	25.0	26.5	24.5	23.0	24.0	24.0	25.0	25.0	24.0	24.0
27	25.0	25.0	25.0	27.0	25.0	24.1	24.0	24.5	24.0	23.5	25.0	25.0
28	25.0	25.5	25.0	27.0	26.0	24.5	24.5	25.0	25.0	24.0	24.0	25.1
29	26.5	-	26.5	25.4	25.0	25.0	25.0	24.5	25.0	24.0	23.5	25.5
30	26.0	-	26.0	26.0	25.0	24.1	24.5	24.0	24.0	23.7	24.3	26.0
31	26.0		26.0	-	25.0	-	25.0	24.5	-	23.0	-	24.5
From Mens.	25.7	25.3	25.4	26.2	25.7	24.5	24.3	24.2	24.4	24.0	24.0	24.6

PROMEDIO ANUAL : 24.9

Lat. 03° 40' S.
Long. 80° 31' W. de G.
Alt. 7 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 13.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	25.8	27.5	25.8	27.0	27.0	24.5	24.0	25.0	24.6	25.0	25.5	26.0
2	28.0	27.5	28.0	27.5	27.5	25.0	25.0	25.0	25.3	26.0	25.0	26.0
3	25.0	26.0	25.0	27.0	27.0	26.0	25.0	25.5	24.7	25.0	24.3	26.0
4	23.0	26.0	23.0	26.0	28.0	25.5	26.0	25.0	24.3	24.5	25.0	26.5
5	25.6	28.0	25.6	26.8	26.7	25.5	25.5	25.0	25.5	26.0	25.0	26.0
6	27.5	27.0	27.5	27.0	27.0	25.5	24.0	25.0	26.0	25.3	25.5	26.0
7	25.5	28.0	25.5	26.8	28.0	25.0	25.0	25.0	24.7	24.5	24.5	25.5
8	27.0	28.0	27.0	28.0	27.5	25.0	25.0	24.0	25.0	24.2	24.5	26.0
9	26.5	27.0	26.5	28.0	27.0	25.0	24.5	25.0	25.5	24.5	25.5	26.5
10	25.5	28.5	25.5	27.5	27.0	25.0	25.0	25.0	25.7	25.0	25.5	26.0
11	25.5	28.0	25.5	27.5	28.0	25.1	25.0	24.0	25.0	25.0	24.5	25.5
12	27.5	27.0	27.5	28.0	27.0	25.5	24.5	25.0	25.5	25.7	24.5	25.5
13	25.8	28.0	25.8	28.5	26.7	25.5	24.5	25.0	25.5	23.9	25.5	25.5
14	28.5	28.5	28.5	27.0	26.0	25.5	25.0	25.0	25.0	25.6	25.5	27.0
15	26.0	27.0	26.0	27.5	26.0	25.0	25.5	24.2	25.0	25.0	24.2	26.5
16	27.4	27.8	27.4	26.0	26.0	25.0	25.0	25.0	24.5	25.3	26.0	26.1
17	26.8	27.0	26.8	26.0	26.5	24.9	25.0	25.0	24.0	25.0	26.5	26.1
18	27.0	28.0	27.0	26.0	27.5	25.5	25.0	25.5	25.5	24.5	24.3	26.0
19	27.0	27.5	27.0	26.5	27.0	25.0	25.0	25.0	25.0	25.0	24.0	26.5
20	26.4	28.2	26.4	26.5	28.0	24.0	25.0	25.0	25.5	24.5	25.0	25.5
21	26.4	27.8	26.4	26.5	26.0	25.0	25.0	25.4	25.5	24.0	25.2	27.0
22	26.2	28.0	27.3	26.0	26.0	24.5	25.0	24.7	24.5	25.5	25.5	25.5
23	27.3	28.0	26.2	26.0	26.0	25.1	25.0	25.0	26.0	24.7	25.0	26.0
24	28.0	26.5	28.0	27.5	27.0	24.0	25.0	25.0	25.0	25.0	25.2	25.5
25	27.0	27.0	27.0	27.0	26.5	25.0	25.5	24.5	25.5	25.1	25.5	25.0
26	28.0	28.0	28.0	27.8	24.0	24.0	25.0	25.5	24.5	26.0	25.5	25.5
27	26.0	27.0	26.0	27.8	25.5	25.0	24.5	25.3	24.5	25.0	25.4	26.0
28	27.5	25.5	27.5	28.0	24.5	25.0	24.0	25.0	25.5	25.0	25.5	26.0
29	27.0	--	27.0	27.5	25.5	25.5	25.0	25.0	26.6	24.5	25.0	26.5
30	27.5	--	27.5	27.0	25.5	24.5	24.0	24.5	26.0	24.0	25.4	26.5
31	27.5	--	27.5	--	25.5		25.0	25.0	--	24.5	--	25.0
Prom. Mens.	26.6	27.4	26.6	27.1	26.3	24.9	24.9	25.0	25.0	24.9	25.1	25.9

PROMEDIO ANUAL : 25.8

PAITA

Lat. 05° 04' S.
Long. 81° 06' W. de G.
Alt. 7 mts. s.n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 18.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	26.0	26.0	26.0	27.5	25.0	25.0	24.5	24.5	24.2	24.5	24.0	25.5
2	26.0	27.0	26.0	27.5	27.0	25.1	24.0	25.5	24.5	25.0	23.0	25.1
3	26.8	26.0	26.8	26.8	25.0	25.5	24.5	23.5	24.0	24.0	23.5	25.5
4	25.0	26.5	25.0	26.0	26.3	25.0	25.5	24.0	24.0	25.0	23.5	25.0
5	26.0	26.0	26.0	26.0	25.5	25.1	25.0	24.5	24.0	25.5	24.0	25.0
6	28.0	27.0	28.0	28.0	26.0	24.5	25.0	24.0	24.5	25.0	24.3	24.5
7	26.0	27.0	26.0	27.5	25.5	25.0	24.1	24.0	24.0	25.0	24.5	25.0
8	28.0	27.5	28.0	26.6	27.0	26.0	23.5	24.0	24.5	25.0	24.0	25.5
9	27.0	26.0	27.0	26.8	26.0	24.5	24.0	24.0	25.0	25.3	24.3	24.5
10	26.0	27.0	26.0	28.0	25.0	24.5	24.5	24.5	25.0	23.7	24.4	25.0
11	26.0	26.5	26.0	27.5	27.0	25.5	24.0	25.5	26.0	24.2	24.0	24.0
12	27.0	26.5	27.0	26.6	27.5	24.5	24.0	24.2	24.8	24.0	25.0	25.0
13	26.4	27.5	26.4	28.5	25.0	24.0	24.0	23.8	24.0	24.2	23.2	25.5
14	28.0	27.2	28.0	28.0	27.0	25.1	24.5	23.5	23.5	25.0	25.0	25.0
15	26.5	26.0	26.5	27.5	25.5	23.5	25.0	24.0	24.4	24.0	25.0	26.0
16	26.0	27.0	26.0	26.0	25.0	24.0	24.0	24.5	24.0	24.2	24.2	26.0
17	26.0	26.5	26.0	25.0	27.0	24.1	24.0	24.5	24.2	24.5	25.0	25.0
18	27.0	27.5	27.0	25.4	27.0	24.5	25.0	24.0	25.0	24.5	24.5	26.0
19	27.5	26.0	27.5	25.0	25.5	24.5	24.0	24.0	24.5	24.0	23.7	25.5
20	27.9	27.5	27.9	25.5	27.0	24.5	24.5	24.5	25.0	24.0	24.5	25.0
21	27.9	27.0	27.9	27.0	25.5	24.0	24.5	25.0	24.4	24.0	25.0	28.0
22	27.0	27.5	26.5	26.6	25.5	25.0	24.5	25.0	24.4	24.0	25.2	23.6
23	26.5	27.0	27.0	25.0	25.5	25.0	24.0	24.0	24.3	24.2	24.0	25.0
24	28.5	26.0	28.5	26.0	26.0	24.0	24.5	24.0	24.0	24.0	25.1	26.0
25	28.0	26.5	26.0	26.2	25.5	24.5	24.0	24.3	24.5	25.0	24.5	23.0
26	27.5	27.0	27.5	26.0	25.0	24.0	25.0	25.0	24.0	25.2	25.0	23.5
27	25.0	26.5	25.0	25.5	24.1	24.5	24.0	25.0	24.5	24.5	25.0	26.1
28	27.0	27.5	27.0	25.6	24.0	24.5	25.0	25.5	24.5	25.2	24.1	25.0
29	26.5	-	26.5	27.0	25.0	24.5	24.5	23.0	24.5	24.0	24.0	26.0
30	28.0	-	28.0	26.0	25.0	24.0	24.0	24.0	25.0	24.5	25.3	25.0
31	28.0	-	28.0	-	25.0	-	24.5	24.5	-	24.0	-	26.0
Prom. Mens.	26.9	26.8	26.9	26.6	26.0	24.6	24.4	24.3	24.4	24.5	24.1	25.2

PROMEDIO ANUAL : 25.4

Long. 81° 14' [illegible] de G.

Alt. 270 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 07.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	-	21.6	[illegible]	21.1	20.0	17.2	21.1	20.0	17.2	-	15.5	20.0
2	23.3	20.0	[illegible]	18.9	19.4	17.7	-	20.0	17.7	21.1	15.5	20.0
3	22.7	19.4	21.6	18.9	20.0	17.7	20.0	20.5	-	18.8	15.5	-
4	22.2	20.0	[illegible]	18.9	20.0	-	20.0	20.0	17.7	[illegible]	20.0	17.2
5	20.0	-	[illegible]	20.0	18.0	20.0	20.0	20.0	17.7	21.6	-	20.0
6	20.0	18.8	[illegible]	18.3	19.4	18.8	19.4	20.0	16.6	21.1	21.1	23.3
7	20.0	22.7	[illegible]	17.8	20.0	20.0	20.0	20.0	16.6	20.0	22.2	23.3
8	-	25.5	[illegible]	17.2	20.9	20.0	18.3	18.3	17.7	-	20.0	22.2
9	20.0	24.4	[illegible]	17.8	19.0	20.5	-	19.4	21.1	19.4	22.2	18.3
10	18.8	22.2	[illegible]	18.3	19.4	20.5	18.3	19.4	-	19.4	21.1	-
11	18.8	19.4	[illegible]	18.3	20.0	-	20.0	19.4	19.4	18.3	21.1	21.6
12	20.0	-	[illegible]	18.9	20.0	21.6	21.6	18.8	18.8	18.3	-	21.1
13	20.5	24.4	[illegible]	17.7	19.0	20.0	20.0	-	[illegible]	16.1	21.1	22.7
14	20.5	23.8	[illegible]	18.9	20.0	19.4	20.0	18.8	18.8	18.8	20.0	22.2
15	-	24.4	[illegible]	16.7	20.0	20.0	20.0	17.7	18.3	-	21.1	23.3
16	20.5	[illegible]	[illegible]	17.8	20.0	20.0	-	19.4	17.7	20.5	17.7	21.1
17	22.7	[illegible]	[illegible]	19.4	19.4	20.0	21.1	20.0	-	21.6	16.3	-
18	22.7	[illegible]	[illegible]	18.3	19.0	-	21.6	18.8	21.1	[illegible]	18.3	21.1
19	20.5	-	[illegible]	17.8	20.0	20.0	21.1	20.5	21.1	[illegible]	-	21.1
20	21.6	-	[illegible]	17.8	19.0	21.6	21.1	-	20.5	[illegible]	16.6	20.0
21	20.0	-	[illegible]	17.2	[illegible]	[illegible]	21.6	20.5	[illegible]	-	16.6	20.0
22	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]
23	18.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	-
25	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-
26	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]
27	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	-	-	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	-	[illegible]	[illegible]
30	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	-	[illegible]	-	[illegible]	-	[illegible]	[illegible]	-	[illegible]	-	-
Prom. Mens.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

PROMEDIO ANUAL : [illegible]

Lat. 04° 15' S.
Long. 81° 14' W. de G.
Alt. 270 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 13.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	-	1.6	25.5	21.1	20.0	19.2	21.1	20.0	17.2	-	15.5	20.0
2	19.3	20.0	22.0	18.9	19.4	17.7	-	20.0	17.7	21.1	15.5	20.0
3	17.7	19.4	21.6	18.9	20.0	17.7	20.0	20.5	-	18.8	15.5	-
4	-	1.0	25.0	18.9	20.0	-	20.0	20.0	17.7	22.2	20.0	17.2
5	20.0	-	25.5	20.0	18.3	20.0	20.0	20.0	17.7	21.6	-	20.0
6	20.0	18.8	25.5	18.3	19.4	18.8	19.4	20.0	16.6	21.1	21.1	23.3
7	20.0	23.7	25.5	17.8	20.0	20.0	20.0	20.0	16.6	20.0	22.2	23.3
8	-	25.5	26.1	17.2	20.9	20.0	18.3	18.3	17.7	-	20.0	22.2
9	20.0	24.4	26.6	17.8	19.3	20.5	-	19.4	21.1	19.4	22.2	18.3
10	18.8	22.2	25.1	18.3	19.4	20.5	18.3	19.4	-	19.4	21.1	-
11	18.8	19.4	25.5	18.3	20.0	-	20.0	19.4	19.4	18.3	21.1	21.6
12	20.0	-	25.5	18.9	20.0	21.6	21.6	18.8	18.8	18.3	-	21.1
13	20.5	24.4	25.5	17.7	19.0	20.0	20.0	-	22.2	16.1	21.1	22.7
14	20.5	22.8	18.8	18.9	20.0	19.4	20.0	18.8	18.8	18.8	20.0	22.2
15	-	24.4	23.8	16.7	20.0	20.0	20.0	17.7	18.3	-	21.1	23.3
16	20.5	25.0	18.8	17.8	20.0	20.0	-	19.4	17.7	20.5	17.7	21.1
17	20.7	25.5	18.8	19.4	19.4	20.0	21.1	20.0	-	21.6	18.3	-
18	22.7	25.5	20.0	18.3	19.0	-	21.6	18.8	21.1	22.2	18.3	21.1
19	20.5	-	20.0	17.8	20.0	20.0	21.1	20.5	21.1	22.2	-	21.1
20	21.6	-	17.8	17.8	19.0	21.6	21.1	-	20.5	22.2	16.6	20.0
21	20.5	-	18.9	17.2	18.0	22.2	21.6	20.5	20.0	-	16.6	20.0
22	-	24.5	23.3	17.8	19.0	20.0	20.0	19.4	20.0	-	16.6	20.0
23	18.3	24.5	25.5	20.0	20.0	17.7	-	19.4	20.0	22.2	17.2	20.0
24	-	24.5	19.6	20.0	18.9	17.2	20.0	19.4	-	21.1	21.1	-
25	23.7	24.1	18.8	23.9	20.0	-	20.0	20.0	18.8	21.6	21.6	-
26	16.6	-	22.8	20.0	19.4	18.3	19.4	20.0	20.0	21.1	-	21.1
27	19.3	24.5	23.8	20.0	19.0	18.8	18.3	-	20.0	20.0	21.1	23.8
28	20.2	26.1	23.6	20.0	18.3	17.7	-	18.3	20.0	20.0	22.7	24.4
29	-	-	23.3	21.1	19.4	16.6	-	18.3	20.0	-	22.7	24.4
30	25.3	-	22.2	21.1	19.0	20.0	-	17.7	18.8	16.6	22.2	23.8
31	21.6	-	18.8	-	20.0	-	20.5	18.8	-	15.5	-	-
Prom. Mens.	20.6	24.7	22.6	19.0	19.4	19.4	20.1	19.4	19.1	20.3	19.6	21.4

PROMEDIO ANUAL : 20.3

Lat. 04° 35' S.
Long. 81° 14' W. de G.
Alt. 270 mts. s. n. del ma

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 18.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	-	21.6	26.1	23.3	19.4	18.3	20.5	20.0	18.8	-	17.2	21.1
2	24.4	20.0	23.3	20.0	20.0	18.3	-	21.1	18.8	20.5	18.8	20.0
3	23.8	21.1	26.1	18.9	20.0	18.8	20.0	21.1	-	21.6	17.2	-
4	23.3	21.1	26.1	20.0	20.0	-	20.0	20.0	19.4	22.2	25.5	20.0
5	22.7	-	24.4	20.0	20.0	21.1	20.0	20.0	18.3	22.2	-	24.4
6	22.7	20.0	26.1	20.0	19.4	19.4	20.0	20.0	17.2	21.1	23.8	24.4
7	23.3	25.5	27.2	20.0	20.0	21.1	21.1	18.8	16.6	21.1	23.3	24.4
8	-	24.4	27.7	18.9	21.6	20.5	19.4	20.5	20.5	-	23.3	21.6
9	20.0	25.0	27.7	18.9	20.0	21.6	-	18.8	21.1	21.1	23.3	21.1
10	22.7	21.1	26.6	20.0	21.1	21.1	21.1	19.4	-	21.1	22.2	-
11	20.0	21.1	26.6	20.0	21.1	-	22.2	20.0	21.1	16.6	22.7	22.7
12	25.5	-	23.3	20.0	20.5	23.2	21.6	-	21.6	19.4	-	24.4
13	25.5	26.1	26.6	18.8	21.1	20.0	21.6	-	20.5	17.7	21.6	23.8
14	25.5	25.5	20.0	20.0	19.0	20.0	21.1	18.8	20.0	18.8	20.0	23.8
15	-	25.5	20.0	16.7	20.0	21.1	21.6	18.3	20.0	-	19.4	23.8
16	24.4	25.5	21.1	22.2	20.0	21.1	-	20.0	20.0	20.0	20.0	22.7
17	24.4	26.6	20.0	20.0	20.0	21.1	22.2	18.8	-	22.2	20.0	-
18	23.3	26.6	20.5	18.3	20.0	-	22.2	21.1	21.6	23.3	18.8	22.2
19	23.3	-	21.1	20.0	20.0	22.2	22.2	-	21.6	23.3	-	22.2
20	24.4	-	20.0	17.8	20.0	22.7	22.2	-	21.6	22.2	17.7	21.6
21	23.3	-	20.0	20.0	19.4	22.7	21.6	22.2	20.0	23.3	16.6	21.6
22	-	22.2	25.5	20.0	20.0	19.4	22.2	20.0	19.4	-	18.8	20.0
23	20.0	24.4	24.4	18.9	20.0	20.0	-	20.0	20.0	22.7	19.4	20.0
24	23.3	26.1	19.5	21.4	20.0	20.0	21.1	20.0	-	22.2	17.7	-
25	17.7	26.6	20.0	25.6	20.0	-	20.0	20.5	20.0	21.6	21.6	-
26	21.1	-	22.8	22.2	19.0	17.7	21.1	-	21.1	21.1	-	24.4
27	23.3	26.6	23.3	20.0	19.4	19.4	20.0	-	21.1	21.1	23.3	25.0
28	23.3	26.6	24.4	20.0	18.0	20.0	-	18.3	20.0	20.0	22.7	25.0
29	-	-	24.4	18.9	19.4	20.0	-	18.8	20.0	-	23.8	25.5
30	24.4	-	24.6	20.0	19.4	21.6	-	18.8	20.5	20.0	21.1	-
31	23.3	-	22.7	-	18.3	-	21.1	18.8	-	17.2	-	-
Prom. Mens.	23.0	24.0	23.6	20.0	19.9	20.4	21.1	19.8	20.0	20.9	20.8	22.7

PROMEDIO ANUAL : 21.4

ANEXO 5

Lat. 04° 47' S.
Long. 81° 17' W. de G.
Alt. 20 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 07.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	19.0	18.0	25.5	18.9	18.0	16.5	15.5	17.0	16.0	17.0	14.5	19.0
2	18.0	16.5	23.5	17.8	19.0	16.5	16.5	16.5	16.0	16.5	14.5	17.0
3	18.0	16.5	21.0	18.9	18.0	16.5	16.5	17.0	15.5	16.0	14.5	15.5
4	19.0	17.0	21.1	18.9	18.0	16.5	16.5	16.5	15.5	18.5	14.0	14.5
5	18.0	15.5	22.0	18.9	18.0	16.5	16.5	16.5	15.5	18.0	16.0	14.5
6	18.0	16.5	21.5	18.9	18.0	16.5	16.5	16.5	15.5	17.0	17.0	17.0
7	16.5	15.5	25.5	16.7	19.0	16.5	15.5	16.5	15.5	17.0	20.0	21.0
8	18.0	18.0	25.5	16.7	19.0	16.5	16.5	16.5	15.5	17.0	20.0	17.0
9	21.0	18.0	25.5	16.7	20.0	18.0	16.5	16.0	15.5	17.0	19.5	17.0
10	18.0	21.0	24.5	17.8	19.0	19.0	16.5	16.5	17.0	16.0	19.0	15.5
11	15.5	21.0	22.7	16.7	19.0	20.0	16.5	16.5	17.0	15.5	18.5	16.5
12	18.0	20.0	22.0	17.8	19.0	20.0	16.5	16.0	18.0	16.0	19.0	17.0
13	21.0	16.5	21.0	17.7	19.0	19.0	16.5	16.5	18.5	15.0	18.0	18.0
14	20.0	21.0	22.0	16.7	19.0	19.0	16.5	16.5	17.0	15.5	17.0	20.0
15	21.0	23.5	20.0	15.6	19.0	19.0	18.0	16.0	16.0	15.5	15.5	19.0
16	20.0	23.5	20.0	15.6	18.0	19.0	18.0	16.0	16.5	16.5	15.5	18.0
17	20.0	24.5	19.0	15.5	19.0	19.0	18.0	16.0	15.5	18.0	15.0	17.0
18	19.0	25.5	20.0	15.6	19.0	18.0	18.0	16.0	17.0	19.5	15.5	18.5
19	19.0	25.5	19.0	15.6	19.0	19.0	19.0	16.0	19.0	20.5	15.5	18.5
20	19.0	23.5	19.0	16.7	19.0	18.0	19.0	16.5	16.5	21.0	15.5	18.0
21	20.0	21.0	17.0	15.5	18.0	18.0	19.0	18.0	16.5	20.5	15.0	16.5
22	19.0	21.0	17.8	15.6	18.0	18.0	19.0	18.5	16.5	20.5	14.5	15.0
23	18.0	20.0	20.0	15.6	18.0	18.0	18.0	18.5	16.5	21.0	14.5	18.0
24	18.0	21.0	21.0	15.6	18.0	16.5	17.0	17.0	16.5	21.0	14.5	15.0
25	15.5	21.0	22.0	18.8	19.0	15.5	16.5	18.5	16.5	21.0	16.0	15.0
26	16.5	21.5	18.5	20.0	18.0	16.5	16.5	18.0	18.5	20.5	16.0	16.5
27	18.5	21.5	21.0	17.8	19.0	15.5	17.0	17.0	19.0	15.5	18.0	19.0
28	18.0	21.5	21.0	16.5	18.0	16.5	16.5	16,5	18.0	19.0	18.5	21.0
29	21.0	-	21.0	18.0	18.0	16.5	18.0	16.0	18.0	18.5	18.5	22.0
30	21.0	-	21.0	16.7	18.0	16.5	18.0	16.0	16.5	17.0	19.0	21.5
31	20.0	-	17.0	-	18.0	15.5	18.0	15.5	-	15.5	-	21.0
Prom. Mens.	18.6	20.6	21.6	16.9	18.5	17.5	17.2	16.7	16.7	18.0	16.6	17.7

PROMEDIO ANUAL : 18.0

Lat. 0° 27' S

Long. 81° 17' W. de G.

Alt. 30 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 13.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	0.0	18.0	26.7	20.0	19.0	16.5	16.5	18.0	16.5	18.0	15.5	19.5
2	19.0	18.0	25.5	18.0	19.0	16.5	18.0	18.0	16.5	16.0	15.5	19.0
3	19.0	18.0	23.5	20.0	20.0	18.0	16.5	18.0	16.0	16.5	15.5	15.5
4	18.0	18.0	23.3	21.1	20.0	16.5	18.0	18.0	16.0	18.5	15.0	15.5
5	19.0	16.5	23.5	20.6	18.0	18.0	18.0	19.0	16.0	18.0	21.0	15.5
6	19.0	19.0	25.5	20.0	19.0	18.0	18.0	18.0	16.0	18.0	17.0	20.5
7	16.5	18.0	21.0	18.9	19.0	18.0	16.5	17.0	16.0	18.0	20.5	20.0
8	19.0	23.5	21.0	17.8	19.0	18.0	18.0	17.0	15.5	18.0	20.5	15.5
9	20.0	20.0	25.5	17.8	20.0	18.0	16.5	16.5	15.5	18.0	19.5	16.5
10	19.0	18.0	25.5	17.8	20.0	19.0	16.5	16.5	16.5	16.5	19.0	16.5
11	18.0	20.0	24.4	16.7	20.0	20.0	16.5	16.5	16.5	16.0	19.5	17.0
12	21.0	20.0	24.5	17.8	20.0	20.0	16.5	18.0	18.0	16.0	19.0	18.5
13	21.0	23.5	23.5	17.8	20.0	19.0	18.0	18.0	19.0	16.0	18.5	18.0
14	20.0	22.0	21.0	17.8	19.0	20.0	16.5	17.0	17.0	16.0	17.0	19.5
15	21.0	23.5	21.0	16.7	19.0	19.0	18.0	16.5	16.5	15.5	16.0	19.0
16	20.0	23.0	22.0	16.7	19.0	19.0	16.5	16.5	18.0	16.5	16.0	16.5
17	20.0	25.5	23.0	16.5	19.0	19.0	18.0	16.5	18.0	19.5	15.5	18.0
18	21.0	25.5	21.0	20.0	20.0	19.0	18.0	16.5	18.0	21.0	15.5	19.0
19	19.0	23.5	19.0	16.7	20.0	19.0	19.0	16.5	19.0	21.0	16.0	19.5
20	20.0	16.5	20.0	16.7	20.0	19.0	20.0	18.5	17.0	21.0	15.5	18.5
21	19.0	23.5	19.0	16.5	19.0	19.0	20.0	18.5	17.0	21.0	15.5	18.5
22	20.0	20.0	18.9	16.7	19.0	18.0	18.5	18.5	16.5	21.0	15.0	16.0
23	20.0	24.5	21.0	16.7	18.0	18.0	18.5	18.5	16.5	21.5	15.0	17.0
24	18.0	23.5	21.0	15.7	18.0	16.5	18.0	16.5	16.5	21.5	15.5	16.5
25	16.5	16.5	21.0	20.0	20.0	18.5	18.0	19.5	18.0	21.5	16.5	16.5
26	18.0	26.5	20.0	20.0	19.0	16.5	18.0	19.5	19.0	21.0	16.5	18.0
27	18.0	26.5	22.0	18.9	19.0	16.5	18.0	18.0	19.5	20.0	18.5	20.5
28	19.0	26.5	21.0	19.0	18.0	16.5	18.0	17.0	19.0	19.5	19.0	20.5
29	21.0	-	22.0	18.0	18.0	16.5	19.0	16.5	18.0	19.5	19.5	22.0
30	22.0	-	21.0	17.8	18.0	16.5	19.0	16.5	18.0	17.0	19.0	21.0
31	21.0	-	20.0	-	19.0	-	18.0	16.5	-	16.0	-	15.0
Prom. Mens.	19.5	22.1	22.1	18.2	19.2	18.0	17.8	17.5	17.2	18.5	17.2	18.0

PROMEDIO ANUAL : 18.8

Lat. 04° 27' S

Long. 81° 17' W. de G.

Alt. 20 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 18.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	20.0	16.5	16.7	18.9	19.0	16.5	16.5	18.0	16.5	18.0	16.0	19.0
2	20.0	18.0	24.5	18.9	20.0	16.5	16.5	17.0	17.0	16.0	15.5	16.0
3	19.0	18.0	22.0	18.9	20.0	16.5	16.5	18.0	16.0	16.0	14.5	16.0
4	19.0	18.0	21.1	18.9	19.4	16.5	16.5	17.0	15.5	19.0	15.0	15.0
5	18.0	18.0	24.5	17.8	18.0	18.0	16.5	18.0	16.0	18.0	19.5	20.5
6	19.0	19.0	25.5	17.8	18.0	18.0	16.5	18.0	16.0	17.0	17.0	18.0
7	19.0	20.0	25.5	17.8	19.0	18.0	16.5	16.5	15.5	16.5	19.5	18.0
8	21.0	25.5	26.5	17.8	20.0	18.0	16.5	16.5	15.5	17.0	20.0	16.5
9	20.0	21.0	26.6	17.8	20.0	18.0	16.5	16.5	16.5	17.0	19.5	17.0
10	19.0	22.0	24.5	17.8	20.0	18.0	18.0	16.5	17.0	16.0	19.0	16.5
11	18.0	21.0	24.4	18.9	20.0	19.0	16.0	16.5	16.5	16.0	18.5	17.0
12	21.0	20.0	24.5	18.9	20.0	22.0	18.0	18.0	17.0	16.0	19.0	18.0
13	23.5	24.5	22.0	19.8	19.0	20.0	18.0	17.0	19.0	15.5	18.5	17.0
14	21.0	19.5	21.0	16.7	19.0	20.0	18.0	16.5	17.0	16.5	17.0	20.0
15	21.0	24.5	21.1	16.7	20.0	20.0	18.0	16.5	17.0	16.0	16.5	18.5
16	20.0	24.5	22.0	16.7	20.0	19.0	16.5	16.5	16.5	16.0	19.0	16.5
17	21.0	24.5	23.0	16.5	20.0	19.0	18.0	16.5	17.0	20.0	16.0	18.0
18	19.0	20.5	21.0	16.7	19.4	18.0	18.0	16.5	16.0	21.0	16.0	18.5
19	21.0	23.5	20.0	16.7	20.0	18.0	19.0	17.0	19.0	21.5	16.0	18.5
20	21.0	23.5	20.0	17.8	20.0	18.0	20.0	17.0	17.0	21.0	15.5	18.5
21	19.0	22.0	18.9	16.5	19.0	18.0	19.0	18.0	17.0	21.0	15.0	18.0
22	19.0	21.0	18.9	17.8	19.0	18.0	18.0	18.0	16.5	21.0	15.0	16.0
23	18.0	23.5	21.0	15.6	19.0	20.0	18.5	18.5	16.5	22.0	15.0	18.0
24	18.0	21.5	20.0	15.7	19.0	16.5	18.0	17.0	16.5	21.5	15.5	16.5
25	16.0	18.5	20.0	18.9	19.0	16.5	17.0	19.0	18.0	21.5	16.5	17.0
26	18.0	23.5	18.9	17.8	19.0	15.5	17.0	18.0	19.0	21.0	17.0	16.5
27	18.0	26.5	24.0	18.9	19.0	15.5	18.0	13.0	19.5	20.0	18.5	20.5
28	18.0	21.5	21.0	19.0	18.0	15.5	17.0	17.0	19.0	20.0	19.5	21.0
29	21.0		21.0	19.0	19.0	16.5	18.0	16.5	18.0	20.5	19.0	22.0
30	21.0		21.0	18.9	19.0	16.5	18.5	16.5	18.0	16.0	19.5	21.0
31	21.0		19.0		19.0		18.0	16.5		15.0		19.0
Prom. Mens	19.7	21.5	22.1	17.8	19.4	17.9	17.6	17.1	17.0	18.4	17.2	18.0

PROMEDIO ANUAL: 18.1

[illegible]

[illegible]

Long. [illegible]

Alt. [illegible] del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA [illegible] C/ 00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	23.9	16.7	-	-	-	16.[illegible]		17.[illegible]	-	17.5	17.[illegible]	17.2
2	-	18.7	-	-	-	19.[illegible]	-	-		17.8	16.[illegible]	17.[illegible]
3	19.4	20.0	-	-	-	17.0	-	-	-	17.8	21.[illegible]	15.6
4	19.4	17.2	-	-	-	17.0	17.[illegible]	-	-	18.[illegible]	16.8	16.7
5	19.4	17.2	-	-	-	17.[illegible]	17.2	17.2		18.3	15.6	16.7
6	18.9	-	-	-	-	16.1	17.2	-	-	16.7	15.0	17.8
7	18.9	17.8	-	-	-	17.0	-	-	-	17.2	17.2	19.4
8	20.0	18.3	-	-	-	16.[illegible]	15.6	-	-	17.8	16.7	17.[illegible]
9	20.0	18.3	-	-	-	17.0	16.1	17.[illegible]	-	16.1	17.8	16.7
10	19.4	20.0	-	-	-	17.0	-	-	-	17.2	17.8	15.6
11	20.0	21.7	-	-	-	18.0	16.7	20.5	-	16.1	18.9	17.8
12	18.3	20.6	-	-	-	17.0	15.6	16.1	-	16.7	16.7	16.7
13	20.0	22.2	-	-	-	20.0	-	18.[illegible]	-	16.7	20.[illegible]	16.1
14	21.7	-	-	-	-	19.0	20.6	16.[illegible]	18.3	16.1	17.8	16.7
15	20.6	22.7	-	-	-	19.0	16.1	16.[illegible]	20.6	16.7	17.8	18.9
16	20.6	-	-	-	-	18.3	17.2	16.1	16.7	15.6	15.6	18.8
17	20.0	17.2		-	-	19.0	-	17.2	16.7	15.6	17.8	17.2
18	20.6	24.4		-	-	21.[illegible]	17.2	-	-	16.7	16.[illegible]	17.2
19	18.3	-	-	-	-	18.3	-	15.6	-	17.2	17.2	18.9
20	21.1	23.3	-	-	-	17.0	20.6	18.[illegible]	-	17.2	16.7	19.4
21	21.1	25.6	-	-	-	17.2	-	19.0	17.2	21.1	15.6	18.3
22	20.0	21.1	-	-	-	18.3	20.0	18.0	16.7	21.1	15.6	18.9
23	-	21.1	-	-	-	21.1	-	17.0	15.6	21.1	15.6	18.3
24	21.1	22.7	-	-	-	18.0	21.1	20.0	16.1	21.1	15.6	17.8
25	18.3	-	-	-	-	17.0	-	16.1	16.7	20.8	15.6	18.3
26	18.3	23.8	-	-	-	17.0	17.2	-	16.1	21.1	16.7	16.1
27	18.9	26.1	-	-	-	21.1	-	-	17.2	21.7	17.2	16.7
28	18.3	23.3	-	-	-	17.0	17.0	-	18.3	20.0	17.2	20.0
29	20.0	-	-	-	-	16.1	16.1	20.5	18.3	20.0	16.7	21.1
30	20.6	-	-	-	-	17.0	-	-	17.8	20.0	16.7	23.3
31	18.9	-	-	-	-	-	-	-	-	18.3	-	20.6
Prom. Mens.	19.9	20.9	-	-	-	18.[illegible]	17.6	[illegible]		18.[illegible]	17.[illegible]	18.[illegible]

PROMEDIO ANUAL : 18.4

Lat. 04° 34' S.
Long. 81° 15' W. de G.
Alt. 87 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 13.00

Dias	ENE	FEB.	MAR	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	20.6	20.0	-	-	-	19.0	-	18.3	-	18.0	17.8	17.2
2	20.0	20.6	-	-	-	19.0	-	-	-	18.3	18.3	18.3
3	20.0	21.7		-	-	19.0	-	-	-	17.7	17.2	17.2
4	-	20.0	-	-	-	19.0	21.0	16.7	-	17.8	18.3	16.3
5	20.6	20.6	-	-	-	19.0	21.0	16.7	-	17.2	17.2	16.7
6	22.2	20.6	-	-	-	19.0	21.0	-	-	17.8	21.1	18.3
7	22.8	20.6	-	-	-	20.5	19.4	-	-	16.7	18.3	18.3
8	17.8	21.0	-	-	-	22.2	-	-	-	17.2	21.1	18.3
9	20.0	23.9	-	-	-	20.5	21.1	17.0	-	16.7	20.6	19.0
10	17.2	23.3	-	-	-	19.0	-	-	-	16.7	20.0	17.2
11	22.8	23.3	-	-	-	20.0	19.4	18.0	-	16.7	19.4	17.2
12	20.0	21.7	-	-	-	22.0	15.6	-	-	16.7	19.4	19.4
13	20.0	21.7			-	21.1	18.9	17.2	-	17.8	18.1	17.8
14	22.8	22.8	-	-	-	20.5	21.7	18.0	18.9	15.6	19.0	18.3
15	19.4	23.8	-	-	-	20.0	17.8	18.0	-	17.8	18.3	21.1
16	22.8	-		-	-	19.0	17.2	17.0	-	16.7	17.2	18.3
17	22.2	-	-	-		20.5	18.3	18.0	17.2	17.2	17.2	16.1
18	21.2	21.1		-	-	22.0		18.0	17.2	15.0	17.2	18.3
19	21.1	27.2	-			21.1	16.7	17.0		19.4	16.7	16.7
20	20.0	26.1	-	-		22.0	21.1	19.0	-	16.1	17.2	20.0
21	20.0	23.3	-	-	-	21.1	-	17.2	17.2	22.2	17.8	17.8
22	21.1	23.3	-	-		19.4	-	17.3	17.2	22.2	17.8	17.8
23	17.2	17.8				23.0	-	18.0	18.9	21.7	20.0	17.2
24	20.6	16.7			-	20.0	21.7	16.0	17.2	22.8	17.8	16.1
25	18.9	26.1			-	18.0	17.2		18.7	22.8	17.0	17.8
26	20.0	-	-	-		20.0	-	-	17.2	21.7	19.4	17.8
27	20.0	27.2	-	-	-	20.0	-	-	19.4	20.1	17.2	17.8
28	20.0		-	-	-	20.0	24.4	-	18.9	21.7	18.3	20.5
29	20.0	-	-	-		20.0	-	-	18.3	21.7	17.2	22.2
30	20.0	-	-	-		18.0	-	-	18.3	17.8	18.3	22.2
31	20.0						-		-	20.0	-	21.1
Prom. Mens.	[illegible]					[illegible]	[illegible]	17.[illegible]	-	[illegible]	18.3	18.4

PROMEDIO [illegible]

Lat. 34° 34' S.
Long. 81° 15' W. de G.
Alt. 87 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 18.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	[illegible]	[illegible]	-	-		[illegible]	-	18.9	-	17.2	17.8	18.9
	[illegible]	[illegible]	-	-		[illegible]	-	20.6	-	17.2	18.3	18.3
3	[illegible]	[illegible]	-	-	-	[illegible]	-	-	-	17.6	16.7	18.9
4	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	-	-	17.7	16.7	18.8
5	[illegible]		-	-		[illegible]	20.0	16.7	-	18.3	15.6	16.1
6	[illegible]	[illegible]	-	-		[illegible]	-	-	-	17.7	17.8	17.8
7	[illegible]	[illegible]	-	-	-	[illegible]	18.0	-	-	17.2	17.0	18.3
8	[illegible]	[illegible]	-	-	-	[illegible]	16.7	-	-	17.0	18.9	17.2
9	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	15.6	-	16.7	20.0	15.6
10	-	-	-	-		[illegible]	-	-	-	17.8	18.3	16.3
11	[illegible]	[illegible]	-	-	-	[illegible]	17.2	17.2	-	16.7	18.3	15.6
12	[illegible]	[illegible]	-	-	-	[illegible]	17.2	-	-	16.7	18.9	16.8
13	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	19.0	-	16.7	18.9	16.7
14	[illegible]	[illegible]	-	-	-	[illegible]	-	19.0	20.6	16.7	18.8	17.2
15	[illegible]	-	-	-	-	[illegible]	[illegible]	17.2	-	17.2	18.3	19.4
16	[illegible]		-	-	-	[illegible]	[illegible]	17.2	-	15.6	16.8	17.8
17	[illegible]	[illegible]	-	-	-	[illegible]	-	19.0	17.8	17.8	[illegible]	[illegible]
18	[illegible]	[illegible]	-	-	-	[illegible]	-	17.0	-	17.8	16.5	18.8
19	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	[illegible]	-	16.7	16.7	18.9
20	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	[illegible]	-	16.0	15.6	18.9
21	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
22	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
23	[illegible]	[illegible]	-	-	-	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
24	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
25	[illegible]	[illegible]	-	-	-	[illegible]	-	-	[illegible]	[illegible]	[illegible]	[illegible]
26	[illegible]	[illegible]	-	-	-	[illegible]	-	-	[illegible]	[illegible]	[illegible]	[illegible]
27	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]
28	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
29	[illegible]	-	-	-	-	[illegible]	-	-	[illegible]	[illegible]	[illegible]	[illegible]
30	[illegible]	-	-	-	-	[illegible]	-	-	[illegible]	[illegible]	[illegible]	[illegible]
31	[illegible]	-	-	-	-		-	-	-	[illegible]	-	[illegible]
Prom. Mens.	[illegible]	[illegible]	-	-	-	[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]

PROMEDIO ANUAL : [illegible]

P A I T A

Lat. 05° 04' S.
Long. 81° 07' W. de G.
Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 07.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	14.0	14.0	-	-	-	18.0	-	-	-	-	-	-
2	15.0	14.0	-	-	-	18.0	15.0	-	-	-	-	-
3	14.0	-	-	-	-	-	16.0	-	-	-	-	-
4	15.0	15.0	-	-	-	18.0	15.0	-	-	-	-	-
5	14.0	-	-	-	-	18.0	15.0	-	-	-	-	-
6	15.0	14.0	-	-	-	-	16.0	-	-	-	-	-
7	14.0	15.0	-	-	-	15.0	15.0	-	-	-	-	-
8	14.0	-	-	-	-	-	-	-	-	-	-	-
9	15.0	15.0	-	-	-	15.0	-	-	-	-	-	-
10	14.0	16.0	-	-	-	15.0	-	-	-	-	-	-
11	15.0	-	-	-	-	15.0	-	-	-	-	-	-
12	14.0	-	-	-	-	15.0	15.0	-	-	-	-	-
13	15.0	-	-	-	-	15.0	16.0	-	-	-	-	-
14	14.0	-	-	-	-	15.0	15.0	-	-	-	-	-
15	15.0	14.0	-	-	-	16.0	15.0	-	-	-	-	-
16	14.0	15.0	-	-	-	15.0	16.0	-	-	-	-	-
17	15.0	-	-	-	-	-	15.0	-	-	-	-	-
18	14.0	17.0	-	-	-	16.0	16.0	-	-	-	-	-
19	15.0	15.00	-	-	-	15.0	16.0	-	-	-	-	-
20	14.0	-	-	-	-	15.0	15.0	-	-	-	-	-
21	15.0	-	-	-	-	16.0	-	-	-	-	-	-
22	15.0	-	-	-	-	15.0	-	-	-	-	-	-
23	15.0	15.0	-	-	-	16.0	15.0	-	-	-	-	-
24	15.0	15.0	-	-	-	17.0	16.0	-	-	-	-	-
25	14.0	-	-	-	-	15.0	15.0	-	-	-	-	-
26	14.0	15.0	-	-	-	15.0	-	-	-	-	-	-
27	15.0	-	-	-	-	16.0	15.0	-	-	-	-	-
28	14.0	14.0	-	-	-	-	-	-	-	-	-	-
29	14.0	-	-	-	-	17.0	-	-	-	-	-	-
30	15.0	-	-	-	-	16.0	-	-	-	-	-	-
31	14.0	-	-	-	-	-	15.0	-	-	-	-	-
Prom. Mens.	14.4	-	-	-	-	15.8	15.7	-	-	-	-	-

Lat. 05° 04' S.
Long. 81° 07' W. de G.
Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 13.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DI
1	15.0	15.0	-	-	-	19.0	-	-	-	-	-	-
2	15.0	15.0	-	-	-	18.0	16.0	-	-	-	-	-
3	16.0	-	-	-	-	-	16.0	-	-	-	-	-
4	15.0	15.0	-	-	-	19.0	17.0	-	-	-	-	-
5	16.0	-	-	-	-	18.0	17.0	-	-	-	-	-
6	16.0	16.0	-	-	-	-	17.0	-	-	-	-	-
7	15.0	16.0	-	-	-	16.0	16.0	-	-	-	-	-
8	15.0	-	-	-	-	-	-	-	-	-	-	-
9	16.0	16.0	-	-	-	16.0	-	-	-	-	-	-
10	15.0	-	-	-	-	16.0	-	-	-	-	-	-
11	15.0	-	-	-	-	16.0	-	-	-	-	-	-
12	16.0	-	-	-	-	16.0	17.0	-	-	-	-	-
13	15.0	-	-	-	-	16.0	16.0	-	-	-	-	-
14	15.0	-	-	-	-	17.0	16.0	-	-	-	-	-
15	16.0	15.0	-	-	-	16.0	16.0	-	-	-	-	-
16	15.0	16.0	-	-	-	16.0	16.0	-	-	-	-	-
17	16.0	-	-	-	-	-	17.0	-	-	-	-	-
18	15.0	-	-	-	-	16.0	15.0	-	-	-	-	-
19	16.0	17.0	-	-	-	16.0	16.0	-	-	-	-	-
20	16.0	-	-	-	-	16.0	15.0	-	-	-	-	-
21	15.0	-	-	-	-	16.0	-	-	-	-	-	-
22	16.0	-	-	-	-	17.0	-	-	-	-	-	-
23	16.0	18.0	-	-	-	16.0	16.1	-	-	-	-	-
24	15.0	17.0	-	-	-	16.0	17.0	-	-	-	-	-
25	16.0	-	-	-	-	16.0	16.0	-	-	-	-	-
26	15.0	15.0	-	-	-	16.0	-	-	-	-	-	-
27	16.0	-	-	-	-	16.0	16.0	-	-	-	-	-
28	15.0	16.0	-	-	-	-	-	-	-	-	-	-
29	15.0	-	-	-	-	16.0	-	-	-	-	-	-
30	16.0	-	-	-	-	16.0	-	-	-	-	-	-
31	15.0	-	-	-	-	-	17.0	-	-	-	-	-
Prom. Mens.	15.4	-	-	-	-	16.5	16.2	-	-	-	-	-

PROMEDIO ANUAL :

Lat. 05° 04' S
Long. 81° 07' W. de G.
Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 18.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	15.0	15.0	-	-	-	18.0	-	-	-	-	-	-
2	15.0	16.0	-	-	-	19.0	16.0	-	-	-	-	-
3	15.0	-	-	-	-	-	17.0	-	-	-	-	-
4	15.0	15.0	-	-	-	18.0	16.0	-	-	-	-	-
5	15.0	-	-	-	-	19.0	16.0	-	-	-	-	-
6	15.0	15.0	-	-	-	-	17.0	-	-	-	-	-
7	15.0	15.0	-	-	-	15.0	16.0	-	-	-	-	-
8	15.0	-	-	-	-	-	-	-	-	-	-	-
9	15.0	15.0	-	-	-	14.0	-	-	-	-	-	-
10	15.0	-	-	-	-	16.0	-	-	-	-	-	-
11	17.0	-	-	-	-	15.0	-	-	-	-	-	-
12	15.0	-	-	-	-	16.1	17.0	-	-	-	-	-
13	15.0	-	-	-	-	15.5	17.0	-	-	-	-	-
14	15.0	-	-	-	-	16.0	17.0	-	-	-	-	-
15	15.0	15.0	-	-	-	14.0	17.0	-	-	-	-	-
16	15.0	15.0	-	-	-	16.0	17.0	-	-	-	-	-
17	15.0	-	-	-	-	-	16.0	-	-	-	-	-
18	15.0	-	-	-	-	15.0	17.0	-	-	-	-	-
19	15.0	17.0	-	-	-	17.0	17.0	-	-	-	-	-
20	15.0	-	-	-	-	17.0	17.0	-	-	-	-	-
21	15.0	-	-	-	-	17.0	-	-	-	-	-	-
22	15.0	-	-	-	-	17.0	-	-	-	-	-	-
23	15.0	15.0	-	-	-	16.0	17.0	-	-	-	-	-
24	15.0	16.0	-	-	-	16.0	17.0	-	-	-	-	-
25	15.0	-	-	-	-	16.0	17.0	-	-	-	-	-
26	15.0	16.0	-	-	-	17.0	-	-	-	-	-	-
27	15.0	-	-	-	-	16.0	17.0	-	-	-	-	-
28	15.0	17.0	-	-	-	-	-	-	-	-	-	-
29	15.0	-	-	-	-	16.0	-	-	-	-	-	-
30	15.0	-	-	-	-	16.0	-	-	-	-	-	-
31	-		-	-	-	-	17.0	-	-	-	-	-
Prom.	-	-	-	-	-	16.3	16.7	-	-	-	-	-
Cons.												

Long. 79° 57' M. de G.

Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 07.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	18.0	17.5	-	-	-	17.5	16.5	16.5	15.5	16.0	15.5	17.0
2	17.0	16.5	-	-	-	16.5	-	16.0	15.5	16.0	17.5	16.5
3	18.5	16.5	-	-	-	17.5	-	15.5	16.5	16.5	17.5	17.5
4	18.0	17.5	-	-	-	-	16.5	15.5	15.5	16.0	16.0	17.5
5	18.5	17.0	-	-	-	17.0	17.0	16.0	16.0	15.0	17.5	16.5
6	17.5	16.0	-	-	-	16.5	16.0	15.5	16.5	16.0	18.0	17.0
7	17.0	16.5	-	-	-	16.0	16.5	16.0	16.5	16.5	16.5	16.5
8	17.5	1-	-	-	-	-	-	-	15.5	16.0	17.0	16.5
9	18.0	16.0	-	-	-	16.5	-	15.5	15.5	16.0	16.5	17.0
10	19.0	16.0	-	-	-	16.5	16.0	-	15.5	15.5	17.0	16.0
11	18.0	17.0	-	-	-	-	16.0	16.0	16.0	15.5	17.5	16.5
12	18.0	17.0	-	-	-	16.5	-	-	16.0	15.5	17.0	16.5
13	18.0	17.5	-	-	-	16.0	16.0	-	16.0	16.0	17.0	17.0
14	18.0	18.0	-	-	-	16.0	-	16.0	16.0	15.5	16.5	17.0
15	18.0	19.0	-	-	-	16.5	15.5	16.0	16.5	15.5	18.5	16.5
16	18.0	18.0	-	-	-	16.5	-	-	15.5	15.5	17.0	18.0
17	18.0	17.5	-	-	-	17.0	16.0	-	16.0	16.0	17.0	18.0
18	18.0	-	-	-	-	-	16.0	15.5	16.0	16.0	16.0	18.5
19	18.0	-	-	-	-	16.5	15.5	16.0	16.5	15.5	16.0	18.0
20	17.0	-	-	-	-	16.0	15.5	-	16.0	16.5	17.0	17.5
21	16.5	16.5	-	-	-	16.5	16.0	16.0	16.0	15.0	17.0	16.5
22	16.0	17.5	-	-	-	17.0	16.5	15.5	16.0	15.0	17.0	16.5
23	18.5	17.0	-	-	-	16.5	-	16.0	16.0	16.0	16.5	17.0
24	17.0	16.0	-	-	-	16.5	15.5	-	16.0	15.5	17.0	18.5
25	16.5	[illegible]	-	-	-	-	16.0	-	16.0	15.5	17.0	18.0
26	16.0	19.0	-	-	-	16.0	15.5	15.5	16.0	15.5	17.0	17.0
27	16.5	18.5	-	-	-	16.5	16.0	-	17.0	16.5	16.5	17.0
28	16.5	18.0	-	-	-	16.0	16.5	16.5	16.0	17.0	17.0	17.0
29	16.5	-		-	-	-	-	16.5	15.5	16.5	16.0	18.0
30	16.5	-	-	-	-	-	16.5	-	16.5	17.5	17.0	18.0
31	17.0	-	-	-	-	-	-	16.0	-	-	-	18.0
Prom. Mens.	17.5	17.5	-	-	-	16.5	16.1	15.9	16.0	15.9	16.9	17.2

PROMEDIO ANUAL : 16.6

Nota - Esta Estación toma sólo observaciones de horas 07.00

Lat. 07° 41' S.
Long. 79° 34' W. de G.
Alt. 4 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR EN BAHIA A HORAS 7.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	15.0	15.0	16.0	7.0	15.0	15.0	15.5	15.0	15.0	14.5	16.0	15.0
2	16.0	14.5	16.0	6.0	14.5	15.0	15.5	15.0	15.0	14.5	16.0	14.0
3	15.0	15.0	16.0	7.0	14.5	15.0	15.5	15.0	14.5	14.5	15.5	14.0
4	15.0	17.0	16.0	7.5	15.0	15.0	15.5	15.0	15.0	14.0	15.0	14.5
5	15.0	17.0	16.0	7.5	15.0	15.0	15.5	15.0	15.0	14.5	15.0	14.0
6	15.0	17.0	17.0	6.0	15.0	15.0	15.5	15.0	15.0	14.0	14.0	14.0
7	15.0	17.0	17.0	15.5	15.0	15.0	16.0	15.0	15.0	14.5	15.0	14.5
8	15.5	15.5	17.0	16.0	15.0	15.0	15.5	15.0	15.0	14.0	14.5	14.0
9	15.5	15.5	17.0	16.0	15.0	15.0	15.5	15.0	15.0	14.0	14.5	14.0
10	15.0	17.0	17.0	16.0	15.0	15.0	15.5	15.0	15.0	14.0	15.0	14.0
11	16.0	15.0	17.0	6.0	15.0	15.0	15.5	15.0	14.5	14.5	14.5	14.0
12	15.0	15.0	17.0	15.5	15.0	15.0	15.5	15.0	14.0	14.5	14.5	14.0
13	15.0	15.0	16.0	15.5	15.0	15.0	15.0	16.0	14.5	14.0	15.0	14.5
14	15.0	16.0	15.5	7.0	15.0	15.0	15.0	15.0	14.0	14.0	14.0	14.5
15	15.0	15.5	16.0	7.5	15.0	15.0	15.0	15.0	14.5	14.0	15.0	14.5
16	15.0	15.5	17.0	7.5	15.0	15.0	15.0	14.5	14.5	14.0	14.5	14.5
17	16.0	15.0	18.0	7.5	15.0	15.5	14.5	14.5	14.5	14.5	14.0	14.5
18	15.0	15.0	16.5	5.5	15.0	15.5	15.0	15.0	15.0	14.5	14.5	15.0
19	15.0	15.0	16.5	5.5	15.0	15.5	15.0	15.0	14.5	14.0	14.5	14.5
20	15.5	15.0	16.0	15.0	15.0	15.5	15.0	15.0	14.5	14.0	15.0	14.5
21	15.5	15.0	16.0	5.5	15.0	15.5	15.0	15.0	14.5	14.0	14.5	15.0
22	15.0	16.0	15.5	7.0	15.5	15.5	15.0	15.0	14.5	14.0	14.5	14.5
23	15.5	15.0	15.0	5.5	15.0	15.5	15.0	15.0	14.5	14.0	14.5	14.5
24	15.0	15.0	15.5	15.0	15.5	15.5	15.0	15.0	14.5	14.5	14.5	14.5
25	15.0	16.0	16.0	5.0	15.5	15.0	15.0	15.0	14.5	14.5	14.5	14.5
26	14.5	16.0	15.5	5.0	15.5	15.5	14.5	14.5	14.5	14.0	14.5	15.0
27	15.0	16.5	16.5	15.0	15.5	15.5	15.0	14.5	14.0	14.5	14.0	14.5
28	15.0	16.0	16.0	7.0	15.0	15.5	14.5	14.5	14.5	14.5	14.5	15.0
29	15.0		15.5	15.0	15.5	15.5	15.0	14.5	14.5	17.0	14.0	15.0
30	15.0		15.0	15.0	15.5	15.5	14.5	14.5	14.5	17.0	14.0	14.5
31	15.5		15.5		15.0		15.0	14.5	—	17.0	—	14.5
Prom.	15.3	15.9	16.1	9.1	15.1	15.2	15.1	14.9	14.6	14.5	14.6	14.4
Men.												

PR[illegible] 5

Lat. 07° 41' S.
Long. 79° 14' W. de G.
Alt. 4 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 16.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	16.0	15.0	17.0	16.0	16.0	16.0	16.5	15.5	15.5	15.0	16.0	15.0
2	16.0	16.0	17.0	16.5	16.0	16.0	16.0	15.5	15.5	15.0	16.0	15.0
3	16.0	15.5	17.0	15.5	16.0	16.0	16.0	15.5	15.0	14.0	15.5	15.0
4	16.0	15.0	17.5	16.0	15.5	16.5	16.0	15.5	15.5	15.0	15.0	15.0
5	17.0	16.5	17.5	16.5	15.0	16.0	16.0	15.5	15.5	14.5	15.5	15.5
6	16.5	16.5	17.0	16.5	15.5	16.0	16.0	16.0	15.5	15.0	15.0	15.0
7	16.5	16.0	17.0	16.0	15.5	16.0	16.0	16.0	15.5	15.0	14.0	15.0
8	17.0	16.0	17.5	17.0	15.0	16.0	16.0	15.5	15.5	15.0	15.0	14.5
9	16.0	16.0	18.0	16.5	16.0	16.0	16.0	15.5	15.5	15.0	15.5	14.5
10	17.0	16.0	18.0	16.5	15.5	16.0	16.0	15.5	15.0	15.0	15.5	14.5
11	16.0	16.0	18.0	16.5	15.5	16.0	16.0	15.5	15.0	15.5	15.5	15.0
12	17.0	16.5	18.0	16.5	16.0	16.0	16.0	15.5	15.5	15.0	15.0	15.5
13	16.0	17.0	17.5	16.0	16.0	16.0	15.5	16.5	15.0	14.5	15.5	15.0
14	16.0	18.0	17.0	16.0	15.5	16.0	15.5	15.0	16.0	14.5	15.5	15.5
15	16.5	16.5	16.5	16.0	15.5	16.0	15.5	15.5	16.0	14.5	15.0	15.5
16	17.0	17.5	18.5	16.0	15.5	16.0	15.5	15.5	15.5	15.0	15.0	15.5
17	16.0	17.0	18.5	16.0	15.5	16.0	15.0	15.0	15.5	15.0	15.5	15.0
18	16.0	16.0	17.5	16.5	15.5	16.0	15.0	15.5	15.0	15.5	15.0	15.5
19	16.0	17.0	17.5	16.5	15.5	16.0	16.0	15.5	15.0	15.0	15.0	15.5
20	17.0	17.5	17.0	16.0	15.5	16.0	16.0	15.5	15.0	15.0	15.0	15.5
21	16.5	16.5	17.0	15.5	15.5	16.0	16.0	15.5	15.0	15.0	15.0	15.5
22	16.5	17.5	16.5	16.0	16.0	16.0	16.0	15.5	15.0	15.0	15.0	15.5
23	16.5	16.0	16.5	15.5	15.5	15.5	16.0	15.0	15.0	15.0	14.5	15.0
24	15.5	17.0	16.5	15.5	16.0	16.0	15.5	15.5	15.0	15.5	15.5	15.5
25	16.0	17.5	16.5	15.5	16.0	16.0	14.5	15.5	15.5	15.0	15.5	15.5
26	16.0	18.0	16.5	15.5	15.5	16.0	15.0	15.0	14.5	15.0	15.5	15.5
27	15.0	18.0	16.5	15.5	15.5	16.0	15.5	15.5	14.5	15.0	15.5	15.5
28	16.0	17.5	16.0	15.0	15.5	16.0	15.0	15.0	15.0	15.0	15.0	15.5
29	15.5	-	16.0	16.0	16.5	16.0	15.0	15.0	15.0	18.0	14.0	16.0
30	16.0	-	15.5	15.5	16.0	16.0	15.0	15.0	15.0	17.0	15.0	16.0
31	16.0	-	16.5	-	16.0	-	15.5	15.5	-	16.5	-	16.0
Prom. Mens.	16.2	16.6	17.1	16.0	15.6	16.0	15.7	15.4	15.2	15.2	15.2	15.3

PROMEDIO ANUAL : 15.9

Lat. 09° 05' S.

Long. 78° 35' W. de G.

Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADO A HORAS 07.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	18.0	17.0	-	-	-	15.0	15.0	-	17.0	-	14.8	17.5
2	18.2	-	9.0	-	-	14.0	-	14.0	17.0	16.6	14.6	17.0
3	-	-	18.0	15.0	-	14.0	-	14.5	15.5	-	16.6	17.2
4	17.0	-	18.0	15.0	15.0	-	15.0	15.0	16.6	15.6	18.2	17.0
5	18.0	-	-	18.0	-	14.0	16.0	14.0	16.0	-	17.0	18.0
6	17.0	-	18.0	-	-	14.0	-	-	16.0	16.0	17.5	16.0
7	17.0	17.8	17.6	-	-	-	-	16.0	16.0	17.0	17.6	17.0
8	18.0	-	-	18.0	18.0	-	-	15.7	15.5	14.5	18.2	17.0
9	-	-	8.0	-	16.0	-	-	-	16.0	-	18.0	17.0
10	-	8.0	17.0	18.0	17.0	14.0	-	15.0	15.5	-	18.0	17.0
11	-	-	18.5	-	15.0	-	-	15.0	16.5	-	16.2	17.0
12	20.0	19.0	-	18.0	18.0	18.0	-	16.2	16.0	-	17.0	17.0
13	19.0	-	-	-	-	-	-	-	16.0	-	14.5	18.0
14	18.5	-	18.0	-	-	15.0	-	-	16.0	-	16.5	18.0
15	17.0	17.0	18.0	-	18.0	16.0	-	-	15.0	-	16.6	18.0
16	17.0	-	18.0	-	18.0	15.0	-	15.0	16.0	-	17.0	18.0
17	18.0	-	18.5	18.0	18.0	17.0	18.0	-	-	-	17.0	18.5
18	20.4	-	-	18.0	-	-	18.0	15.0	16.5	14.0	16.0	18.0
19	18.0	-	-	17.5	18.0	-	-	15.2	-	14.6	16.0	18.0
20	20.6	18.0	18.0	16.0	18.0	15.0	-	-	-	14.2	16.2	18.5
21	18.0	17.0	-	-	-	16.0	-	15.3	-	15.6	16.8	18.5
22	18.0	-	18.0	17.0	-	-	15.0	15.4	16.8	-	17.2	18.0
23	19.0	-	-	-	18.0	-	-	14.6	-	15.4	18.0	18.5
24	18.0	-	-	-	-	-	-	15.5	-	16.0	17.0	17.5
25	18.0	18.0	-	-	18.0	16.0	-	-	16.0	16.5	17.0	18.0
26	18.0	-	-	-	18.0	-	15.0	16.0	16.3	16.0	17.0	18.5
27	17.0	-	18.0	18.0	-	-	-	-	16.5	16.0	16.5	18.5
28	17.0	17.0	17.0	-	-	-	-	16.0	16.6	16.0	17.0	18.5
29	17.5	-	-	-	18.0	-	-	16.8	16.6	-	17.0	18.0
30	18.0	-	18.0	-	15.0	-	-	-	-	16.5	17.5	18.0
31	19.0	-	-	-	18.0	-	-	-	-	16.0	-	18.0
Prom. Mens.	18	-	-	-	-	-	-	-	-	-	16.0	17.7

PROMED

[illegible]

Lat. [illegible]

Long. 78° 45' W. de G.

Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS [illegible]

Días	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SET	OCT.	NOV.	DIC.
1	18.0	19.[illegible]	-	-	-	15.0	15.[illegible]	-	17.0	-	16.0	19.5
2	19.0	19	[illegible]	-	-	14.0	-	15.0	17.0	17.0	15.0	18.5
3	-	-	19.0	17.0		15.0	-	14.5	16.5	-	17.0	18.0
4	18.5	-	19.5	17.0	15.0	-	14.0	16.0	17.0	16.0	20.[illegible]	18.0
5	18.0	-		19.0	-	14.0	15.[illegible]	15.0	15.6	-	18.5	18.5
6	18.6	-	19.0	-	-	14.2	-	-	16.0	16.0	17.5	18.0
7	19.0	18.5	19.0	-	-	-	-	16.0	16.5	17.0	17.0	18.0
8	19.0	-	-	17.0	16.0	-	-	16.5	16.4	14.0	19.0	18.0
9	-	-	19.0	-	16.0	-	-	-	16.4	-	19.5	18.0
10	-	20.0	18.0	18.0	16.0	14.0	-	15.3	17.0	-	16.0	17.5
11	-	-	19.5	-	16.0	-	-	16.0	16.0	-	17.0	18.0
12	-	19.0	-	18.0	16.0	14.0	-	16.0	16.4	-	17.5	19.0
13	19.0	-	-	-	-	-	-	-	16.2	-	14.0	17.[illegible]
14	-	-	19.0	17.0	-	15.0	-	-	16.[illegible]	-	15.0	18.[illegible]
15	18.0	18.0	19.5	18.0	15.0	16.0	-	-	16.6	-	18.0	18.0
16	19.0	-	21.5	-	16.0	16.0	-	16.0	16.5	-	19.0	19.0
17	20.0	-	19.0	18.0	16.0	16.0	15.0	-	-	-	18.0	18.0
18	21.0	-	-	18.0	-	-	16.0	16.0	17.0	14.5	17.0	17.5
19	2[illegible].0	-	-	17.5	16.0	-	-	16.0	-	14.0	17.5	19.5
20	17.5	20.0	19.0	19.5	14.0	15.0	-	-	-	14.0	17.0	18.0
21	17.0	18.0	-	-	-	15.0	-	16.0	-	16.0	18.0	19.0
22	19.0	19.[illegible]	19.5	18.0	-	-	15.0	16.0	16.5	-	18.0	19.0
23	19.0	20.[illegible]	19.0	17.0	14.0	-	-	15.8	-	16.0	18.0	18.5
24	17.0	20.0	-	-	-	-	-	16.0	-	16.5	19.0	18.0
25	19.0	21.0	-	-	15.0	15.0	-	-	16.0	16.4	18.0	18.5
26	19.5	-	-	18.0	16.0	14.6	15.5	16.2	16.5	16.6	18.5	20.0
27	20.4	-	18.0	18.0	-	-	-	-	16.5	-	18.0	20.0
28	19.0	19.3	17.5	-	-	-	-	16.0	16.7	16.0	18.0	19.0
29	18.0	-	-	-	15.0	-	-	17.0	17.0	-	19.0	19.0
30	25.5	-	21.0	-	15.0	-	-	-	-	17.0	19.0	19.0
31	22.0	-	-	-	14.0	-	-	-	-	16.0	-	18.5
Prom. Mens.	19.3	-	19.[illegible]	17.[illegible]	15.[illegible]	14.8		15.8	16.5	15.8	17.6	18.5

PROMEDIO ANUAL [illegible]

C H I M B O T E

Lat. 09° 05' S.
Long. 78° 35' W. de G.
Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 18.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	-	19.0	-	-	-	15.0	15.2	-	17.0	-	15.0	17.8
2	21.0	19.6	20.0	-	-	15.0	-	15.0	16.6	16.8	15.0	18.8
3	-	-	20.0	17.0	-	15.0	-	15.0	15.5	-	17.0	18.0
4	20.0	-	21.0	17.0	18.0	-	15.0	15.2	16.6	17.2	19.0	18.5
5	20.0	-	-	18.0	-	14.0	15.2	15.0	16.6	-	18.6	18.0
6	-	-	20.0	-	-	14.0	-	-	16.0	16.4	20.0	18.0
7	20.0	20.0	19.0	-	-	-	-	16.5	16.5	16.0	19.0	19.5
8	-	-	-	17.0	16.0	-	-	15.0	16.5	14.0	18.6	19.0
9	-	-	-	-	16.0	-	-	-	16.5	-	18.0	19.0
10	-	19.6	22.0	20.0	16.0	14.0	-	15.5	16.6	-	18.0	16.8
11	-	-	20.5	-	15.0	-	-	16.0	16.4	-	18.0	18.0
12	20.0	-	-	19.0	16.0	14.0	-	16.0	16.2	-	18.5	18.0
13	19.0	-	-	-	-	-	-	-	16.4	-	15.0	17.0
14	-	-	19.5	20.5	-	15.0	-	-	16.6	-	14.8	19.6
15	-	20.0	20.0	18.0	16.0	15.0	-	-	16.5	-	19.0	19.0
16	19.0	-	21.0	-	16.0	15.0	-	-	16.7	-	17.0	19.0
17	20.0	-	19.0	17.0	15.0	15.0	15.1	-	-	-	18.0	19.5
18	20.0	-	-	18.0	-	-	15.6	16.0	16.8	16.0	16.5	19.0
19	21.0	-	-	19.0	16.0	-	-	16.0	-	15.0	18.0	20.0
20	18.0	-	20.0	18.0	15.0	14.5	-	-	-	14.2	16.5	19.6
21	18.0	-	-	-	-	14.5	-	16.0	-	15.6	18.0	17.0
22	-	21.0	19.5	17.0	-	1-	15.0	16.0	16.4	-	18.0	18.0
23	19.0	22.0	20.2	-	15.0	-	-	16.0	-	16.0	19.2	19.0
24	19.0	21.0	-	17.0	-	-	-	16.2	-	16.5	17.0	18.5
25	23.0	20.0	-	-	16.0	15.0	-	-	16.6	16.0	18.8	19.0
26	19.0	-	-	-	15.0	15.2	15.4	16.0	16.5	17.0	17.2	19.0
27	19.6	-	20.5	17.0	-	-	-	-	16.6	-	18.0	20.0
28	19.0	20.0	19.0	17.0	-	-	-	15.6	16.5	16.0	19.0	19.0
29	-	-	-	-	15.0	-	-	17.0	16.0	-	18.0	20.0
30	24.0	-	19.5	-	16.0	-	-	-	-	17.1	19.0	20.0
31	23.5	-	-	-	15.0	-	-	-	-	15.5	-	19.0
Prom. Mens.	20.1	-	20.0	17.9	15.7	14.7	-	15.8	16.4	16.0	17.7	18.7

PROMEDIO ANUAL : 17.3

[illegible]

Long. [illegible] Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A LOCAS [illegible]

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	15.5	16.[illegible]	-	-	-	[illegible]	14.0	14.0	14.0	-	13.0	14.0
2	17.5	-	-	-	16.0	[illegible]	[illegible]	14.0	13.0	-	13.0	13.0
3	17.5	18.0		-	15.0	14.0	14.5	14.0	14.0	-	15.0	13.0
4	15.5	19.0	-	-	16.5	14.0	14.5	14.0	14.0	-	13.0	14.0
5	17.0	19.0	-	-	16.0	14.5	14.5	13.5	13.5	13.0	14.0	14.0
6	-	19.[illegible]		-	15.0	14.5	14.3	14.0	14.0	14.0	13.0	13.0
7	17.0	-	15.0	-	-	14.0	14.0	15.0	14.0	-	13.0	13.0
8	-	19.0	14.5	15.0	15.0	14.5	14.5	13.5	13.5	-	14.0	13.0
9	16.5	-	16.5	16.0	14.5	14.5	14.0	13.5	13.5	-	13.0	13.0
10	15.5	-	-	17.5	15.0	14.0	14.0	13.5	14.0	-	13.5	14.0
11	16.0	17.[illegible]	16.0	16.5	15.0	14.2	14.5	13.5	13.8	-	15.0	13.0
12	16.5	-	-	-	-	14.0	14.0	14.0	14.0	-	14.3	13.0
13	17.0	-	16.0	-	-	14.5	13.5	13.5	13.5	13.0	13.0	13.0
14	-	19.[illegible]	[illegible].5	15.5	-	14.0	14.0	14.0	-	13.0	14.0	14.0
15	-	19.[illegible]	[illegible].5	15.5	14.0	14.5	14.0	14.0	-	-	14.0	14.0
16	16.5	19.[illegible]	15.0	16.5	14.5	14.2	13.8	13.8	13.5	-	14.3	13.8
17	15.0	-	16.5	-	14.5	15.0	13.5	13.5	13.5	-	14.0	13.8
18	15.0	19.0	-	16.5	-	14.2	14.0	14.0	14.0	14.5	13.8	13.5
19		-		16.5	-	14.0	13.5	14.0	14.0	-	13.5	14.5
20	-	-	-	14.0	14.5	14.0	13.5	13.6	13.0	14.5	13.5	14.0
21	-	-	-	14.0	-	14.5	14.0	13.8	-	13.5	13.0	14.0
22	-	-	-	14.5	14.5	14.0	14.0	13.5	-	-	14.0	13.5
23	-	-	-	14.5	14.5	14.0	13.8	14.0	-	-	13.0	13.8
24	16.5	-	-	14.5	15.5	14.0	14.5	14.5	-	-	13.3	14.0
25	16.5	-	15.5	15.0	15.5	14.0	14.0	14.5	13.5	-	14.0	14.5
26	16.0	-	15.5	-	16.0	14.0	14.5	14.5	14.0	-	15.0	14.5
27	16.5	16.6	15.5	-	14.5	14.5	13.5	14.0	-	-	15.0	14.0
28	16.0	-	-	-	14.5	14.0	14.0	14.0	-	-	14.0	14.0
29	-	-	-	15.0	15.0	14.5	13.5	14.0	-	-	14.0	14.8
30	16.5	-		-	15.0	14.5	13.8	14.0	-	-	14.0	15.0
31	16.0	-			14.5	-	14.0	14.0	-	-	-	15.0
Prom. Mens.	16.3	-		15.4	15.0	14.[illegible]	14.0	[illegible].9	13.7	-	13.8	13.8

PROMEDIO ANUAL.

CHANCAY

Lat. 11° 35' S.
Long. 77° 16' W. de G.
Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 16.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	18.0	-	-	-	-	14.0	14.2	14.0	14.0	-	14.0	14.0
2	18.5	-	-	-	14.0	15.0	14.5	14.0	14.0	-	13.0	14.0
3	17.5	18.3	-	-	15.0	14.0	14.5	14.0	14.0	-	13.0	13.0
4	15.5	19.0	-	-	16.5	14.0	14.5	14.5	14.0	13.5	14.0	13.0
5	15.5	-	-	-	16.0	15.0	14.5	14.0	14.0	13.0	14.0	14.0
6	15.0	20.0	-	-	15.0	14.5	14.0	14.0	14.0	-	14.0	13.0
7	17.0	-	-	-	-	14.0	14.0	14.0	14.0	-	14.0	14.0
8	-	20.0	-	15.0	15.0	14.0	14.2	13.5	14.3	-	14.0	13.0
9	16.0	-	-	16.0	14.5	14.0	14.0	13.5	14.2	14.5	14.6	13.0
10	15.5	-	-	17.5	15.0	14.4	14.0	14.0	14.2	14.5	15.0	13.0
11	16.0	20.0	-	16.5	-	14.5	14.5	14.0	14.0	-	14.8	14.0
12	16.5	-	-	-	-	14.5	14.0	14.0	14.5	13.0	14.8	13.0
13	16.5	-	-	-	-	14.6	13.5	14.0	14.0	-	14.0	13.0
14	-	20.0	-	15.5	-	14.6	14.0	14.5	-	-	14.5	14.0
15	-	20.0	-	15.5	15.5	14.5	14.5	14.5	-	-	14.3	14.0
16	17.0	19.0	-	16.5	14.5	14.5	14.0	13.8	13.5	-	15.0	14.0
17	16.5	-	-	16.5	-	15.0	14.0	14.0	13.5	14.5	14.0	13.8
18	15.0	19.5	-	-	-	14.4	14.5	13.8	14.0	14.5	14.0	13.0
19	-	-	-	16.5	15.0	14.0	13.5	13.6	13.5	13.5	14.0	13.0
20	-	-	-	14.0	15.0	14.0	14.0	14.0	13.0	14.5	13.8	14.0
21	-	-	-	14.0	-	14.5	13.5	14.5	-	-	14.0	14.0
22	-	-	-	14.5	14.5	14.0	14.0	14.5	-	-	14.0	13.8
23	17.0	-	-	16.0	14.5	14.0	14.0	14.5	-	12.5	13.0	14.0
24	16.5	-	-	14.5	15.5	14.2	14.5	14.0	13.5	13.0	14.6	14.0
25	16.5	-	-	-	16.0	14.0	14.5	14.5	13.5	13.0	14.8	15.0
26	16.5	-	-	-	16.0	14.0	14.5	14.0	-	13.0	15.0	15.5
27	16.5	19.2	-	-	14.5	14.5	14.8	14.0	-	13.5	14.5	13.8
28	16.0	-	-	14.0	14.5	14.0	14.0	14.0	-	-	14.0	15.0
29	-	-	-	-	15.0	14.5	14.0	13.5	-	14.0	14.8	14.0
30	15.0	-	-	-	-	14.2	14.0	14.0	-	-	15.0	14.8
31	15.0	-	-	-	15.0	-	14.0	14.0	-	-	-	15.0
Prom. Mens.	15.6	-	-	15.5	15.1	14.3	14.2	14.0	13.9	13.6	14.2	13.8

PROMEDIO ANUAL : 14.4

[illegible]

[illegible] W de G

[illegible]

TEMPERATURA [illegible] A HORAS 07 00

Días	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AGO	SET.	OCT.	NOV.	DIC.
1		-	-		[illegible]	14.0	[illegible]	[illegible]	14.0	14.2	[illegible]	14.0
2		-		-	[illegible]	[illegible]	[illegible]	[illegible]	14.2	14.2	14.0	14.2
3	-	-		-	[illegible]	[illegible]	[illegible]	[illegible]	14.0	14.2	14.2	14.0
4		-		-	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.0	14.4	14.0
5				-	[illegible]	14.4	14.4	[illegible]	14.1	[illegible]	14.2	14.1
6				-	[illegible]	[illegible]	[illegible]	[illegible]	14.3	15.0	14.0	14.0
7			-	-	14.2	14.5	[illegible]	[illegible]	14.0	15.0	14.4	14.2
8	-		-	-	[illegible]	[illegible]	[illegible]	[illegible]	14.1	15.0	14.4	14.0
9	-			-	[illegible]	[illegible]	[illegible]	[illegible]	15.0	[illegible]	14.3	14.0
10			-	-	14.1	[illegible]	[illegible]	14.1	14.1	15.1	14.0	14.2
11	-	-	-		14.2	[illegible]	[illegible]	14.1	14.1	15.1	14.0	15.0
12	-	-	-	-	15.5	[illegible]	[illegible]	14.1	15.0	15.1	14.0	14.8
13	-		-	-	14.3	[illegible]	[illegible]	[illegible]	14.4	15.1	14.0	15.0
14	-	-	-	-	14.2	14.0	14.2	[illegible]	15.0	14.2	14.2	14.8
15	-	-	-	-	[illegible]	14.1	[illegible]	14.0	14.0	15.0	14.1	14.2
16	-	-	-	-	[illegible]	[illegible]	[illegible]	14.1	15.0	15.0	14.1	14.0
17	-	-	-	-	[illegible]	[illegible]	14.1	14.1	14.1	15.0	14.0	14.0
18		-	-		[illegible]	14.0	[illegible]	14.1	14.1	14.5	14.0	15.0
19	-	-	-	-	14.0	14.3	[illegible]	14.1	14.0	15.0	14.0	14.8
20	-	-	-	-	14.0	[illegible]	[illegible]	14.2	14.4	15.0	14.0	14.8
21	-	-	-		14.0	14.2	14.1	14.2	14.1	14.8	14.4	15.0
22	-	-	-	-	[illegible]	14.0	[illegible]	14.2	15.0	14.0	14.0	14.8
23	-	-	-	-	14.0	15.0	14.0	14.0	14.1	14.0	14.0	15.0
24	-	-	-	-	[illegible]	15.0	[illegible]	14.0	15.0	15.0	14.0	15.2
25	-	-	-	-	[illegible]	14.2	[illegible]	14.0	15.0	14.3	14.4	15.0
26	-	-	-	-	14.0	15.0	[illegible]	[illegible]	15.0	14.2	14.0	14.8
27	-	-	-	-	15.0	15.0	[illegible]	14.0	15.0	15.0	14.2	15.0
28	-	-	-	-	15.0	[illegible]	14.1	14.0	14.0	14.4	14.0	15.0
29	-	-	-	-	[illegible]	14.1	14.1	[illegible]	[illegible]	14.3	14.0	15.2
30			-	-	14.2	15.0	[illegible]	14.0	14.0	14.2	14.2	15.4
31	-	-	-	-	[illegible]	-	[illegible]	[illegible]	-	14.4	-	15.2
Prom.			-	-	[illegible]	[illegible]	[illegible]	[illegible]	14.4	[illegible]	14.1	14.6
Mayo												
Pro.	[illegible]											

C A L L A O

Lat. 12° 03' S.
Long. 77° 08' W. de G.
Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 13.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	-	-	-	-	14.4	14.3	15.0	14.2	14.0	14.3	14.3	14.0
2	-	-	-	-	14.2	15.0	14.5	14.2	14.2	14.4	14.4	14.2
3	-	-	-	-	15.1	15.1	14.4	14.3	14.1	14.4	15.0	14.4
4	-	-	-	-	14.3	15.1	14.5	14.0	14.1	15.2	14.4	14.0
5	-	-	-	-	15.1	14.4	14.2	14.1	14.2	14.1	14.4	14.2
6	-	-	-	-	14.3	14.4	14.4	14.2	14.1	15.1	14.4	14.0
7	-	-	-	-	15.1	15.3	14.1	14.2	14.0	14.8	14.2	14.2
8	-	-	-	-	14.4	14.3	14.1	14.4	14.3	15.0	15.0	14.0
9	-	-	-	-	14.5	14.2	14.2	14.0	14.1	15.1	14.2	14.0
10	-	-	-	-	15.0	14.3	14.2	14.3	14.2	-	14.4	14.4
11	-	-	-	-	15.1	14.2	14.0	14.2	14.2	15.3	15.0	15.0
12	-	-	-	-	15.0	14.2	14.4	14.2	14.2	14.4	14.2	14.8
13	-	-	-	-	15.0	14.3	14.3	14.2	14.2	14.5	15.0	15.0
14	-	-	-	-	14.4	14.0	14.4	14.2	14.2	14.1	14.4	15.0
15	-	-	-	-	14.4	14.5	14.4	14.2	14.2	14.2	14.4	14.4
16	-	-	-	-	14.2	14.2	14.3	14.1	14.3	15.2	15.0	14.4
17	-	-	-	-	14.4	14.3	14.3	14.1	15.1	14.2	14.4	15.0
18	-	-	-	-	15.0	14.3	14.4	14.0	14.2	15.0	14.3	15.0
19	-	-	-	-	14.2	14.3	14.3	14.2	14.2	15.2	15.0	15.0
20	-	-	-	-	14.5	14.3	14.3	14.2	14.1	15.2	14.4	14.8
21	-	-	-	-	14.2	14.2	14.2	14.1	14.2	15.0	14.3	15.0
22.	-	-	-	-	14.3	14.2	14.0	14.2	14.3	14.1	14.4	15.0
23	-	-	-	-	14.3	14.1	14.0	14.2	14.2	15.0	14.4	15.0
24	-	-	-	-	14.4	14.4	14.1	14.2	14.3	15.0	15.0	15.5
25	-	-	-	-	14.2	14.2	14.0	14.0	14.1	15.0	15.0	15.0
26	-	-	-	-	14.1	14.3	15.0	14.0	14.2	14.2	14.4	15.0
27	-	-	-	-	15.2	14.3	14.0	14.1	14.2	14.0	14.2	15.5
28	-	-	-	-	15.4	14.4	14.2	14.0	14.2	14.3	14.4	15.8
29	-	-	-	-	15.4	14.4	14.0	14.2	14.2	15.2	14.4	15.8
30	-	-	-	-	15.3	14.3	14.4	14.0	14.2	15.0	14.4	15.4
31	-	-	-	-	15.2	-	14.3	14.2	-	15.0	-	15.8
Prom. Mens.	-	-	-	-	14.7	14.4	14.3	14.2	14.2	14.7	14.5	14.8

PROMEDIO ANUAL : 14.5

[illegible]

Long. 77° 08' W. de G

Alt.

[illegible] RESERVADA A HORAS 18.00

Días	[illegible]	[illegible]	[illegible]	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
[illegible]	[illegible]	[illegible]	[illegible]	14.5	14.5	14.0	14.3	14.4	14.2
[illegible]	[illegible]	[illegible]	[illegible]	14.3	14.1	14.1	14.1	14.4	14.4
[illegible]	[illegible]	[illegible]	[illegible]	14.0	14.1	14.0	14.2	14.5	14.2
[illegible]	[illegible]	[illegible]	[illegible]	14.5	14.1	14.0	14.1	14.4	14.2
[illegible]	[illegible]	[illegible]	[illegible]	14.5	14.1	14.1	15.0	14.2	14.4
[illegible]	[illegible]	[illegible]	[illegible]	15.0	14.3	14.4	15.0	14.2	14.9
[illegible]	[illegible]	[illegible]	[illegible]	14.4	14.3	14.2	14.0	14.3	14.4
[illegible]	[illegible]	[illegible]	[illegible]	14.1	14.2	14.1	15.1	14.4	14.2
9	[illegible]	[illegible]	14.3	14.0	14.4	14.4	15.0	14.1	14.4
10	[illegible]	[illegible]	[illegible]	14.0	14.5	14.4	14.1	14.4	15.0
11	[illegible]	[illegible]	14.2	14.0	14.5	14.4	15.0	15.0	15.0
12	[illegible]	[illegible]	14.4	14.2	14.1	14.1	14.2	14.0	15.0
13	[illegible]	[illegible]	14.3	14.4	14.2	14.4	14.2	14.4	15.0
14	[illegible]	[illegible]	14.2	14.3	14.0	14.1	15.0	14.0	14.0
15	[illegible]	[illegible]	14.3	14.1	14.2	14.1	14.0	14.2	14.4
16	[illegible]	[illegible]	14.3	14.5	14.0	14.3	14.3	14.4	14.4
17	[illegible]	[illegible]	[illegible]	14.4	14.1	14.2	14.0	14.4	15.2
18	[illegible]	[illegible]	[illegible]	14.2	14.2	14.0	14.2	14.4	15.2
19	[illegible]	[illegible]	[illegible]	15.0	14.2	14.5	14.4	14.4	14.4
20	[illegible]	[illegible]	14.2	14.2	14.2	14.2	14.3	14.4	15.0
21	[illegible]	[illegible]	14.4	14.3	14.3	14.2	15.0	14.4	15.0
22	[illegible]	[illegible]	14.2	14.2	14.2	14.3	14.2	14.2	15.0
23	[illegible]	[illegible]	[illegible]	14.0	14.0	14.2	14.2	14.2	15.2
24	[illegible]	[illegible]	[illegible]	14.2	14.1	14.2	14.2	14.4	15.0
25	[illegible]	[illegible]	14.4	14.0	14.2	14.3	14.3	14.2	15.0
26	[illegible]	[illegible]	14.4	14.2	14.1	14.1	15.0	14.4	15.0
27	[illegible]	[illegible]	15.0	14.2	14.2	14.0	15.0	14.4	15.0
28	[illegible]	[illegible]	15.0	14.2	14.0	14.1	15.1	15.2	15.0
29	[illegible]	[illegible]	14.3	14.0	14.0	14.0	15.0	14.3	15.0
30	[illegible]	[illegible]	14.4	15.0	14.2	14.1	14.3	14.0	15.0
31	[illegible]	[illegible]	[illegible]	14.3	14.0	-	-	-	15.2
Prom.	[illegible]	[illegible]	[illegible]	14.8	14.2	14.2	14.5	14.4	14.8
Mang.									

PROFAS [illegible]

Lat. 12° 04' S.
Long. 77° 10' W. de G.
Alt. 15 mts. s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 07.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	17.0	-	15.0	14.5	15.0	-	-	-	-	-	-	-
2	19.0	14.0	14.5	15.0	15.5	-	-	-	-	-	-	-
3	18.0	-	14.6	-	15.3	-	-	-	-	-	-	-
4	18.5	14.5	15.0	-	15.2	-	-	-	-	-	-	-
5	15.5	-	15.0	15.7	14.8	-	-	-	-	-	-	-
6	-	-	14.5	15.1	14.0	-	-	-	-	-	-	-
7	18.5	-	14.2	15.0	14.2	-	-	-	-	-	-	-
8	16.4	-	-	15.2	14.5	-	-	-	-	-	-	-
9	17.0	18.0	14.5	15.1	14.5	-	-	-	-	-	-	-
10	17.7	15.5	16.5	15.5	14.0	-	-	-	-	-	-	-
11	18.0	15.0	17.0	15.0	14.5	-	-	-	-	-	-	-
12	16.0	15.5	16.0	15.1	15.0	-	-	-	-	-	-	-
13	18.0	16.5	16.5	-	15.0	-	-	-	-	-	-	-
14	18.0	15.0	17.0	15.1	14.5	-	-	-	-	-	-	-
15	17.5	16.0	16.5	15.1	14.0	-	-	-	-	-	-	-
16	17.0	-	15.0	15.1	14.2	-	-	-	-	-	-	-
17	18.5	14.9	17.0	15.2	14.5	-	-	-	-	-	-	-
18	16.5	14.8	19.2	14.5	14.6	-	-	-	-	-	-	-
19	16.5	-	17.5	15.2	14.8	-	-	-	-	-	-	-
20	17.0	14.5	17.7	15.0	14.5	-	-	-	-	-	-	-
21	16.0	14.5	17.3	15.2	13.8	-	-	-	-	-	-	-
22	16.5	14.5	-	-	14.0	-	-	-	-	-	-	-
23	18.4	-	-	-	14.5	-	-	-	-	-	-	-
24	18.8	15.5	-	-	15.0	-	-	-	-	-	-	-
25	20.2	-	-	-	14.8	-	-	-	-	-	-	-
26	19.0	-	-	-	-	-	-	-	-	-	-	-
27	18.8	-	-	-	-	-	-	-	-	-	-	-
28	19.5	-	18.0	-	15.6	-	-	-	-	-	-	-
29	19.0	-	23.0	-	15.0	-	-	-	-	-	-	-
30	15.8	-	-	15.3	-	-	-	-	-	-	-	-
31	17.0	-	-	-	-	-		-	-	-	-	-
Prom. Mens.	17.8	15.2	16.5	15.1	14.6	-	-	-	-	-	-	-

[illegible]

[illegible]

Long. 77° [illegible] W. de G.

Alt. [illegible] mts s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 13.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	17.0	-	16.0	16.5	16.5	-	-	-	-	-	-	-
2	18.0	16.0	15.5	16.0	16.0	-	-	-	-	-	-	-
3	19.0	-	15.5	-	17.0	-	-	-	-	-	-	-
4	21.5	15.2	17.5	16.3	16.0	-	-	-	-	-	-	-
5	18.2	-	16.5	16.2	14.5	-	-	-	-	-	-	-
6	-	-	16.5	-	14.5	-	-	-	-	-	-	-
7	21.0	-	15.5	16.2	15.0	-	-	-	-	-	-	-
8	18.2	-	-	16.2	14.5	-	-	-	-	-	-	-
9	17.0	16.0	18.0	[illegible]	[illegible]	-	-	-	-	-	-	-
10	20.5	16.5	18.5	[illegible]	16.0	-	-	-	-	-	-	-
11	16.8	15.0	17.5	[illegible]	16.0	-	-	-	-	-	-	-
12	19.0	16.5	17.5	[illegible]	16.0	-	-	-	-	-	-	-
13	21.8	17.0	17.0		16.[illegible]	-	-	-	-	-	-	-
14	21.5	17.0	17.[illegible]	[illegible]	15.[illegible]	-	-	-	-	-	-	-
15	17.5	17.5	17.[illegible]	[illegible]	15.0	-	-	-	-	-	-	-
16	20.0	-	19.0	[illegible]	[illegible]	-	-	-	-	-	-	-
17	18.0	17.0	19.5	[illegible]	[illegible]	-	-	-	-	-	-	-
18	17.0	16.0	19.0	15.2	[illegible]	-	-	-	-	-	-	-
19	18.5	-	19.0	15.2	[illegible]	-	-	-	-	-	-	-
20	17.5	16.0	18.5	[illegible]	[illegible]	-	-	-	-	-	-	-
21	17.5	-	18.2	-	[illegible]	-	-	-	-	-	-	-
22	20.2	14.5	-		[illegible]	-	-	-	-	-	-	-
23	18.8	-	-	-	[illegible]	-	-	-	-	-	-	-
24	19.0	16.0	-		[illegible]	-	-	-	-	-	-	-
25	21.5	-	-	-	-	-	-	-	-	-	-	-
26	17.2	-	-	-	-	-	-	-	-	-	-	-
27	17.5	-	-	-	-	-	-	-	-	-	-	-
28	21.3	-	21.0	-	[illegible]	-	-	-	-	-	-	-
29	21.5	-	22.0	-	-	-	-	-	-	-	-	-
30	17.5	-	-	-	-	-	-	-	-	-	-	-
31	20.0	-	-	-	-	-	-	-	-	-	-	-
Prom. Mens.	19.0	-	17.[illegible]	-	-	-	-	-	-	-	-	-

L A P U N T A

Lat. 12° [illegible] S.
Long. 77° [illegible] W. de G.
Alt. 15 [illegible] s. n. del mar

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A LAS 18.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	OCT.	NOV.	DIC.
1	18.0	-	15.0	15.5	15.3	-	-	-	-	-	-
2	18.0	14.5	15.0	14.3	15.0	-	-	-	-	-	-
3	19.0	-	15.0	-	16.0	-	-	-	-	-	-
4	17.0	15.0	16.0	16.4	15.0	-	-	-	-	-	-
5	17.5	-	15.4	15.2	15.0	-	-	-	-	-	-
6	-	-	15.0	15.0	14.8	-	-	-	-	-	-
7	19.0	-	15.0	15.5	14.5	-	-	-	-	-	-
8	18.5	-	-	15.2	14.6	-	-	-	-	-	-
9	18.2	15.5	16.0	15.2	14.6	-	-	-	-	-	-
10	20.0	15.0	15.0	16.0	15.5	-	-	-	-	-	-
11	15.5	17.0	16.0	15.2	15.4	-	-	-	-	-	-
12	19.2	16.5	15.5	16.3	15.4	-	-	-	-	-	-
13	18.0	15.5	16.0	-	16.0	-	-	-	-	-	-
14	21.0	15.8	17.0	15.0	16.0	-	-	-	-	-	-
15	16.5	16.0	17.0	15.4	15.5	-	-	-	-	-	-
16	19.0	-	17.0	16.2	15.4	-	-	-	-	-	-
17	18.0	16.0	14.5	15.3	18.0	-	-	-	-	-	-
18	16.5	15.0	18.5	15.3	15.1	-	-	-	-	-	-
19	-	-	17.0	15.3	15.0	-	-	-	-	-	-
20	-	15.0	16.5	15.3	15.2	-	-	-	-	-	-
21	-	-	-	-	15.2	-	-	-	-	-	-
22	17.0	14.0	-	-	15.2	-	-	-	-	-	-
23	17.5	-	-	-	15.0	-	-	-	-	-	-
24	20.1	15.0	-	-	15.0	-	-	-	-	-	-
25	19.8	-	-	-	-	-	-	-	-	-	-
26	18.0	-	-	-	-	-	-	-	-	-	-
27	19.8	-	-	-	-	-	-	-	-	-	-
28	19.0	-	21.0	-	14.0	-	-	-	-	-	-
29	19.2	-	21.0	-	-	-	-	-	-	-	-
30	20.3	-	-	16.0	-	-	-	-	-	-	-
31	18.5	-	-	-	-	-	-		-	-	-
Prom. Mens.	18.4	-	16.4	15.4	15.3	-	-	-	-	-	-

[illegible]

Long. 72° 00' U. de G.

Alt.

[illegible] OBSERVADA A HORAS 07.00

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	AGO.	SET	OCT.	NOV	DIC.
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	-	14.0	15.0
[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	13.0	-	15.0	15.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.0	-	15.0	14.8	15.0
[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	-	15.0	13.8	15.0
[illegible]	[illegible]	[illegible]	[illegible]	14.0	13.0	13.0	13.0	13.8	15.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	15.0	15.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	15.0	15.0
[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	13.0	-	15.0	15.0
[illegible]	[illegible]	[illegible]	[illegible]	-	-	13.0	-	14.8	15.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	13.0	15.0	15.0
[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	13.0	14.0	15.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	13.0	14.0	15.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.0	14.0	14.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	13.0	-	-	14.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	14.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	15.0	-	14.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	14.0	14.5
[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	-	-	15.0	13.0
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-	15.0	14.0	14.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	-	-	-	-	15.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	14.0	14.0	-	14.0	15.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	14.0	14.0	15.0	-	15.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	-	-	15.0	14.0	15.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	14.0	-	15.0	-	15.0	16.0
[illegible]	[illegible]	[illegible]	[illegible]	-	-	15.0	14.0	14.8	15.0
[illegible]	[illegible]	[illegible]	[illegible]	-	13.0	15.0	-	14.6	16.0
[illegible]	[illegible]	[illegible]	[illegible]	14.0	-	15.0	15.0	14.8	16.0
28	[illegible]	[illegible]	-	-	14.0	-	-	15.0	16.0
29	[illegible]	[illegible]	-	14.0	-	-	-	14.8	17.0
30	[illegible]	[illegible]	[illegible]	-	-	-	-	15.0	17.0
31	[illegible]	[illegible]	-	14.0	-	-	14.0	-	17.0
Prim.	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.1	-	14.6	15.6
Me[illegible]									
P[illegible]									

M O L L E N D O

Lat. 17° 00' S.
Long. 72° 00' W. de G.
Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 13.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	-	16.0	-	-	-	15.0	13.0	-	13.0	-	15.0	16.0
2	-	15.0	-	-	-	15.0	-	13.0	13.0	-	15.0	16.0
3	-	16.0	-	-	-	14.0	14.0	13.0	-	15.0	15.0	16.0
4	15.0	15.0	-	-	-	-	-	13.0	-	15.0	15.2	15.8
5	-	-	-	-	-	-	14.0	13.0	13.0	13.0	14.8	15.6
6	16.0	16.0	-	-	-	14.0	-	-	-	-	15.0	16.0
7	16.0	16.0	-	-	-	-	13.0	-	-	-	15.0	16.0
8	16.0	16.0	-	-	-	-	-	13.0	12.0	-	15.0	16.0
9	16.0	16.0	-	-	-	14.0	-	-	13.0	-	15.5	16.0
10	16.0	-	-	-	-	-	13.0	-	-	13.0	15.0	15.8
11	16.0	15.0	-	-	-	-	-	13.0	13.0	14.0	15.0	16.0
12	18.0	16.0	-	-	-	15.0	-	13.0	13.0	14.2	15.0	16.0
13	18.0	16.0	-	-	-	14.0	13.0	-	14.0	14.0	14.0	16.0
14	18.0	16.0	-	-	-	-	14.0	13.0	-	-	14.0	16.0
15	18.0	16.0	-	-	-	-	14.0	-	-	-	14.0	16.0
16	18.0	16.0	-	-	-	-	-	13.0	14.0	-	14.0	16.0
17	17.0	16.0	-	-	-	-	14.0	-	-	14.0	14.0	15.0
18	17.0	-	-	-	-	-	-	13.0	-	-	15.0	15.0
19	17.0	-	-	-	-	13.0	14.0	-	14.0	14.0	15.0	16.0
20	18.0	-	-	-	-	-	-	-	-	-	15.0	16.0
21	17.0	-	-	-	-	13.0	14.0	14.0	-	14.0	15.0	16.0
22	18.0	16.0	-	-	-	13.0	14.0	14.0	15.0	-	15.0	16.0
23	18.0	16.0	-	-	-	11.0	-	-	15.0	14.0	15.0	16.0
24	17.0	-	-	-	-	12.0	14.0	-	15.0	-	15.0	15.0
25	18.0	16.0	-	-	-	-	-	-	15.0	14.0	14.8	16.0
26	18.0	16.0	-	-	-	12.0	-	13.0	15.0	-	14.0	16.0
27	17.0	15.0	-	-	-	14.0	14.0	-	15.0	15.0	15.0	15.0
28	18.0	15.0	-	-	-	-	-	14.0	-	-	15.0	17.0
29	18.0	-	-	-	-	-	14.0	-	-	-	15.0	17.0
30	16.0	-	-	-	-	12.0	-	-	-	-	14.8	17.0
31	16.0	-	-	-	-	-	14.0	-	-	14.0	-	17.0
Prom. Mens.	17.1	15.8	-	-	-	13.4	13.8	-	13.9	-	14.8	16.0

PROMEDIO ANUAL : 15.0

Lat 02° 00' S

Long 72° 00' W. de G.

Alt.

TEMPERATURA DEL AGUA DEL MAR OBSERVADA A HORAS 16.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	-	16.0	-	-	-	14.0	11.0	-	13.0	-	14.0	15.0
2	-	15.0	-	-	-	14.0	-	12.0	12.0	-	15.0	15.0
3	-	16.0	-	-	-	14.0	13.0	12.0	-	14.0	14.0	15.0
4	16.0	16.0	-	-	-	-	-	12.0	-	14.0	14.0	16.0
5	-	-	-	-	-	-	13.0	13.0	12.0	12.0	14.0	16.0
6	15.0	15.0	-	-	-	15.0	-	-	-	-	15.0	16.0
7	15.0	15.0	-	-	-	-	12.0	-	-	-	14.5	16.0
8	15.0	15.0	-	-	-	-	-	12.0	12.0	-	15.0	16.0
9	16.0	16.0	-	-	-	14.0	-	-	12.0	-	14.0	16.0
10	16.0	-	-	-	-	-	12.0	-	-	13.0	14.0	15.8
11	15.0	16.0	-	-	-	-	-	12.0	12.0	14.0	15.0	15.8
12	19.0	16.0	-	-	-	14.0	-	13.0	13.0	14.0	15.0	15.0
13	19.0	15.0	-	-	-	15.0	12.0	-	13.0	13.0	14.0	16.0
14	19.0	15.0	-	-	-	-	13.0	12.0	-	-	14.0	15.0
15	19.0	15.0	-	-	-	-	13.0	-	-	-	14.0	16.0
16	17.0	15.0	-	-	-	-	-	13.0	14.0	-	14.0	15.0
17	16.0	15.0	-	-	-	-	14.0	-	-	14.0	14.0	15.0
18	16.0	-	-	-	-	-	-	13.0	-	-	14.0	16.0
19	17.0	-	-	-	-	13.0	13.0	-	14.0	14.0	14.0	16.0
20	17.0	-	-	-	-	-	-	-	-	-	15.0	15.0
21	17.0	-	-	-	-	13.0	13.0	14.0	-	14.0	15.0	16.0
22	17.0	15.0	-	-	-	13.0	13.0	14.0	14.0	-	15.0	15.0
23	17.0	15.0	-	-	-	11.0	-	-	14.0	14.0	15.0	15.0
24	17.0	-	-	-	-	11.0	13.0	-	14.0	-	15.0	15.0
25	17.0	15.0	-	-	-	-	-	-	14.0	14.0	14.0	16.0
26	17.0	15.0	-	-	-	11.0	-	12.0	14.0	-	14.0	15.0
27	17.0	15.0	-	-	-	13.0	13.0	-	14.0	14.0	15.0	15.0
28	19.0	15.0	-	-	-	-	-	13.0	-	-	15.0	17.0
29	19.0	-	-	-	-	-	13.0	-	-	-	14.0	17.0
30	18.0	-	-	-	-	11.0	-	-	-	-	14.8	17.0
31	17.0	-	-	-	-	-	13.0	-	-	14.0	-	17.0
Prom. Mens.	17.0	15.3	-	-	-	13.1	12.8	-	13.2	-	14.4	15.7

PROMEDIO ANUAL : 14.5

TERCERA PARTE

SONDAJES AEROLOGICOS

109 957

FRECUENCIA Y VELOCIDAD MEDIA DE LOS VIENTOS SUPERIORES

T A L A R A

ENERO DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF. 83 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
91	N	- -	1 - 7	11-17	18-16	11-17	11-17	15-18	1 - 9	8 -19	5 -31
	NE	- -	1 -70	3-17	9-20	12-14	8-16	9-18	13-24	3-32	8-24
	E	- -	1 -11	4-10	19-14	23-14	35-20	27-28	26-29	9-21	10-18
	SE	-	35-46	25-25	15-14	23-16	13-19	14-23	6-22	12-21	6-24
	S	83-21	37-31	31-27	12-19	12-16	11-18	10-11	10-20	3 - 9	4-17
	SW	4-35	10-19	6-18	8-18	- -	5 - 8	2-11	4-18	3-16	4-19
	W	4-18	3 - 6	6-11	2 - 6	1-22	1 - 7	2-15	4-17	8-30	5-33
	NW	- -	3-27	5-11	6-11	6-18	4-26	3-10	2-10	2-22	3-26
	C	- -	- -	- -	1	1	- -	- -	- -	1	- -

FEBRERO DE 1950

CANTIDAD DE OBSERV	DD	SUPERF 83 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
69	N	- -	3 - 6	6-10	4-14	6-15	3-25	3-11	3-13	3-20	1-37
	NE	- -	1 - 9	5-10	13-11	11-13	9-18	10-22	18-27	4-29	4-25
	E	- -	3-17	3 - 8	9-15	20-12	20-33	19-25	20-30	18-34	5-23
	SE	- -	16-39	12-21	11-14	9-15	17-19	13-21	3-21	3-13	2 - 9
	S	40 18	18-19	17-17	15-13	10-19	8-18	4-19	2-17	2-14	3 - 4
	SW	6-22	8-21	8-14	6 - 8	2-15	2-29	1-18	- -	3-23	3-27
	W	14-20	8-16	6-11	1-13	3-23	1-24	4-16	1-55	1-30	3-22
	NW	- -	5-13	5 - 9	3-10	- -	- -	4 - 9	3-12	1 - 7	2-22
	C	-	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA: F = Frecuencia; V = Velocidad media en kilómetros por hora

B A R A R A

MARZO DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF. 88 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
96	N	- -	4-21	17 12	18-12	17+14	27-16	17-13	12-16	3-16	4-18
	NE	- -	3-15	3-15	15-12	14-12	12-14	15-18	7-22	13-17	3-17
	E	- -	7-11	5-10	15-13	14-13	15-18	8-14	15-20	15-19	18-23
	SE	4-13	23-32	22-18	16-18	15-11	15-17	15-18	14-13	8-24	6-22
	S	65-15	31-24	31-19	20-11	18-13	12-12	15-20	9-22	7-26	8-25
	SW	7-28	11-17	6-13	2-18	2 - 6	6 - 9	4 - 6	12-12	5-11	3-28
	W	18-20	10-13	6-18	2-13	1 - 4	3-10	9-10	8-11	4-18	6-14
	NW	1-18	7-21	4-10	6 - 9	13-12	6-13	12-12	7-12	4-14	2-16
	C	1 -	- -	1 -	1 -	- -	- -	- -	- -	- -	- -

ABRIL DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF. 88 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4000 F - V	5400 F - V	6000 F - V
87	N	- -	1 - 7	7 - 7	14-14	16-13	8-13	5-13	4-13	2-24	3-16
	NE	- -	1 - 4	1 - 7	8-10	10-16	5-11	14-23	20-22	13-22	11-30
	E	- -	1-22	7-14	15-11	21-15	33-18	37-24	24-28	16-17	16-19
	SE	- -	26-31	15-17	18-11	19-14	17-22	8-23	16-22	9-20	4-25
	S	77-17	33-23	26-20	17-14	14-12	6-13	9-15	8-19	7-19	2-23
	SW	3-15	11-25	9-11	2-12	2-11	3 - 9	1-15	2 - 8	- -	2-13
	W	6-18	9-12	15-12	5-10	1 - 4	3-12	7-11	1 - 4	2-16	3 - 6
	NW	- -	3 - 4	5-16	5 - 8	2-15	6-16	2-18	2-20	1-11	2-26
	C	1 -	- -	- -	- -	- -	1 -	- -	- -	- -	- -

NOTA: F = Frecuencia ; V = Velocidad media en kilómetros por hora

FRECUENCIA Y VELOCIDAD MEDIA DE LOS VIENTOS SUPERIORES

T A L A R A

MAYO DE 1950

CANTIDAD DE OBSERVS.	DE	SUPERF. 88 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4000 F - V	5400 F - V	6000 F - V
103	N	- -	1-18	13-15	16-14	18-15	13-19	13-18	6-20	2-24	3-12
	NE	- -	2 - 6	8-15	19-14	23-15	22-16	16-17	16-25	13-22	11-26
	E	- -	5-18	5-12	17-11	12-16	12-20	34-24	42-29	15-18	16-19
	SE	1-15	43-33	25-24	14-12	17-15	27-18	23-20	18-23	9-20	4-25
	S	99-19	44-26	23-19	14-13	15-12	8-14	7-20	5-17	8-17	2-23
	SW	3-31	4-21	10-15	3-11	3-10	7-14	- -	1-15	- -	2-13
	W	- -	1 - 7	10-8	9-11	5-12	4-- 9	5-16	2-22	2-16	3 - 6
	NW	- -	- -	6 - 8	11-12	8-11	9-14	3-33	4-18	1-11	2-26
	C	- -	2 -	3 -	- -	2 -	- -	- -	- -	- -	- -

JUNIO DE 1950

CANTIDAD DE OBSERVS.	DE	SUPERF. 88 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
76	N	- -	7-18	25-16	23-17	17-16	8-14	3-12	3 - 4	5-19	8-18
	NE	- -	5 - 8	11-17	10-15	13-14	19-16	13-15	14-24	10-24	8-29
	E	- -	4 - 7	10-16	5-16	13-15	24-19	30-26	33-25	17-29	12-37
	SE	1-18	34-26	16-19	14-17	9-21	9-12	19-17	13-20	2-30	3-26
	S	73-24	17-28	9-25	10-14	8-14	5-26	4-27	3-25	1-13	1 - 4
	SW	2-26	4-10	1-11	4 - 6	4-19	3-17	2-16	- -	- -	- -
	W	- -	4 - 9	1 - 7	5-11	1-22	3-11	1 - 7	1 - 4	3 - 7	2 - 6
	NW	- -	- -	3-10	5-16	8-13	3-16	1 - 4	- -	2-48	2-24
	C	- -	1 -	- -	- -	2 -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

JULIO DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF 88 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
95	N	- -	6-16	24-14	15-17	9-15	7-15	3-12	2-23	4-17	2-52
	NW	- -	5 - 7	33-13	8 12	15-16	13-22	12-24	16-36	12-41	5-32
	E	- -	9-11	10-14	21-16	29-22	49-30	59-34	51-45	25-36	17-35
	SE	- -	44-26	9-12	13-19	27-17	10-29	11-27	7-24	5-30	6-32
	S	94-20	24-20	18-12	11-12	6-25	9-12	3 - 7	1 - 9	2-24	5-30
	SW	- -	4 - 7	5 - 6	5 - 8	2-11	2 - 9	1 - 6	2 - 8	1-18	- -
		1 19	2 - 6	5 - 9	9-13	3 - 6	2-25	3-11	3-12	- -	2-17
	NW	- -	2 - 6	10-11	13-14	4-36	2-10	2 - 4	- -	3-26	1-18
		- -	- -	1 -	- -	- -	- -	- -	- -	- -	- -

AGOSTO DE 1950

CANTI-DAD DE OBSERV	DD	SUPERF 88 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
80	N	- -	2-13	14-13	23-11	10-13	6-23	7-19	1-15	1-22	2-20
	NE	- -	2 - 6	4-15	3-17	14-16	7-16	5-38	10-39	8-17	7-46
	E	- -	10-13	7-10	6-12	21-21	44-25	53-28	52-39	25-44	18-48
	SE	- -	27-27	9-14	9-11	21-16	12-23	10-29	9-25	5-28	3-25
	S	76-21	26-17	24-14	12-14	9-12	8-12	1-18	- -	3-18	1-21
	SW	- -	4-18	7-12	6 - 7	4 - 9	1-11	1 - 4	1 - 6	- -	1-52
		4-23	4 - 8	7-11	10-11	- -	1 - 6	1-33	- -	- -	-
		- -	5-22	8-10	11-10	3-15	1-20	- -	- -	- -	- -
		- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA: F = Frecuencia; V = Velocidad media en kilómetros por hora

FRECUENCIA Y VELOCIDAD MEDIA DE LOS VIENTOS SUPERIORES

T A L A R A

SETIEMBRE DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF. 88 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
80	N	- -	7-18	10-13	17-13	12-16	7-22	6-15	5-11	6-25	4-4C
	NE	- -	3-13	5-12	7-19	13-17	8-32	11-30	11-33	10-35	6-21
	E	- -	12-15	8-14	12-11	20-19	36-23	45-33	45-37	25-40	16-52
	SE	- -	31-27	17-16	4-16	13-18	19-28	13-23	14-31	6-27	6-43
	S	51-19	31-27	19-22	11-12	9-14	10-20	4-18	1-33	5-32	4-2C
	SW	26-29	4-14	6-15	10-14	2-16	- -	1-30	- -	3-23	3-26
	W	2-25	2 - 9	8-10	8-11	4-18	1-24	1-55	1-22	2-18	3-23
	NW	1-15	- -	9-10	11-21	7 - 9	- -	- -	- -	1 - 7	3-20
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

OCTUBRE DE 1950

CANTI-DAD DE OBSERV.	DD	SUPERF 88 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
60	N	- -	3 - 6	8-13	10-13	9-13	6-16	2-37	7-12	11-16	10-19
	NE	- -	2 - 9	1-15	10-15	12-15	9-14	9-15	11-15	7-16	4-18
	E	- -	1-11	9-12	10-11	10-12	10-18	19-18	9-30	10-33	5-23
	SE	- -	11-20	9-13	5 - 9	11-10	10-27	10-21	9-21	11-25	12-24
	S	5- 5	18-25	13-23	4-14	5-14	11-17	10-19	10-24	4-20	10-21
	SW	6- 4	12-23	14-15	9-11	9-15	5-13	3-17	4-18	2 - 4	- -
	W	2-10	6-15	6 - 9	5-10	- -	5-18	5-22	3-10	4-15	3-18
	NW	- -	2 15	- -	7-14	3-11	4-11	1-18	7-17	4-14	2-30
	C	- -	- -	- -	- -	1 -	- -	1 -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

NOVIEMBRE DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF 88 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
78	N	- -	1 - 4	4 - [illegible]	11-24	6-15	4-21	4-17	11-24	2-24	4-18
	NE	- -	6-19	4-[illegible]	10-9	10-12	14-21	9-2[illegible]	7-24	1-17	4-34
	E	- -	3-17	[illegible]	15-12	16-12	27-15	21-18	23-19	21-[illegible]	9-30
	SE	- -	18-29	[illegible]	11-21	14-15	11-22	19-19	16-22	5-23	7-32
	S	75-22	38-25	[illegible]	19-16	17-15	12-15	7-16	6-13	5-20	5-34
	SW	2-28	5-33	13-17	3 - 9	4-27	2-18	11-15	- -	[illegible] - 6	3-15
	W	- -	3-21	3 - 9	5 - 8	6-13	3-17	3-16	8-24	8-16	4-13
	[illegible]	- -	4-12	[illegible] - 8	4-10	5-13	5-16	4-10	5-15	3-25	1-20
	[illegible]	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

DICIEMBRE DE 1950

CANTIDAD DE OBSERV	DD	SUPERF 88 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
4	N	- -	- -	- -	1 - 4	1-22	1 - 4	- -	- -	- -	- -
	NE	- -	- -	- -	- -	- -	- -	- -	- -	1-39	- -
	E	- -	- -	- -	3-11	- -	1-15	3-25	2-38	1-18	- -
	SE	- -	4-28	[illegible]	- -	3-20	2-15	1-39	- -	- -	1-11
	S	4-18	- -	[illegible]	- -	- -	- -	- -	1-15	- -	- -
	SW	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	W	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	[illegible]	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	[illegible]	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

[illegible]: Velocidad media en kilómetros por hora.

[illegible]

C H I C L A Y O

ENERO DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF. 31 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
104	N	- -	1-11	16-10	7-11	19-16	20-13	7-22	9-14	1-22	3-19
	NE	- -	6-11	3-11	11-12	15-12	10-12	11-17	10-19	7-23	9-19
	E	- -	3-21	7-13	18-9	25-16	28-18	24-23	28-29	12-21	9-20
	SE	- -	20-19	22-15	12-14	12-8	10-10	8-18	3-24	4-16	2-24
	S	99-26	63-34	41-19	41-19	15-10	18-14	16-14	9-19	8-19	4-20
	[illegible]	[illegible] - 7	7-22	8-15	8-15	3-11	2-10	10-18	3-15	3-28	4-18
	[illegible]	- -	3-20	3 - 9	3 - 9	6 - 9	4-24	6-14	5-14	4-39	4-31
	[illegible]	- -	- -	4 - 8	4 - 8	9 - 8	9-13	16-16	2 - 8	3-23	1-11
	[illegible]	4 -	- -	- -	- -	- -	- -	- -	- -	- -	- -

FEBRERO DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF. 31 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
98	N	- -	11-9	15-11	17-12	24-12	21-12	10-15	7-16	6-14	2-20
	NE	- -	4-14	4-14	21-10	3-11	12-12	13-12	7-20	4-23	4-17
	E	1 - 4	8-13	4 - 9	11-10	22-10	22-15	27-19	21-27	11-31	11-31
	SE	- -	15-30	21-[illegible]	13-12	9-12	11-11	6-14	6-17	2-18	1-13
	S	83-29	38-29	30-20	13-17	8 - 8	16-13	16-14	10-22	6-16	5-12
	[illegible]	- -	[illegible]	8-18	3-12	7-15	5 - 7	3-11	- -	3-22	1-20
	[illegible]	[illegible]	6-17	8 - 8	9-11	5 - 5	2 - 7	2 - 8	5 - 8	1-13	3-19
	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	6-11	5-12	[illegible]	2-20	[illegible]-12
	[illegible]	[illegible]	- -	- -	- -	- -	- -	- -	- -	- -	- -

[illegible] Velocidad media en kilómetros por hora

CANTIDAD DE OBSERV	DD	SUPERF. 31 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
94	N	- -	10-10	11-10	13-12	39-12	37-14	16-16	30-11	7-12	3-10
	NE	- -	2 - 6	6 - 7	11-8	15-12	10-9	10-10	12-13	5-10	4-14
	E	- -	3-10	5 - 7	13-7	14-20	11-14	8-11	10-17	13-16	10-2
	SE	- -	18-21	8-14	10-10	3 - 8	6-12	7-14	7-13	5-12	2-13
	S	75-25	40-27	37-17	16-15	15-8	13-14	25-15	14-19	7-15	8-19
	SW	2 - 6	13-11	13-8	5 - 7	5 - 4	3-31	6-11	5-19	3-20	- -
	W	2 - 7	3-11	5 - 9	8-12	- -	4 - 7	8-12	5-11	2 - 5	2 - 2
	NW	- -	5-11	9 - 9	14-12	3 - 9	11-14	12-12	3-15	- -	1-20
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

ABRIL 1950

CANTIDAD DE OBSERV	DD	SUPERF 31 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
99	N	- -	5-11	9-11	22-9	18-12	20-11	8-13	4-10	4-19	- -
	NE	- -	5 - 9	8 - 8	11-11	9 - 9	8 - 9	8-22	10-16	6-22	9-21
	E	1 - 4	11-9	9 - 8	14-9	24-16	22-20	23-28	35-28	20-25	12-23
	SE	- -	26-19	11-16	14-10	15-12	12-14	12-17	7-24	6-25	3-24
	S	89-26	32-30	32-15	16-11	8-14	14-12	19-12	8-19	7-23	4 - 9
	SW	2 - 4	10-19	6 - 8	5 - 7	8-10	1 - 4	8-15	1 - 7	- -	- -
	W	- -	6 19	11-7	4 - 6	8-16	8 - 8	6-12	3 - 7	2-35	3-15
	NW	- -	3 - 6	7 - 7	12-9	8 - 9	9-10	3-31	3-14	- -	- -
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA: F = Frecuencia ; V = Velocidad media en kilómetros por hora

C R I C L A Y O

MAYO DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF 31 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
112	N	1-28	4-10	14-10	28-13	20-12	14-11	12-11	6-17	5-19	9-29
	NE	- -	3 - 7	8-12	14-11	9-14	9-15	10-16	29-23	19-31	11-29
	E	- -	35-17	19-11	16-8	27-13	32-17	30-22	25-30	14-26	10-25
	SE	- -	23-18	16-10	11911	12-13	15-11	13-19	11-18	3-21	5-11
	S	102-24	36-23	20-20	9-13	10-12	13-14	20-11	10-17	6-25	5-22
	SW	1 - 4	4-21	9-1	3 - 6	5-14	4 - 9	3-14	6-20	1-33	2-27
	W	- -	4-11	12-9	14-14	12-13	13-13	14-15	6-17	7-15	4-21
	NW	- -	3 - 9	14-9	17-11	16-12	10-10	6 11	2 - 7	4-30	5-17
	C	8 -	- -	- -	- -	- -	- -	- -	- -	- -	- -

JUNIO DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 31 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
65	N	- -	1-27	14-11	15-17	17-13	16-13	8-14	4-15	8-22	5-20
	NE	- -	2-11	16-9	5-15	4-20	4 - 9	12-15	13-20	5-24	4-34
	E	1 - 7	18-16	9 - 8	10-15	7-14	15-18	20-17	15-25	5-29	7-37
	SE	- -	22-16	10-12	5-18	5-16	9-13	7-17	4-13	- -	1-29
	S	61-26	17-10	8-12	10-12	11-23	8-17	10-16	3-30	2-22	3-22
	SW	- -	2 - 5	2 - 7	4 - 9	2-10	1 - 7	3-10	1-26	1-11	1-24
	W	- -	4 - 6	4 - 7	3 - 9	6-14	4-10	1 - 4	- -	2-13	4-16
	NW	- -	4-12	2-13	11-17	13-14	6-18	3 - 7	1-11	4-15	4-17
	C	1 -	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

[illegible]

[illegible]

J[illegible] DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF 31 [illegible] F - V	[illegible] F - V	900 F - V	1500 F - V	2100 F - V	[illegible] F - V	[illegible] F - V	4[illegible]00 F - V	5400 F - V	6000 F - V
76	N	- -	[illegible]	19-12	15-[illegible]	10-[illegible]	8-11	4-15	[illegible]	5-[illegible]	[illegible]-15
	NE	- -	[illegible]	8-11	7-16	5-[illegible]	[illegible]-19	20-28	[illegible]	10-35	5-18
	E	- -	[illegible]	14-12	10-10	16-[illegible]8	18-[illegible]	[illegible]1-26	1[illegible]-32	5-3[illegible]	4-32
	SE	- -	[illegible]	8-13	11-16	22-[illegible]8	[illegible]-17	7-21	[illegible]-22	- -	1-22
	S	75-25	[illegible]	6-[illegible]	14-13	12-[illegible]	[illegible]	[illegible]-11	[illegible] - 6	- -	- -
	SW	- -	3 - 6	3 - 6	- -	3 - 9	1 - [illegible]	3-1[illegible]	- -	- -	- -
	W	- -	-	2-13	2-[illegible]6	4-[illegible]	2 - 6	[illegible]	[illegible]	- -	[illegible]-18
	NW	- -	- -	6-19	17-17	3-[illegible]	2-15	4-[illegible]	1 - 4	- -	- -
	C	1 -	- -	- -	- -	- -	- -	- -	- -	- -	- -

AGOSTO DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF 31 mts F - V	[illegible] F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	[illegible] F - V	5400 F - V	6000 F - V
46	N	- -	1 - 9	8-11	8-11	3-21	3-14	2-22	[illegible]-39	- -	2-31
	NE	- -	1-19	3-12	2-14	4-15	5-17	16-24	4-29	6-27	4-34
	E	- -	16-[illegible]	9-11	5 - 8	7-15	[illegible]-16	10-[illegible]	21-26	8-41	3-36
	SE	- -	1[illegible]	6-10	3 - 6	5 - 7	3-15	3-16	3-36	2-54	- -
	S	44-24	14-16	11-14	10-13	14-17	12-16	5-19	2-2[illegible]	- -	1-15
	SW	- -	1-2[illegible]	1 - 2	2 - 8	4 - 9	2-[illegible]	2-18	1-33	- -	- -
	W	- -	[illegible] - 8	[illegible] - 4	4-11	5-[illegible]	[illegible]	3-[illegible]	- -	- -	- -
	NW	- -	- -	7-1[illegible]	11-16	3-18	4-[illegible]	- -	1 - 6	- -	- -
	C	2 -	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA: F= Frecuencia ; V = Velocidad media en [illegible] por hora

C H I C L A Y O

SETIEMBRE DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF 31 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
62	N	- -	2-14	14-13	8-22	9-16	9-16	8-15	1 - 9	5-36	3 - 8
	NE	- -	2 - 9	4-17	5-13	5-25	7-18	7-18	13-26	8-27	6-23
	E	- -	16-14	9-11	12-11	13-26	20-29	25-29	19-36	8-25	5-27
	SE	- -	26-19	15-12	3-17	8-16	6-28	6-31	2-15	2-20	1-11
	S	56-26	11-23	10-11	11-9	10-19	11-20	7 - 8	3-13	- -	1-19
	SW	1 - 4	1 - 9	- -	4 - 4	4 - 8	2-11	4-26	2-45	- -	- -
	W	- -	1 - 7	4-10	5-14	3-26	1-15	- -	1-11	2 - 6	1 - 4
	NW	- -	3-13	6-16	12-17	7-25	5-25	2-11	3-19	- -	- -
	C	5 -	- -	- -	- -	- -	- -	- -	- -	- -	- -

OCTUBRE DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF 31 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
73	N	- -	4-13	11-14	17-12	20-16	12-14	4-13	2-54	5-27	2-30
	NE	- -	4 - 8	7-11	8 - 5	2 - 6	3-11	8-17	12-14	4-24	4-27
	E	- -	9-11	19-12	6-14	3-18	10-14	17-19	24-28	12-29	10-32
	SE	- -	23-21	11 10	6-10	2-32	5-14	10-21	3-23	4-15	3-23
	S	69-25	22-23	13-16	10-16	19-14	16-23	10-15	4-17	2-36	1-15
	SW	- -	1-11	3-12	5-12	5 - 7	5 - 9	7-12	1-11	- -	3-22
	W	- -	1 - 7	- -	3-12	4-12	5-16	2-11	5-14	6-22	5-22
	NW	- -	- -	- -	9-10	9-14	8-15	5-11	7-20	6-17	6-28
	C	4 -	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

[illegible] DE 1950

CANTIDAD DE DESEMPS.	DD	SUPERF. [illegible] F - V	[illegible] F - V	[illegible] F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]-10	18-16	[illegible]	5-11	5-14	2-24	3-36
	[illegible]	-	[illegible]	[illegible]	2-11	1 - 7	7-13	3-13	7-22	3-16	- -
	[illegible]		3-[illegible]	[illegible]	6-11	3-20	5-12	10-13	11-23	10-34	5-27
	SE	[illegible]	17-[illegible]	5-[illegible]	8-11	4-19	4-15	3-21	5-23	2-29	3-20
	S	[illegible]-28	[illegible]	[illegible]	5-16	[illegible]-18	9-13	13-14	10-[illegible]	3-18	1 - 6
	[illegible]		[illegible]	[illegible]	3 - 6	3 - 9	[illegible]	[illegible]-15	3-19	[illegible]	[illegible]-27
	[illegible]		-	-	2 - 8	8 - 9	5-16	4-16	3-21	[illegible]-11	3-55
	N		-	[illegible]	[illegible]	6-[illegible]	12-16	10-16	4-17	1-6[illegible]	1-19
	[illegible]	-	-	-	-	-	-	-	-	-	-

[illegible] DE 1950

CANTIDAD DE DESEMPS.	DD	SUPERF. [illegible] F - V	[illegible] F - V	[illegible] F - V	[illegible] F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
[illegible]	[illegible]	- -	- -	8-[illegible]	[illegible]-19	9-15	3-20	2-25	6-16	2-29	5-24
	NE	- -	- -	[illegible]	[illegible] - 9	3 - 9	[illegible]-13	3-24	2-13	1-11	- -
	[illegible]	- -	[illegible]-19	[illegible]	7-11	3-17	7-10	5-13	13-19	3-13	2-13
	SE	[illegible]	[illegible]	[illegible]	9-12	8-[illegible]	[illegible]-11	6-15	3-28	3-22	1 - 7
	S	[illegible]	30-28	[illegible]	[illegible]-18	16-11	15-15	16-16	6-15	2-51	3-21
	SW	[illegible]	[illegible]	[illegible]	2-13	3-13	3-11	3-13	1-15	1-43	2-12
	[illegible]	-	-	-	[illegible]	1 - 2	3-10	9-18	4-17	2-20	- -
	[illegible]			-	[illegible]	4-35	5-14	3-33	2-16	3-21	3-35
	[illegible]				-	-	-	-	-	-	-

[illegible] en kilómetros por horas

CLIMATAMBO

ENERO DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF 155rits F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	600[illegible] F - V
62	N	- -	3-10	2 - 7	3-10	12-12	13-15	3-10	5-14	3-15	1-[illegible]
	NE	- -	1 - 4	- -	2-10	3 - 7	2 - 7	1 - 4	2 - 9	1-30	2-[illegible]
	E	2 - 9	5 - 7	5 - 7	7-10	3-14	1-30	3-11	3-14	2-22	2-[illegible]
	SE	9-17	15-20	18-15	17-19	11-16	10-17	5-18	5-19	5-24	5-[illegible]
	S	26-12	18-16	4-10	7-13	4 - 8	5 - 6	2-16	5-12	5-16	2-[illegible]
	SW	18-9	7 - 8	8 - 7	3-10	3-27	5-16	3-10	5-12	1-22	4-[illegible]
	[illegible]	5 - 8	9 - 8	6 - 8	9-10	2-19	- -	5 - 9	3-11	2-24	-
	[illegible]	-	2 - 7	8-10	11-15	16-13	13-15	14-16	2-22	1-15	- -
	[illegible]	-	1 -	- -	- -	- -	- -	- -	- -	- -	-

FEBRERO DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF 155 rits F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	600[illegible] F - V
76	N	1 - 6	- -	5 - 7	10-7	19-10	15-10	13-12	15-13	4-10	5-[illegible]
	NE	- -	1 - 6	1 - 4	1 - 4	8 - 8	7 - 9	3 - 5	4 - 9	14-19	10-[illegible]
	E	- -	1 - 7	1 - 7	- -	7 - 8	8 - 7	7 - 7	8-17	13-17	13-[illegible]
	SE	6 - 9	16-19	14-14	13-9	6 - 7	11-10	8-13	11-12	8-15	4-[illegible]
	S	27-12	25-11	[illegible]-11	9 - 9	6 - 7	5 - 8	11-10	6-17	6-18	3-[illegible]
	SW	28-8	19-8	11-8	4 - 6	2 - 9	- -	5 - 6	3 - 9	- -	3-[illegible]
	[illegible]	[illegible] 0	8 9	15-10	12-9	4 - 8	4 - 8	5-12	6-10	1 - 9	1-[illegible]
	[illegible]		4 6	6-20	26-13	10-10	11-10	3-12	7-14	3 - 7	4 -
	[illegible]		- -						-	1 -	1

F = Frecuencia ; V = Velocidad media en kilómetros por hora

LA DATAMBO

MARZO DE 19[illegible]

CANTIDAD DE OBSERV.	DD	SUPERF 155 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
98	N	1 - 6	5-11	[illegible] 5	11-8	27-12	19-14	[illegible]	18-[illegible]	4-20	5-14
	NE	- -	3 - 5	- -	1 - 4	5 - 7	7 - 9	4 - 7	8 - 7	8-18	6-19
	E	1 - 2	1 - 7	1 - 4	7 - 8	3 - 7	6 - 8	6-13	10-14	13-21	16-20
	SE	15-6	17-16	[illegible]	11-11	14-10	11-10	8-10	14-17	17-14	12-20
	S	17-10	32-13	28-11	21-11	7-10	9 - 8	11-9	9-11	7-15	2-26
	SW	35-8	8 - 7	6 - 9	2-11	3-12	1 - 6	3 - 5	2-10	3-15	3-13
	W	9 - 7	15-9	[illegible]	11-11	8 - 6	6 - 7	9-11	6-11	7-13	2 - 9
	NW	5 - 5	15-11	[illegible]	32-14	29-16	26-15	24-14	17-19	5-17	2-18
	C	15 -	1 -		- -	- -	- -	- -	1 -	1 -	- -

ABRIL DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 155 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
104	N	1 - 4	7 - 6	1 - 9	10-7	26-11	23-12	21-11	12-10	7-12	7-16
	NE	- -	- -	- -	5 - 7	4 - 6	8 - 6	7 - 7	8-10	21-19	17-20
	E	- -	2 - 2	1 - 6	8 - 8	10-7	5 - 7	9 - 7	11-9	22-20	23-26
	SE	11-12	22-16	29-13	16-11	18-12	18-13	12-11	24-15	15-23	11-28
	S	27-12	34-14	30-12	17-8	6 - 9	10-13	15-12	16-14	12-14	7-19
	SW	38-9	12-8	5 - 9	1 - 7	2 - 6	3 - 5	7 - 7	8-11	2-15	3-10
	W	6 - 6	13-6	16-8	4 - 5	5 - 7	3 - 6	5 - 5	9-13	- -	- -
	NW	1 - 4	12-10	[illegible]	42-12	33-13	30-12	21-11	6-14	1-17	4 - 9
	C	20 -	- -	-	1 -	- -	1 -	2 -	1 -	1 -	- -

NOTA : F = Frecuencia [illegible] Velocidad media en kilómetros por hora

FRECUENCIA Y VELOCIDAD MEDIA DE LOS VIENTOS SUPERIORES

L I M A T A M B O

MAYO DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 155 mts F - B	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
43	N	1-17	22- 7	7 - 9	7-15	10-16	9-12	7-15	6-17	9-24	7-27
	NE	- -		2 -	2 - 6	- -	1 - 4	2-11	4-13	6-22	7-27
	E	3 - 7	2 - 8	2 - 9	7 - 9	1-11	5-11	1-26	9-16	4 - 9	- -
	SE	8-10	12-13	11-12	5-11	5-20	8-24	11-25	9-21	4-24	1-33
	S	10-10	11-11	9 - 8	1-30	3-17	2-17	4-12	1-11	3-13	2-17
	SW	5-10	2 - 7	2 - 7	1-32	2 - 7	1-19	1 - 9	3-11	3-18	3-34
	W	2-7	- -	1 - 9	2-10	1 - 4	4-10	4-15	3 - 9	1 - 4	- -
	NW	- -	12-09	9-12	16-17	21-17	13-19	10-21	4-11	2-30	3-18
	C	6 -	2 -	- -	1 -	- -	- -	1 -	- -	- -	- -

JUNIO DE 1950

CANTI-DAD DE OBSERV.	DD	SUPERF 155 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
13	N	- -	1 - 4	5 - 8	1 - 9	5-12	1 - 7	3-15	- -	3-14	2-26
	NE	1 - 9	2-13	- -	1 - 7	- -	1-13	3 - 6	1 - 7	- -	1-15
	E	1 - 7	- -	- -	- -	- -	1 - 2	- -	- -	- -	- -
	SE	- -	5-13	4 - 2	1-15	- -	- -	- -	1-22	- -	- -
	S	3-28	2-23	2-13	2-13	1 - 6	1-13	- -	- -	- -	- -
	SW	3-11	1 - 4	- -	1 - 9	1 - 4	1 - 6	- -	- -	2 - 8	- -
	W	2-13	- -	- -	1 - 7	1-15	1-24	1-11	4-10	1-41	2-39
	NW	- -	2 - 4	2 - 5	6-20	3-17	5-19	4-18	4-29	4 - 8	2-30
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

JULHO DE 1950

CANTIDADE DE OBSERVS	SUPERF.	1500	1800	2400	3000	4200	5400	6000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V
	P	1 - 7		1 - 9	1-18	- -	2-36	2-32
	PE	- -		- -	- -	- -	- -	1-33
	E	- -		- -	1 - 7	- -	- -	- -
	NE	1-19	1-18	1-20	2-16	2-35	- -	- -
	S	- -	1 - 9	1-20	1-18	- -	- -	- -
	SE	1 - 6	1-11	1 - 6	- -	- -	- -	- -
	A	1 - 7	- -	- -	- -	1 - 9	- -	- -
	NO	2-15	3-16	2-16	1-11	- -	- -	- -
	C	- -	- -	- -	- -	- -	- -	- -

AGOSTO DE 1950

CANTIDADE DE OBSERV	SUPERF.	1500	1800	2400	3000	4200	5400	6000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V
5	P	- -	2-13	- -	2-15	2-13	1-18	- -
	NE	- -	- -	- -	- -	- -	2-22	1-56
	E	- -	2-13	- -	2-15	2-13	1-18	- -
	SE	- -	- 8	1 - 9	- -	- -	- -	- -
	S	2-21	1-13	- -	2-16	1 - 7	- -	- -
	SO	- -	- -	1 - 7	1 - 4	- -	- -	- -
	O	2 - 5	- -	1 - 7	1 - 4	- -	- -	- -
	NO	- -	2-17	- -	1-26	1-20	- -	- -
	C	- -	- -	- -	- -	- -	- -	- -

Velocidade média em kilómetros por hora

[illegible] DE LOS VIENTOS SUPERIORES

L I M A T A M B O

SETIEMBRE DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 115 ms F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
14	N	- -	3-13	2-12	2 - 4	3-18	2-16	2-15	3 - 9	3-21	4-22
	NE	- -	- -	- -	- -	- -	- -	- -	2-15	1-35	- -
	E	- -	4 - 8	1-13	- -	- -	- -	1 - 9	- -	- -	1-31
	SE	- -	3 - 7	3-13	- -	- -	- -	- -	- -	- -	- -
	S	4-15	2 - 8	- - -	2-12	1 - 5	- -	2 - 8	- -	1 - 9	1 - 4
	SW	14-10	- -	1 - 7	2 - 7	- -	1 - 5	- -	3 - 9	1-30	11-22
	[illegible]	2- 8	- -	- -	- -	1-11	1 - 7	2-16	2 -10	1-9	- -
	[illegible]	- -	2-10	7-15	10-24	6-20	6 -18	3-15	1 -17	4-18	1-18
	C		- -	- -	- -	- -	1	- -	- -	- -	- -

OCTUBRE DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF 115 ms F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
30	N	- -	2-6	4-9	1-4	- -	3-13	6-13	1 - 9	1-4	1-4
	NE	- -	3-7	1-15	1-4	1-11	1-9	1-2	2-17	2-31	2-31
	E	- -	6-7	2-8	1-4	- -	- -	- -	2-5	- -	2-17
	SE	- -	3-7	3-7	3-17	2-17	3-17	1-11	1-5	2-13	- -
	S	4-11	2-20	1-5	2-12	1-5	- -	2-8	- -	1-9	1-4
	SW	14-10	- -	1-7	2-7	- -	1-5	- -	3-9	1-30	1-22
	[illegible]	2-8	2-11	2-11	4-11	5-7	2-7	3-17	1-20	3-20	1-11
	[illegible]	- -	1-5	5-7	6-9	9-15	7-14	3-9	3-15	1-11	1-17
	[illegible]	- -	- -	- -	- -	1	1	2	- -	- -	- -

[illegible] = Velocidad media en kilómetros por hora

NOVIEMBRE DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 115 ms F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
45	N	- -	3-22	2-5	2-11	6-14	11-11	8-17	6-10	3-23	2-9
	NE	- -	1-5	4-9	1-9	2-4	- -	2-9	1-15	3-23	2-19
	E	2-12	5-7	4-8	1-20	4-7	5-6	5-7	3-21	5-19	6-25
	SE	5-12	8-13	15-12	9-15	7-13	8-7	2-32	7-15	6-25	5-39
	S	11-10	18-11	8-12	4-11	4-5	4-9	6-7	2-16	4-20	1-33
	SW	22-11	1-7	- -	2-5	1-4	- -	1-4	- -	- -	2-28
	[illegible]	[illegible]	4-5	4-5	3-11	5-7	7-8	5-9	4-8	2-1[illegible]	4-16
	[illegible]	- -	6-15	8-9	15-13	14-22	8-20	14-13	13-15	3-21	- -
	[illegible]	[illegible]	1	- -	1	- -	- -	1	1	1	- -

DICIEMBRE DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 115 ms F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
15	N	- -	- -	- -	3-6	2-12	1-11	1-9	1-11	1-46	- -
	NE	- -	1-5	- -	- -	1-7	1-11	- -	2-11	4-18	2-11
	E	- -	- -	2-11	- -	- -	- -	2-10	1-13	2-18	1-22
	SE	- -	3-10	1-15	5-12	2-12	3-13	3-9	1-22	1-24	1-30
	S	5-15	6-17	4-15	2-9	3-13	2-13	3-13	1-15	- -	- -
	SW	8-11	2-4	2-13	1-11	- -	- -	1-4	2-9	- -	- -
	[illegible]	[illegible]-5	1-5	2-6	1-11	- -	- -	- -	1-9	- -	1-7
	[illegible]	- -	1-4	3-13	3-18	5-15	5-17	3-24	3-22	- -	- -
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	- -	1	- -	[illegible]	[illegible]	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

FRECUENCIA Y VELOCIDAD MEDIA DE LOS VIENTOS SUPERIORES

P I S C O

ENERO DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF 6 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
109	N	1-7	12-9	18-7	17-9	23-11	20-13	17-11	14-14	7-13	6-11
	NE	- -	11-6	7-7	5-6	4-12	5-10	1-4	2-7	9-18	9-24
	E	1-17	20-10	10-9	18-7	11-10	12-15	9-13	19-16	17-24	24-26
	SE	2-6	22-8	15-15	12-14	13-13	11-13	12-17	12-13	7-18	22-22
	S	30-18	19-10	10-7	8-8	8-6	2-6	3-15	13-21	9-13	4-19
	SW	32-23	23-13	11-8	3-6	2-25	1-6	- -	3-6	4-14	5-12
	W	24-12	15-9	8-9	13-9	11-13	11-10	15-13	16-10	4-11	5-10
	NW	14-15	7-5	29-10	33-13	42-16	47-15	47-17	17-15	15-17	6-13
	C	5	- -	- -	- -	- -	- -	1	- -	- -	- -

FEBRERO DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF. 6 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
[illegible]	N	[illegible]-8	20-11	16-7	22-6	15-9	24-9	19-8	11-13	8-15	4-35
	NE	[illegible]-6	10-9	8-7	8-5	11-7	8-14	3-8	15-16	15-24	20-26
	E	- -	14-11	16-9	10-6	8-9	7-7	11-12	21-20	36-27	31-29
	SE	- -	15-9	14-9	6-8	6-7	8-10	9-9	16-18	10-21	8-16
	S	22-18	7-6	5-8	3-9	6-6	4-8	8-6	6-11	4-22	5-14
	SW	31-23	12-13	6-4	5-8	4-5	3-4	3-6	5-5	1-13	3-28
	W	18-13	14-12	14-8	13-7	12-9	19-9	18-9	7-11	5-16	2-20
	NW	1[illegible]-14	6-10	22-10	36-13	41-1[illegible]	30-14	[illegible]	13-1[illegible]	6-24	6-19
	C	[illegible]	- -	[illegible]	- -	- -	- -	- -	- -	- -	- -

NOTA: [illegible] Frecuencia; [illegible] Velocidad media en kilómetros por hora

MARZO DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF 6 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
123	N	4-9	19-17	23-8	7-8	16-7	23-25	23-10	11-13	6-14	6-13
	NE	5-7	11-6	13-5	10-6	5-7	8-20	8-10	12-13	27-17	28-18
	E	1-7	22-10	6-7	11-9	18-9	15-9	13-10	27-15	31-18	36-22
	SE	2-8	15-12	13-10	12-11	14-9	9-13	9-14	25-17	19-19	11-21
	S	9-19	10-5	7-5	15-6	2-15	6-8	2-7	5-11	12-16	4-11
	SO	14-19	13-11	9-7	3-5	4-11	2-8	7-12	8-12	2-28	8-14
	O	22-13	8-12	21-9	24-11	5-17	13-11	13-11	16-8	7-15	3-17
	NO	18-14	13-11	30-12	41-13	54-14	56-14	46-15	14-14	6-16	7-14
	C	20	- -	2	- -	- -	- -	- -	- -	- -	- -

ABRIL DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 6 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
116	N	1-15	10-12	12-8	11-9	15-7	17-9	15-10	9-11	8-18	16-15
	NE	2-4	13-9	12-7	2-4	5-13	5-11	9-6	11-11	18-17	13-18
	E	- -	20-13	13-10	11-8	13-9	12-9	17-7	27-12	32-21	34-25
	SE	1-6	22-13	20-9	23-9	27-11	24-11	16-7	24-18	22-19	16-24
	S	12-16	3-12	10-9	8-8	6-5	9-10	8-8	11-11	7-22	6-13
	SO	13-19	12-13	4-4	6-6	3-5	3-7	4-5	5-17	6-13	3-22
	O	13-12	11-11	18-10	15-8	10-5	9-8	18-11	12-13	5-12	4-15
	NO	13-15	14-13	20-12	39-12	37-14	37-12	28-18	11-13	2-17	2-11
	C	2	- -	- -	1	- -	- -	- -	- -	1	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

P I S C O

MAYO DE 1950

CANTIDAD DE CASOS	DIR	SUPERF 6 mts F - V	600 F - V	900 F - V	1500 F - V	1800 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
109	N	2-7	9-12	9-1	11-10	9-9	10-12	13-11	15-17	24-23	33-24
	NE	6-8	9-8	9-6	1-7	2-4	5-6	4-10	8-14	14-20	13-18
	E	9-5	22-10	16-2	11-10	9-10	9-12	5-14	17-19	10-20	9-20
	SE	3-11	11-11	22-4	10-17	24-18	26-19	32-24	17-35	12-15	4-21
	S	16-15	8-11	13-8	8-12	6-15	6-26	4-14	11-14	7-17	6-23
	SW	17-19	10-10	6-5	2-15	-	1-3	6-12	8-12	9-21	10-22
	W	24-14	12-9	11-8	10-9	25-11	10-11	9-10	11-22	10-13	8-24
	NW	13-14	17-7	22-9	38-15	41-19	39-19	36-19	38-20	15-22	14-26
		21	-	-	-	-	-	-	-	-	- -

JUNIO DE 1950

CANTIDAD DE CASOS	DIR	SUPERF 6 mts F - V	600 F - V	900 F - V	1500 F - V	1800 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
73	N	7-20	6-6	7-13	5-10	3-11	9-8	7-14	3-19	3-14	4-25
	NE	10-11	5-5	10-8	2-6	1-4	1-11	5-5	1-9	4-28	3-31
	E	12-14	11-10	9-13	7-9	6-14	3-17	6-11	7-22	5-23	4-37
	SE	4-8	11-7	5-15	20-2	6-14	9-28	9-18	10-19	1-28	1-37
	S	1-17	17-8	7-9	6-13	7-21	5-4	4-21	2-7	4-16	3-24
	SW	9-17	6-8	3-6	1-6	1-7	6-14	3-20	1-15	11-21	8-21
	W	5-16	5-4	1-4	8-8	2-7	10-7	9-22	7-21	15-31	21-31
	NW	1-13	1-5	5-7	12-2	2-8	3-17	6-23	6-20	10-27	9-32
		3	-	-	-	-	-	-	-	-	- -

JULIO DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 6 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
67	N	- -	9-10	9-10	3-5	7-15	7-10	8-8	4-17	9-20	10-28
	NE	3-7	5-9	7-10	2-3	1-4	1-9	1-9	3-12	6-15	8-21
	E	9-8	10-10	15-15	12-7	5-8	4-9	8-19	7-33	7-17	4-22
	SE	5-7	14-9	26-15	14-16	5-17	8-12	10-23	18-24	3-30	4-20
	S	7-16	4-8	3-7	15-9	9-9	13-12	9-13	7-11	- -	- -
	SW	11-21	12-9	- -	6-6	7-11	5-20	8-14	2-6	- -	1-41
	W	14-14	8-7	3-4	4-5	11-12	10-10	8-11	9-25	15-30	9-32
	NW	10-15	6-11	8-9	12-9	30-13	18-14	11-13	12-20	20-27	16-41
	C	6	- -	- -	- -	1	- -	- -	- -	- -	- -

AGOSTO DE 1950

CANTI-DAD DE OBSERV.	DD	SUPERF 6 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
63	N	- -	7-9	5-13	5-17	5-9	5-5	7-8	3-6	6-21	12-36
	NE	4-6	4-6	5-10	- -	- -	5-8	- -	3-11	4-29	7-19
	E	5-9	9-9	10-7	4-6	8-9	6-8	10-12	13-18	6-26	4-21
	SE	2-2	9-10	12-13	15-20	16-19	13-22	17-24	10-13	3-11	1-7
	S	2-24	8-7	2-8	7-12	8-12	7-13	12-15	11-10	3-17	2-12
	SW	18-16	7-12	- -	3-14	2-8	2-13	4-19	6-13	7-19	2-24
	W	21-15	13-12	3-14	6-7	7-9	8-7	4-8	10-18	19-22	14-29
	NW	3-15	6-7	11-13	20-17	17-14	17-11	8-18	3-8	11-23	12-24
	C	8	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

FRECUENCIA Y VELOCIDAD MEDIA DE LOS VIENTOS SUPERIORES

P I S C O

SETIEMBRE DE 1950

CANTIDAD DE OBSERV	DD	SUPERF 6 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
66	N	- -	4-11	7-14	2-7	2-8	4-14	3-7	7-10	12-21	11-23
	NE	1-4	2-7	6-9	- -	- -	- -	3-6	5-7	3-17	4-16
	E	2-9	11-9	12-12	5-19	2-7	3-9	4-14	6-13	4-27	2-24
	SE	- -	9-11	13-15	17-17	19-17	14-19	10-21	8-16	4-17	1-37
	S	9-11	8-11	[illegible]-9	5-10	8-16	9-14	12-13	5-14	4-15	6-25
	SW	26-21	14-9	[illegible]	5-7	4-9	3-11	4-12	5-11	7-16	1-20
	W	11-14	9-11	3-11	2-6	2-14	8-22	9-20	16-21	11-24	13-22
	NW	7-14	6-9	16-18	29-21	29-24	25-22	20-20	11-16	13-30	16-27
	C	10	- -	- -	- -	- -	- -	- -	- -	- -	- -

OCTUBRE DE 1950

CANTIDAD DE OBSERV	DD	SUPERF 6 mts. F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
63	N	2-18	4-5	16-9	3-11	3-22	3-13	5-12	3-25	6-19	7-37
	NE	1-7	5-10	7-9	2-5	2-9	- -	1-9	5-12	5-27	7-29
	[illegible]	[illegible]-6	10-10	[illegible]-10	4-6	7-13	5-19	7-11	17-15	13-26	10-22
	SE	- -	3-9	[illegible]-7	15-13	11-15	14-13	8-18	8-14	6-21	5-19
	S	1[illegible]-16	9-7	[illegible]-5	1-7	7-7	6-12	4-14	6-11	[illegible]-15	4-24
	SW	17-20	13-11	[illegible]	3-3	2-18	1-4	6-9	[illegible]-12	[illegible]-21	- -
	W	13-18	7-8	[illegible]-12	[illegible]	11-10	7-1[illegible]	9-8	[illegible]-24	[illegible]-35	9-2[illegible]
	NW	11-17	10-7	[illegible]-7	[illegible]	23-19	2[illegible]	22-[illegible]8	8-26	1[illegible]	10-47
	C	4	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media [illegible]

CANTIDAD DE OBSERVS	DD	SUPERF 6 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
55	N	- -	4-7	9-9	7-12	2-5	3-10	8-10	2-20	1-22	1-7
	NE	1-4	5-9	4-7	2-6	3-7	3-5	2-8	5-9	5-19	5-16
	E	6-7	7-13	12-11	2-6	5-9	6-8	6-9	5-27	20-20	11-19
	SE	- -	6-14	8-12	14-15	8-9	6-11	6-14	14-21	8-27	11-31
	S	17-15	6-7	5-6	5-10	6-8	8-11	1-4	6-20	3-19	3-30
	SW	10-22	8-12	1-4	2-5	3-8	1-4	3-12	6-13	2-15	1-43
	W	10-15	14-10	6-8	3-7	7-13	6-13	12-13	7-16	2-16	4-23
	NW	4-16	4-12	9-9	18-16	20-22	20-19	15-24	6-14	4-18	6-10
	C	7	- -	- -	- -	- -	- -	- -	- -	- -	- -

DICIEMBRE DE 1950

CANTIDAD DE OBSERVS	DD	SUPERF 6 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
41	N	- -	2-17	12-14	8-9	7-11	4-9	4-10	5-23	1-41	4-19
	NE	- -	1-20	1-4	2-8	- -	- -	1-15	2-19	1-41	1-19
	E	1-7	6-10	1-5	6-10	4-23	4-22	4-20	5-8	3-31	2-44
	SE	1-7	1-13	5-11	7-10	9-12	9-16	8-18	8-16	7-18	3-31
	S	15-20	6-16	4-10	4-6	1-7	3-10	3-9	1-22	3-16	2-18
	SW	10-21	17-18	2-8	1-30	1-4	2-6	- -	- -	- -	2-34
	W	5-16	5-13	6-9	1-13	2-6	- -	7-16	5-22	8-25	3-31
	NW	3-16	3-15	7-29	20-17	13-25	25-22	10-26	10-29	5-32	2-26
	C	6	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media en kilómetros por hora

FRECUENCIA Y VELOCIDAD MEDIA DE LOS VIENTOS SUPERIORES

A L T O S

ENERO DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF 117 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F -
24	N	10-13	17-29	16-33	20-27	19-24	15-22	11-23	11-16	5-22	2-17
	NE	- -	1-33	3-28	3-24	2-27	3-24	3-14	2-25	5-29	- -
	E	7-6	1-7	2-11	- -	2-21	2-22	2-19	4-26	1-24	3-24
	SE	- -	1-9	- -	1-9	1-15	1-15	1-10	- -	1-35	1-44
	S	- -	1-6	1-9	- -	- -	- -	1-7	- -	1-16	- -
	SW	- -	- -	- -	- -	- -	- -	- -	- -	- -	1-7
	W	- -	1-7	- -	- -	- -	- -	1-17	1-17	- -	- -
	NW	5-11	1-19	1-20	- -	- -	2-24	1-18	4-23	2-26	4-12
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

FEBRERO DE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF 117 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
24	N	3-8	6-16	11-19	10-28	7-24	6-22	7-22	3-16	3-12	3-8
	NE	3-7	6-19	1-26	2-18	5-20	5-16	2-31	4-14	2-17	3-24
	E	1-6	- -	1-9	- -	1-17	2-33	3-20	2-19	2-10	1-2
	SE	2-4	- -	- -	2-12	- -	- -	- -	1-7	1-11	- -
	S	1-2	1-11	1-4	- -	- -	- -	- -	- -	- -	1-4
	SW	1-11	- -	- -	- -	- -	- -	- -	1-7	- -	- -
	W	- -	-	-	- -	- -	1-17	- -	- -	1-11	- -
	NW	1-15	1-6	- -	- -	1-24	-	- -	1-15	1-7	- -
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	-

NOTA : F = Frecuencia, V = Velocidad media en kilómetros por hora

- 1.1 -

CANTIDAD DE OBSERVS	DD	SUPERF 117 ms F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
[illegible]	N	[illegible]	6-[illegible]	11-[illegible]	16-35	16-[illegible]	12-22	11-20	3-8	4-13	4-16
	NE	2-7	7-14	5-13	2-[illegible]	1-15	2-19	1-11	2-4	1-6	1-24
	E	8-6	1-30	2-11	- -	- -	1-7	1-4	1-7	2-8	2-16
	SE	1-4	1-2	1-24	1-17	- -	1-7	- -	2-4	1-7	1-6
	S	2-13	1-19	- -	- -	- -	- -	- -	1-4	- -	- -
	SW	- -	- -	- -	- -	- -	- -	1-4	1-13	- -	1-6
	W	1-2	- -	- -	- -	- -	- -	- -	- -	- -	- -
	NW	3-4	4-16	2-21		- -	- -	1-7	3-10	3-7	- -
	C	1	- -	- -	- -	- -	- -	- -	- -	- -	1

ABRIL DE 1950

CANTIDAD DE OBSERV.	DD	SUPERF 117 ms F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
[illegible]	N	[illegible]-11	3-12	4-23	7-27	7-20	6-20	4-18	1-15	- -	- -
	NE	1-6	4-14	5-12	4-10	2-12	1-13	2-11	1-15	- -	1-20
	E	4-5	2-19	1-17	1-17	2-14	2-12	3-14	5-12	3-20	2-24
	SE	- -	- -	1-19	- -	- -	1-11	- -	- -	- -	- -
	S	1-6	1-7	- -	- -	- -	- -	1-11	1-22	1-19	1-4
	SW	2-6	- -	- -	- -	- -	- -	- -	- -	- -	- -
	W	3-2	1-4	1-11	1-19	- -	1-15	1-19	- -	1-7	- -
	NW	- -	2-10	2-17	1-31	1-12	2-14	1-19	1-19	- -	- -
	C	1	- -	- -	- -	- -		- -	- -	- -	- -

NOTA : F = Frecuencia, V = Velocidad media en kilómetros por hora

FRECUENCIA Y VELOCIDAD MEDIA DE LOS VIENTOS SUPERIORES

IQUITOS

MAYO 1950

CANTIDAD DE OBSERVS	DD	SUPERF. 117 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
16	N	3-31	2-12	3-17	6-12	1-22	3-11	1-4	- -	- -	- -
	NE	1-4	1-22	1-17	- -	6-11	3-9	6-11	2-14	3-24	2-27
	E	2-5	1-11	1-15	3-16	5-17	4-11	5-17	9-20	3-33	5-31
	SE	- -	3-11	3-18	2-15	4-13	3-10	4-13	2-20	2-19	1-28
	S	2-4	4-14	3-9	3-14	- -	- -	- -	1-7	- -	- -
	SW	3-4	1-6	1-15	- -	- -	- -	- -	- -	1-7	- -
	W	3-3	3-7	2-6	1-9	- -	2-7	- -	- -	- -	1-9
	NW	- -	1-7	3-11	1-9	- -	1-11	- -	- -	- -	- -
	C	2	- -	- -	- -	- -	- -	- -	- -	- -	- -

JUNIO 1950

CANTIDAD DE OBSERV	DD	SUPERF. 117mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
16	N	1-15	2-19	3-11	3-17	3-17	3-25	3-13	- -	- -	- -
	NE		4-8	3-8	5-14	4-14	4-14	4-16	5-24	4-32	3-28
	E	5-4	5-13	5-13	5-15	5-19	6-15	7-17	7-24	3-27	2-31
	SE	- -	- -	- -	1-17	3-14	1-6	- -	- -	- -	1-26
	S	1-2	2-9	2-9	1-6	- -	- -	1-7	- -	- -	- -
	SW	4-4	2-9	2-9	- -	- -	- -	- -	- -	- -	- -
	W	2-3	1-2	1-2	- -	- -	- -	- -	- -	- -	- -
	NW	2-4	-	- -	- -	- -	1-2	1-13	- -	- -	- -
	C	1	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia; V = Velocidad media en kilometros por hora

JULIO 1950

CARTA DE DIRECTIVO	DIRECCION	SUPERFICIE 1.000 mts.	600	900	1500	2100	2400	3000	4200	5400	6000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
X	N	2-4	3-9	1-4	1-2	2-8	1-2	1-2	1-2	- -	- -
	NE	- -	- -	3-11	1-19	2-24	3-25	4-20	5-25	2-24	1 -
	E	4-6	4-8	3-10	8-17	7-16	7-20	6-35	4-29	2-24	1 -
	SE	1-19	2-7	5-17	6-23	6-30	6-29	3-18	- -	- -	- -
	S	5-8	8-18	5-21	3-24	1-17	1-19	- -	- -	- -	- -
	SW	1-4	1-2	1-11	- -	- -	- -	- -	- -	- -	- -
	W	1-4	- -	1-2	- -	- -	- -	- -	- -	- -	- -
	NW	4-9	1-4	- -	- -	- -	- -	- -	- -	- -	- -
	C	2 -	- -	- -	- -	- -	- -	- -	- -	- -	- -

AGOSTO 1950

CARTA DE DIRECTIVO	DIRECCION	SUPERFICIE 1.000 mts.	600	900	1500	2100	2400	3000	4200	5400	6000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
8	N	6-5	5-9	1-6	1-13	3-8	3-13	4-17	2-11	- -	- -
	NE	1-9	6-13	6-13	5-13	5-11	10-15	7-17	4-4	7-39	4-51
	E	11-6	3-15	4-12	6-22	4-19	10-19	12-20	14-35	7-31	7-44
	SE	2-9	7-18	13-20	14-26	12-31	12-27	9-29	6-29	4-32	2-43
	S	8-6	6-11	6-10	9-9	2-3	1-41	- -	1-33	- -	- -
	SW	- -	9-11	2-11	3-11	1-13	- -	- -	- -	- -	- -
	W	7-4	5-13	3-10	1-9	1-9	- -	1-6	- -	- -	- -
	NW	3-6	4-12	2-6	- -	- -	- -	1-4	- -	- -	- -
	C	1	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia, V = Velocidad media en kilómetros por hora

[illegible]

I Q U I T O S

SETIEMBRE 1950

CANTIDA DE OBSERVS.	DD	SUPERF. 117 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
36	N	6-6	8-12	7-12	7-12	3-24	1-15	- -	1-9	- -	2-9
	NE	4-7	6-17	6-15	5-17	10-18	6-17	7-19	4-25	4-16	5-27
	E	5-13	4-14	6-18	8-22	11-23	18-22	19-23	18-28	19-32	10-36
	SE	2-8	4-16	5-23	3-17	4-19	5-14	3-16	2-15	- -	- -
	S	10-7	7-11	5-10	5-10	3-12	- -	- -	- -	- -	1-11
	SW	- -	3-11	- -	1-4	- -	- -	- -	- -	- -	- -
	[illegible]	1-6	1-15	3-10	- -	- -	- -	- -	- -	- -	- -
	NW	2-8	3-7	3-14	3-10	- -	- -	- -	- -	- -	- -
	[illegible]	3	- -	- -	- -	- -	- -	- -	- -	- -	- -

OCTUBRE 1950

CANTIDA DE OBSERV.	DD	SUPERF. 117 mts F - V	600 F - V	900 F - V	1500 F - V	2100 F - V	2400 F - V	3000 F - V	4200 F - V	5400 F - V	6000 F - V
37	N	12-5	9-17	12-15	15-20	7-26	11-21	9-14	4-12	3-17	2-12
	NE	6-4	9-17	7-22	9-15	9-17	8-16	10-17	8-18	7-19	5-21
	E	5-4	2-11	7-14	6-13	7-20	8-19	8-20	10-22	9-25	7-27
	SE	- -	4-7	4-12	6-19	6-16	4-16	4-15	2-17	1-22	2-17
	S	5-8	4-9	3-7	1-6	2-22	2-23	2-11	2-9	1-26	1-11
	SW	1-4	1-22	1-9	1-24	- -	- -	- -	1-13	2-18	4-25
	[illegible]	[illegible]-6	4-15	1-19	1-2	3-10	- -	- -	- -	2-20	2-12
	[illegible]	[illegible]	[illegible]	2-10	-	2-19	1-19	1-13	1-7	- -	- -
	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

[illegible] Cuenta, V = Velocidad media en kilómetros por hora

NOVIEMBRE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF. 117 mts	600	900	1500	2100	2400	3000	4200	5400	6000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
31	N	8-8	18-19	22-22	19-31	9-27	17-25	10-21	6-14	4-15	3-14
	NE	3-9	4-23	3-21	6-12	6-23	3-17	3-14	2-10	3-21	1-22
	E	2-4	2-9	3-11	1-10	1-20	2-15	- -	2-26	2-8	1-37
	SE	- -	1-4	- -	2-8	- -	- -	1-15	2-8	3-19	2-41
	S	1-2	1-4	1-6	- -	- -	- -	- -	3-10	1-6	1-13
	SW	1-4	- -	- -	1-7	- -	- -	- -	- -	1-11	3-20
	W	4-3	2-27	1-9	- -	1-19	1-9	1-13	2-16	2-24	2-20
	NW	2-5	3-13	1-31	2-25	4-18	4-26	11-23	8-20	2-9	2-12
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

DICIEMBRE 1950

CANTIDAD DE OBSERVS.	DD	SUPERF. 117 mts	600	900	1500	2100	2400	3000	4200	5400	6000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F -
24	N	5-7	14-16	13-20	11-24	7-20	10-14	6-13	7-11	1-15	-
	NE	- -	- -	3-22	5-25	8-21	5-18	6-14	4-18	2-14	2-30
	E	5-6	3-27	2-28	1-14	- -	1-15	1-11	2-13	1-9	1-3
	SE	- -	1-20	- -	- -	- -	- -	1-15	- -	2-6	1-6
	S	1-4	2-8	- -	- -	- -	2-13	- -	3-16	- -	1-7
	SW	- -	1-9	- -	- -	2-10	- -	1-7	- -	1-19	- -
	W	2-7	- -	1-6	2-31	- -	- -	1-17	- -	- -	- -
	NW	2-6	4-11	2-16	3-17	3-12	4-15	4-13	1-16	- -	- -
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

NOTA : F = Frecuencia, V = Velocidad media en kilómetros por hora