INTRODUCCION

Continuando con el propósito de poner al día las estadísticas de caracter climatológico, la Dirección General de Meteorología del Perú publica ahora el Boletín Anual Meteorológico con los datos correspondientes al Año de 1947; información que, como se verá, está 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 31 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. La demanda contínua de esta clase de publicaciones, comprueba tal afirmación; porque a diario nuestra Oficina recibe solicitudes para obtener relaciones climatológicas de diferentes lugares del territorio nacional.

Todos los resúmenes aquí contenidos, han sido realizados por personal propio, así como la impresión misma. Las horas de observación se refieren a: 0700, 1300 y 1800, local (1200, 1800 y 2300 T.C.G.), respectivamente. Las presiones, reducidas al nivel del lugar de observación, están consignadas en milibares.

Lima, Enero de 1955.

El Director General de Meteorología del Perú
Coronel F.A.P.
ALFREDO [illegible]

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988
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Environmental Data Rescue Program

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September 14, 1999

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RESUMENES MENSUALES Y ANUALES DE LAS ESTACIONES DE PRIMER ORDEN

	TEMPERATURA EN GRADOS CENTIGRADOS									HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	[illegible]
	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]	22.3	28.6	23.7	24.6	31.0	20.0	11.0	34.4	18.5	72	49	68	66	89	39	168.8	15.32	-	7
[illegible]	[illegible]	26.3	24.3	25.2	30.4	20.7	9.7	33.3	19.0	75	58	70	69	86	46	140.9	16.61	-	6
[illegible]	[illegible]	[illegible]	24.9	25.6	31.4	21.4	10.0	34.4	19.5	67	52	65	62	82	40	193.4	15.28	-	7
[illegible]	22.6	28.6	23.2	23.4	30.6	20.5	10.1	32.2	18.4	72	52	70	66	86	41	165.9	16.26	-	6
[illegible]	20.6	[illegible]	20.3	22.4	29.5	18.7	10.8	31.6	15.2	75	52	76	69	86	40	164.3	14.03	-	6
[illegible]	[illegible]	23.5	18.4	19.1	25.9	15.7	10.2	30.0	13.6	84	60	84	77	[illegible]	48	111.1	12.77	-	6
[illegible]	[illegible]	[illegible]	17.8	18.2	25.6	14.2	11.4	28.4	12.6	86	57	83	76	90	45	116.8	11.92	-	6
[illegible]	[illegible]	[illegible]	16.8	17.3	24.5	13.0	11.5	27.7	10.5	87	60	85	79	92	47	104.8	11.77	-	5
[illegible]	[illegible]	21.5	16.8	17.7	25.1	13.8	11.3	28.3	11.7	85	60	85	78	91	44	99.6	11.86	-	6
[illegible]	[illegible]	[illegible]	17.4	18.3	25.4	13.0	10.4	28.8	13.0	81	55	82	75	90	43	109.0	11.84	-	6
[illegible]	[illegible]	[illegible]	18.0	19.1	26.4	16.0	10.4	28.3	15.0	80	54	81	74	90	43	111.3	12.28	-	6
[illegible]	[illegible]	27.1	20.1	21.4	28.8	17.6	11.2	31.6	14.4	74	50	75	69	88	38	144.4	13.20	-	7
[illegible]	[illegible]	25.7	[illegible]	21.0	27.9	17.2	10.7	34.4	10.5	78	55	77	72	88	43	-	13.59	-	6

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DEL SOL	INSOLACION MEDIA EN MINUTOS
	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]	25.0	28.8	27.2	25.9	29.4	23.4	6.0	31.0	21.5	68	59	67	-	-	-	293.3	-	-	-
[illegible]	25.4	28.6	27.5	26.5	29.3	24.0	5.5	31.0	23.0	72	62	67	-	-	-	222.4	-	-	-
[illegible]	26.3	29.1	27.6	26.3	29.5	24.2	5.3	31.5	23.0	65	60	66	-	-	-	282.4	-	-	-
[illegible]	26.2	28.7	26.0	26.4	29.8	24.2	5.6	32.0	23.5	64	58	67	-	-	-	262.9	-	-	-
[illegible]	22.8	26.3	23.8	24.4	28.2	22.3	5.9	31.0	20.0	70	62	70	-	-	-	255.3	-	-	-
[illegible]	21.1	23.9	21.8	22.3	25.1	20.1	5.0	26.5	18.5	76	70	74	-	-	-	204.9	-	-	-
[illegible]	20.2	23.8	21.5	21.6	[illegible]	18.8	6.0	26.0	18.0	77	66	73	-	-	-	191.9	-	-	-
[illegible]	19.5	21.8	20.6	20.8	23.6	17.3	6.3	26.5	15.5	82	74	79	-	-	-	207.1	-	-	-
[illegible]	20.1	[illegible]	20.8	21.0	[illegible]	18.4	5.1	26.5	16.5	78	67	75	-	-	-	205.5	-	-	-
[illegible]	20.4	22.9	21.1	21.6	24.3	18.1	6.2	27.0	17.0	80	72	77	-	-	-	224.2	-	-	-
[illegible]	[illegible]	24.4	21.9	22.2	[illegible]	19.6	5.1	26.5	19.0	72	62	72	-	-	-	275.7	-	-	-
[illegible]	[illegible]	[illegible]	23.5	23.7	27.0	20.9	6.1	30.0	19.5	76	64	73	-	-	-	238.1	-	-	-
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.9	5.7	ABR. 32.0	AGO. 15.5	73	65	72	-	-	-	-	-	-	-

T O S

Lat. 4° 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 M/S.)			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	[illegible]	[illegible]	[illegible]
-	-	-	1013.9	1015.7	1011.2	1016.7	1009.3	-	-	-	-	-	-
7.16	5.99	4	1014.2	1016.3	1012.3	1016.8	1009.3	-	-	-	-	-	-
-	-	-	1014.4	1016.4	1012.3	1018.7	1009.3	-	-	-	-	-	-
-	-	-	1014.4	1016.4	1011.8	1018.7	1009.3	-	-	-		-	-
-	-	-	1015.8	1017.6	1013.6	1020.0	1010.6	-	-	-	-	-	-
-	-	-	1017.3	1019.0	1015.3	1021.3	1013.3	-	-	-	-	-	-
-	-	-	1017.6	1019.3	1015.4	1021.3	1013.3	-	-	-	-	-	-
0.75	0.75	1	1017.8	1019.6	1015.6	1021.3	1012.0	-	-	-	-	-	-
-	-	-	1018.1	1019.8	1016.0	1022.6	1010.6	-	-	-	-	-	-
-	-	-	1017.3	1019.2	1014.9	1021.3	1012.0	-	-	-		-	-
-	-	-	1016.6	1018.5	1014.7	1022.6	1012.0	-	-	-	-	-	-
Vest.	Vest.	8	1013.4	1016.4	1012.4	1020.6	1008.6	-	-	-	-	-	-
Total 7.91	-	-	1015.9	1017.8	1013.8	1022.6	1008.6	-	-	-		-	1

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 BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA				
ENE.	-	-	-	25.7	30.0	23.1	6.9	31.7	21.7	-	-	-	-	-	-	-	-	253	-
FEB.	-	-	-	26.6	30.9	24.2	6.7	33.3	22.7	-	-	-	-	-	-	-	-	197	-
MAR.	-	-	-	26.5	31.0	23.7	7.3	34.4	22.8	-	-	-	-	-	-	-	-	262	-
ABR.	-	-	-	25.5	30.0	22.5	7.5	32.8	21.1	-	-	-	-	-	-	-	-	251	-
MAY.	-	-	-	23.4	27.9	20.7	7.2	30.6	18.9	-	-	-	-	-	-	-	-	264	-
JUN.	-	-	-	21.7	25.4	19.3	6.1	26.7	18.3	-	-	-	-	-	-	-	-	236	-
JUL.	-	-	-	20.0	23.6	17.6	6.0	25.0	16.3	-	-	-	-	-	-	-	-	102	-
AGO.	-	-	-	20.7	24.5	18.4	6.1	26.1	17.2	-	-	-	-	-	-	-	-	172	-
SET.	-	-	-	16.4	20.0	14.1	5.9	23.3	12.8	-	-	-	-	-	-	-	-	195	-
OCT.	-	-	-	16.6	19.8	14.4	5.4	22.2	12.8	-	-	-	-	-	-	-	-	264	-
NOV.	-	-	-	17.0	20.2	14.8	5.4	22.2	13.3	-	-	-	-	-	-	-	-	248	-
DIC.	-	-	-	18.9	22.4	16.4	6.0	25.0	14.4	-	-	-	-	-	-	-	-	253	-
[illegible]	-	-	-	21.6	25.5	19.1	6.4	MAR. Varios 34.4	12.8	-	-	-	-	-	-	-	-	-	-

1 9 0 3

Lat. 4° 39' S.
Long. 81° 18' W. de G.
Alt. 25 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	00	12	00
-	-	-	1020.3	1023.0	1018.3	1026.1	1015.9	-	-	-
-	-	-	1020.3	1022.0	1018.3	1024.4	1015.9	-	-	-
-	-	-	1020.7	1022.4	1018.6	1024.4	1015.9	-	-	-
-	-	-	1020.7	1022.7	1019.0	1024.4	1015.9	-	-	-
-	-	-	1022.7	1024.4	1020.7	1026.1	1019.3	-	-	-
-	-	-	1023.4	1025.1	1021.7	1027.8	1019.3	-	-	-
-	-	-	1023.8	1025.1	1021.7	1027.8	1017.6	-	-	-
-	-	-	1023.4	1025.1	1021.7	1027.8	1019.3	-	-	-
-	-	-	1024.0	1025.7	1022.0	1027.8	1021.0	-	-	-
-	-	-	1024.0	1025.7	1022.0	1027.8	1019.3	-	-	-
-	-	-	1023.4	1025.1	1021.3	1027.8	1019.3	-	-	-
-	-	-	1021.7	1023.0	1019.3	1026.1	1017.6	-	-	-
TOTAL -	-	-	1022.4	1024.1	1020.4	Varios 1022.8	Varios 1015.9	-	-	-

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 DECIMOS
	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				
E.	23.9	32.2	28.9	27.4	35.8	22.3	13.5	37.3	18.8	-	-	-	57	76	28	328.3	15.62	-	6
B.	24.5	32.7	30.2	27.9	35.9	22.9	13.0	38.3	20.7	-	-	-	56	76	26	206.7	15.80	-	-
R.	24.0	32.1	30.7	28.9	37.3	23.5	13.8	39.2	21.2	-	-	-	55	75	24	203.2	16.44	244	5
R.	22.5	31.1	29.5	25.9	34.4	20.3	14.1	37.0	17.9	-	-	-	59	74	31	217.6	14.80	255	3
Y.	21.0	29.0	27.6	24.2	32.3	18.6	13.7	35.4	16.9	-	-	-	64	73	40	246.8	14.51	253	4
N.	-	-	-	21.5	29.7	17.2	12.5	33.5	15.1	-	-	-	65	69	53	170.8	12.51	193	5
L.	-	-	-	19.5	27.5	15.5	12.0	30.3	11.0	-	-	-	63	67	50	122.7	10.72	191	4
O.	-	-	-	19.2	27.9	15.2	12.7	30.5	12.0	-	-	-	61	65	46	174.7	10.19	197	3
I.	-	-	-	20.3	29.3	16.0	13.3	32.0	14.0	-	-	-	78	94	43	145.3	13.95	180	4
T.	-	-	-	20.6	29.8	16.0	13.8	35.0	13.7	-	-	-	70	86	37	168.2	12.75	233	3
V.	17.6	25.7	25.0	21.2	30.3	16.4	13.9	33.5	11.0	-	-	-	78	90	44	200.9	14.74	239	4
C.	19.8	28.2	27.3	23.4	32.5	18.7	13.8	35.3	10.0	-	-	-	82	96	51	189.4	17.71	189	5
MEDIA ANUAL	21.9	30.1	28.4	23.3	31.9	18.6	13.3	MAR. 39.2	DIC. 10.0	-	-	-	66	78	39	-	14.14	-	4

A

Lat. 5° 11′ S.
Long. 80° 37′ W. de G.
Alt. 52 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			FENOMENOS DIVERSOS		
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	TEMPESTAD ELECTRICA	NIEBLA	[illegible]
2.03	2.03	1	1010.1	1013.0	1005.8	1014.6	1003.8	S - 1	S - 1	SSW - 4	-	-	-
6.60	6.60	1	1010.8	1013.6	1007.2	1016.0	1004.1	S - 1	S - 1	SSW - [illegible]	-	-	
1.80	1.80	1	1010.2	1013.2	1006.1	1014.8	1003.0	S - 1	S - 1	SSW - 3	-	-	
2.29	1.27	2	1010.2	1012.9	1006.2	1014.6	1003.8	S - 1	S - 1	S - 5			
0.51	0.51	1	1012.1	1014.6	1008.6	1016.2	1005.8	S - 1	S - 2	S - 6	-	-	
0.51	0.51	1	1012.8	1015.0	1009.7	1017.0	1006.8	S - 1	S - 2	S - 4	-	-	-
0.00	0.00	0	1013.3	1015.4	1010.1	1017.3	1006.2	S - 2	SSE - 2	S - 4			
3.81	3.81	1	1013.7	1015.7	1011.4	1017.2	1006.6	S - 1	S - 1	S - 4			
0.00	0.00	0	1014.0	1016.2	1010.6	1017.4	1008.5	S - 2	S - 2	S - 4	-	-	-
0.00	0.00	0	1012.9	1015.2	1009.2	1016.9	1007.1	S - 2	S - 2	S - 5			
5.91	5.06	2	1012.9	1015.3	1009.2	1017.8	1006.4	S - 2	S - 2	S - 4			
2.29	2.29	1	1012.1	1016.6	1006.4	1020.6	1001.3	S - 2	S - 2	S - [illegible]			
Total 29.75	-	-	1012.1	1014.7	1008.3	DIC. 1020.6	DIC. 1001.3	S - 2	S - 1	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 DECIMOS
	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				
NE.	13.8	19.8	18.1	16.2	21.7	12.3	9.4	26.0	10.4	87	73	78	-	-	-	66.8	-	272	9
SE.	13.5	19.4	16.5	15.6	20.6	12.1	8.5	26.0	11.0	89	77	82	-	-	-	50.0	-	226	8
AR.	13.5	18.7	16.4	15.5	20.2	12.0	8.2	24.0	10.0	88	75	82	-	-	-	56.0	-	252	9
OR.	13.4	18.6	16.0	15.1	20.0	11.8	8.2	22.0	10.5	86	74	83	-	-	-	48.0	-	246	9
NV.	13.1	19.0	16.8	15.3	20.3	11.9	8.4	22.5	11.0	88	74	80	-	-	-	49.2	-	277	9
DIC.	13.1	19.4	16.8	15.4	21.0	11.7	9.3	22.5	9.0	88	67	77	-	-	-	64.4	-	272	[illegible]
ENE.	12.2	18.7	16.7	14.8	20.4	10.7	9.7	23.0	8.0	87	67	74	-	-	-	77.9	-	282	8
FEB.	[illegible]	16.8	16.5	14.6	20.4	10.8	9.6	24.0	9.0	86	63	70	-	-	-	95.1	-	290	8
MAR.	[illegible]	18.8	16.4	14.9	20.8	11.3	9.5	24.0	9.5	88	73	80	-	-	-	65.0	-	265	9
ABR.	[illegible]	[illegible]	[illegible]	15.8	21.6	12.2	9.4	25.0	8.4	89	74	80	-	-	-	63.9	-	275	9
MAY.	[illegible]	[illegible]	[illegible]	15.9	22.2	11.4	10.8	26.6	8.0	88	69	77	-	-	-	87.1	-	277	8
JUN.	13.4	18.2	16.4	15.1	20.4	11.6	8.8	25.0	9.3	88	76	83	-	-	-	62.7	-	260	9
PROM.	[illegible]	[illegible]	16.8	15.4	20.8	11.6	9.2	NOV. 26.6	JUL. 8.0	88	72	79	-	-	-	-	-	-	8

I O Y A S

Lat. 6° 13' S.
Long. 77° 50' W. de G.
Alt. 2328 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			[illegible]	
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA BI-HORARIA	MEDIA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	[illegible]	[illegible]
42.50	11.50	13	778.5	774.2	770.6	775.6	768.1	C - 0	C - 0	C - 0	-	-
112.40	20.50	19	773.3	774.8	771.3	776.0	770.1	C - 0	C - 0	C - 0	-	-
52.60	12.00	18	773.9	774.5	772.0	777.6	769.9	C - 0	C - 0	C - 0	-	-
139.00	26.00	21	774.0	775.5	772.3	777.1	770.9	C - 0	C - 0	C - 0	-	-
47.50	20.00	12	774.1	775.7	772.5	778.1	770.8	C - 0	C - 0	C - 0	-	-
34.00	13.00	6	774.1	775.6	772.3	776.7	770.7	C - 0	C - 0	C - 0	-	-
29.00	[illegible]	6	774.4	775.9	772.7	777.5	770.8	C - 0	C - 0	C - 0	-	-
30.60	19.00	8	774.4	776.3	772.9	777.9	770.9	-	-	-	-	-
80.60	24.00	14	774.3	775.9	772.4	777.9	770.7	NW - 1	NW - 1	N - 2	-	-
89.20	18.00	17	772.8	774.4	770.9	775.6	768.7	C - 0	NW - 1	NW - 1	-	-
152.90	75.00	14	772.3	773.9	770.3	775.5	767.7	C - 0	C - 0	NW - 1	-	-
83.10	16.00	16	771.9	773.4	770.1	774.5	768.0	C - 0	C - 0	NW - 1	-	-
TOTAL 893.40	-	-	774.0	775.0	771.7	MAY. 778.1	DIC. 768.0	C - 0	C - 0	C - 0	-	-

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 DECIMOS
	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]	20.9	28.6	24.6	23.4	30.2	20.1	10.1	31.9	16.5	-	-	-	78	99	50	163.8	16.85	260	6
[illegible]	21.0	26.1	25.5	25.0	30.8	20.7	10.1	36.2	18.9	-	-	-	81	98	52	172.2	19.26	214	8
[illegible]	20.4	28.8	24.8	24.0	31.0	20.0	11.0	37.0	18.0	-	-	-	84	99	54	136.3	18.82	272	6
[illegible]	19.2	27.7	23.1	22.7	29.3	19.0	10.3	31.0	17.8	-	-	-	81	94	51	131.6	16.77	282	5
[illegible]	18.1	25.0	20.9	20.6	26.4	17.5	8.9	29.1	15.5	-	-	-	82	93	56	106.4	14.93	307	5
[illegible]	17.7	[illegible]	20.2	19.8	24.8	16.8	8.0	27.0	15.3	-	-	-	83	95	57	77.3	14.38	265	6
[illegible]	[illegible]	21.3	[illegible]	18.1	23.2	15.1	8.1	25.3	12.4	-	-	-	84	91	63	67.4	13.10	279	4
[illegible]	[illegible]	21.3	17.9	17.8	22.9	14.8	8.1	24.6	12.8	-	-	-	84	90	65	76.1	12.84	260	5
[illegible]	[illegible]	21.6	18.1	18.1	23.2	15.0	8.2	24.4	13.8	-	-	-	89	93	71	82.8	13.87	265	6
[illegible]	[illegible]	[illegible]	18.6	17.6	23.7	15.2	8.5	27.0	14.0	-	-	-	85	91	65	83.0	12.84	284	5
[illegible]	[illegible]	24.1	19.2	19.4	24.6	15.6	9.0	26.0	13.2	-	-	-	78	85	69	87.1	13.19	301	5
[illegible]	[illegible]	25.9	22.2	21.2	27.6	17.5	10.1	30.4	14.6	-	-	-	80	90	56	139.0	15.12	304	5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	MAR. 37.0	JUL. 12.4	-	-	-	82	93	58	-	15.11	-	6

L A Y O

Lat. 6° 47′ S.
Long. 79° 50′ W. de G.
Alt. 31 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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
0.50	0.50	2	1011.6	1013.0	1009.2	1015.3	1007.0	S - 2	S - 4	S - 5	-	-	[illegible]
0.60	0.40	2	1011.7	1013.4	1009.8	1016.4	1008.0	S - 2	S - 4	S - 5	-	-	[illegible]
3.80	1.90	4	1012.1	1013.7	1010.0	1016.0	1007.8	S - 2	S - 4	S - 4	-	-	[illegible]
2.40	1.00	4	1011.7	1013.4	1009.4	1015.8	1007.5	S - 3	S - 5	S - 5	-	-	[illegible]
0.00	0.00	0	1013.2	1014.6	1011.2	1016.0	1009.3	S - 2	S - 4	S - 4	-	-	[illegible]
0.80	0.80	1	1014.1	1015.4	1012.1	1016.6	1011.0	S - 3	S - 4	S - 4	-	-	[illegible]
0.80	0.80	1	1014.6	1016.0	[illegible]	1017.8	1010.0	S - 3	S - [illegible]	S - [illegible]	-		[illegible]
0.60	0.40	2	1014.5	1016.2	1012.5	1018.0	1009.2	S - 2	S - 4	S - 5	-	-	[illegible]
1.10	0.60	3	1015.2	1016.6	[illegible]	1018.1	1010.4	S - 2	S - 4	S - 5	-	-	[illegible]
0.40	0.40	1	1014.2	1016.0	1011.8	1017.8	1010.0	S - 2	SSW - 4	S - [illegible]	-	-	[illegible]
2.70	1.70	2	1013.8	1015.4	1011.7	1018.2	1009.3	S - 3	SSW - 5	SSW - [illegible]	-		[illegible]
2.10	1.30	4	1012.1	1014.0	1010.0	1017.3	1006.5	S - 2	S - [illegible]	S - [illegible]	-	-	[illegible]
TOTAL 15.80	-	-	1013.2	1014.8	1011.1	NOV. 1018.2	DIC. 1006.5	S - 2	S - 4	S - 5	-	-	134

MESES	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 DECIMOS
[illegible]	-	-	-	25.4	33.2	17.7	15.5	36.0	12.0	-	-	-	-	-	-	-	-	-	[illegible]
[illegible]	-	-	-	25.5	32.9	18.3	14.6	37.0	16.8	-	-	-	-	-	-	-	-	-	[illegible]
[illegible]	-	-	-	26.0	34.2	18.5	15.7	36.6	16.4	-	-	-	-	-	-	-	-	-	[illegible]
[illegible]	-	-	-	25.5	33.0	17.6	15.4	35.4	15.8	-	-	-	-	-	-	-	-	-	6
[illegible]	-	-	-	22.6	31.1	15.3	15.8	34.0	12.6	-	-	-	-	-	-	-	-	-	6
[illegible]	-	-	-	21.0	29.5	13.8	15.7	31.6	12.0	-	-	-	-	-	-	-	-	-	5
[illegible]	-	-	-	20.0	27.8	13.7	16.1	29.8	9.2	-	-	-	-	-	-	-	-	-	4
[illegible]	-	-	-	20.1	28.5	13.2	15.3	30.8	10.0	-	-	-	-	-	-	-	-	-	5
[illegible]	-	-	-	20.4	29.9	12.3	17.6	31.8	10.8	-	-	-	-	-	-	-	-	-	6
[illegible]	-	-	-	20.9	30.8	12.2	18.6	33.8	9.0	-	-	-	-	-	-	-	-	-	6
[illegible]	-	-	-	20.9	30.4	13.3	17.1	33.0	10.4	-	-	-	-	-	-	-	-	-	6
[illegible]	-	-	-	22.0	32.1	15.2	16.9	34.4	10.0	-	-	-	-	-	-	-	-	-	7
[illegible]	-	-	-	22.6	31.1	14.9	16.2	FEB. 37.0	OCT. 9.0	-	-	-	-	-	-		-	-	6

D E R O

Lat. 6° 48′ S.
Long. 79° 18′ W. de G.
Alt. 33 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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
2.01	0.66	4	-	-	-	-	-	-	-	-	-	-	-
5.04	2.96	4	-	-	-	-	-	-	-	-	-	-	-
3.69	2.58	2	-	-	-	-	-	-	-	-	-	-	-
22.52	6.21	8	-	-	-	-	-	-	-	-	-	-	-
8.17	3.82	3	-	-	-	-	-	-	-	-	-	-	-
0.88	0.50	2	-	-	-	-	-	-	-	-	-	-	-
0.00	0.00	0	-	-	-	-	-	-	-	-	-	-	-
2.63	2.10	2	-	-	-	-	-	-	-	-	-	-	-
7.81	3.05	6	-	-	-	-	-	-	-	-	-	-	-
0.00	0.00	0	-	-	-	-	-	-	-	-	-	-	-
7.11	2.61	5	-	-	-	-	-	-	-	-	-	-	-
1.05	0.86	2	-	-	-	-	-	-	-	-	-	-	-
TOTAL 61.11	-	-	-	-	-	-	-	-	-				

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NEBOSIDAD MEDIA
	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]	-	-	-	22.8	32.6	19.4	13.2	35.0	15.3	-	-	-	90	99	66	155.4	18.75	201	8
[illegible]	-	-	-	22.0	33.7	19.9	13.8	36.0	18.0	-	-	-	89	99	66	135.9	18.00	189	8
[illegible]	-	-	-	24.2	33.5	19.7	13.8	36.0	18.0	-	-	-	86	99	61	185.6	19.50	255	8
[illegible]	-	-	-	23.4	33.1	18.7	14.4	37.0	17.0	-	-	-	86	100	65	159.7	18.58	253	8
[illegible]	-	-	-	21.7	31.4	16.5	14.9	33.0	13.0	-	-	-	91	99	64	136.6	17.73	250	8
[illegible]	-	-	-	20.0	28.7	15.1	13.6	31.4	13.5	-	-	-	93	99	76	106.0	16.32	206	8
[illegible]	-	-	-	17.3	26.5	13.4	13.3	29.0	10.0	-	-	-	94	100	77	91.9	13.92	232	7
[illegible]	-	-	-	16.8	26.5	12.6	13.9	28.0	11.0	-	-	-	94	99	77	94.5	13.50	214	8
[illegible]	-	-	-	18.1	27.2	14.0	13.2	29.0	11.3	-	-	-	88	98	66	104.1	13.72	225	8
[illegible]	-	-	-	18.1	27.9	14.1	13.8	30.3	12.2	-	-	-	78	93	50	112.0	12.16	242	8
[illegible]	-	-	-	18.4	28.1	14.5	13.6	30.2	12.0	-	-	-	76	92	49	126.7	12.07	226	7
[illegible]	-	-	-	24.0	30.0	16.2	14.7	33.5	10.0	-	-	-	70	91	41	177.6	15.60	230	6
[illegible]	-	-	-	20.6	30.0	16.2	13.8	Varios 36.0	Varios 10.0	-	-	-	86	97	63	-	15.63	-	8

A L T I

Lat. 7° 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 M/S.)			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
0.41	0.41	1	1004.6	1006.9	1002.9	1009.3	1001.3	-	-	-	-	-	-
0.15	0.15	1	1005.2	1006.8	1003.0	1008.6	1000.6	-	-	-	-	-	-
0.25	0.25	1	1005.4	1006.8	1003.2	1010.0	1000.0	-	-	-	-	-	-
2.76	1.78	2	1005.3	1007.4	1002.8	1009.7	1000.0	-	-	-	-	-	-
2.57	2.57	1	1007.0	1007.8	1004.0	1009.7	1001.4	-	-	-	-	-	-
0.32	0.32	1	1006.8	1008.8	1005.0	1010.9	1002.6	-	-	-	-	-	-
0.00	0.00	0	1008.8	1009.6	1005.8	1012.0	1003.0	-	-	-	-	-	-
2.29	2.29	1	1008.5	1009.8	1005.7	1011.6	1002.6	-	-	-	-	-	-
0.39	0.39	0	1008.9	1010.8	1008.6	1012.1	1004.0	-	-	-	-	-	-
1.27	1.27	1	1007.8	1009.4	1005.2	1012.0	1005.3	-	-	-	-	-	-
13.59	13.28	2	1007.0	1008.9	1004.9	1012.0	1002.6	-	-	-	-	-	-
1.46	0.64	3	1004.9	1006.6	1002.8	1010.4	998.7	-	-	-	-	-	-
TOTAL 15.46	-	-	1006.7	1008.3	1004.5	SET. 1012.1	DIC. 998.7	-	-	-	-	-	-

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
	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]	10.9	19.2	15.3	13.9	21.7	9.2	12.5	25.8	4.2	86	35	62	71	96	25	156.0	8.46	155	7
[illegible]	11.0	18.7	14.8	13.8	20.9	9.8	11.1	24.7	6.4	96	47	76	80	100	34	117.7	9.47	132	7
[illegible]	10.2	18.9	15.0	13.6	21.2	9.4	11.8	24.0	7.4	98	47	79	83	100	35	139.5	9.69	142	8
[illegible]	10.3	18.2	15.1	13.8	20.5	9.7	10.8	22.9	7.0	99	56	82	85	99	42	126.6	10.06	116	7
[illegible]	9.3	18.8	15.2	13.4	20.9	8.8	12.1	23.0	5.4	99	50	80	83	100	39	130.3	9.57	139	6
[illegible]	8.8	19.4	15.8	13.5	21.5	8.3	13.2	24.2	6.0	98	39	64	76	99	29	143.3	10.04	174	5
[illegible]	11.9	17.9	16.5	15.2	19.3	11.1	7.9	22.9	8.3	62	39	50	54	70	37	129.5	7.00	-	[illegible]
[illegible]	12.4	19.1	16.8	15.4	19.1	11.9	7.2	21.5	8.3	48	31	38	40	54	24	127.2	5.25	-	[illegible]
[illegible]	13.4	17.8	16.7	16.0	19.3	12.7	6.6	21.8	9.6	82	58	67	72	88	48	97.8	9.82	-	7
[illegible]	14.0	18.9	17.3	16.7	20.7	13.6	7.1	23.2	10.0	80	53	67	68	82	42	106.0	9.70	-	7
[illegible]	12.5	18.5	17.1	16.5	21.1	12.0	9.1	23.0	5.0	76	49	58	61	81	36	112.0	8.59	-	6
[illegible]	12.5	18.0	16.5	16.0	20.6	12.1	8.5	23.0	5.8	92	78	85	87	95	58	98.5	11.87	-	7
[illegible]	11.4	18.5	16.0	14.8	20.5	10.7	9.8	ENE. 25.8	ENE. 4.2	85	48	67	72	89	37	-	9.13	-	6

A R C A

Lat. 7° 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 M/S.)			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	TORMENTA ELECTRICA	GRANIZO	NIEBLA
40.39	7.37	13	739.6	741.1	737.6	742.5	735.2	-	-	-	5	-	6
69.07	20.32	12	739.7	741.2	737.9	742.5	736.4	-	-	-	7	-	8
106.63	38.10	16	740.0	741.6	738.8	742.7	736.5	-	-	-	[illegible]	1	[illegible]
77.20	13.71	22	740.1	740.8	738.3	743.2	736.7	-	-	-	9	-	7
51.05	17.78	13	740.4	741.9	738.5	743.6	736.8	-	-	-	5	1	9
20.81	8.38	10	740.5	742.0	738.5	743.3	737.3	-	-	-	[illegible]	[illegible]	[illegible]
13.97	3.81	10	741.1	742.5	739.2	743.5	737.3	-	-	-	1	-	-
18.29	9.91	6	741.3	742.7	738.7	744.0	738.1	-	-	-	2	-	[illegible]
45.14	9.34	13	740.4	742.8	739.3	744.4	736.7	-	-	-	[illegible]	-	-
91.63	27.94	13	740.4	742.0	738.3	743.7	736.7	-	-	-	[illegible]	[illegible]	[illegible]
75.26	39.97	10	740.5	742.0	738.4	743.2	737.1	-	-	[illegible]	[illegible]	[illegible]	[illegible]
89.19	11.69	21	739.9	741.3	738.1	743.5	735.5	-	-	-	[illegible]	[illegible]	[illegible]
Total 698.63	-	-	740.3	741.8	738.5	SET. 744.4	ENE. 735.2	-			[illegible]	7	[illegible]

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 DECIMOS
	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]	22.0	30.5	26.0	-	32.2	19.7	12.5	35.0	16.7	77	45	61	-	-	-	120.0	-	-	6
[illegible]	22.3	31.0	27.2	-	32.9	20.1	12.8	36.1	18.6	77	41	57	-	-	-	119.7	-	-	6
[illegible]	22.4	31.6	26.7	-	33.6	20.4	13.2	36.4	18.6	77	42	60	-	-	-	150.0	-	-	5
[illegible]	21.5	30.3	25.5	-	32.1	19.4	12.7	33.9	17.7	80	45	62	-	-	-	124.8	-	-	4
[illegible]	19.4	27.8	22.3	-	29.3	17.4	11.9	31.9	15.3	83	53	66	-	-	-	121.6	-	-	4
[illegible]	18.3	25.1	20.9	-	27.2	16.0	11.2	29.4	13.9	85	60	73	-	-	-	113.1	-	-	4
[illegible]	16.3	23.8	19.8	-	25.5	14.1	11.4	27.5	10.5	88	63	74	-	-	-	89.4	-	-	4
[illegible]	16.0	23.9	19.3	-	25.5	13.8	11.7	28.9	12.5	87	62	73	-	-	-	88.1	-	-	4
[illegible]	17.0	25.7	19.4	-	26.9	15.1	11.8	29.3	13.3	85	58	72	-	-	-	96.8	-	-	5
[illegible]	17.3	25.5	19.3	-	28.6	15.9	12.7	31.4	13.7	84	55	72	-	-	-	105.5	-	-	5
[illegible]	18.3	26.4	20.9	-	29.6	17.0	12.6	32.2	16.1	80	54	70	-	-	-	111.6	-	-	4
[illegible]	19.9	29.6	22.5	-	31.5	16.7	14.8	34.6	15.0	79	46	66	-	-	-	101.0	-	-	4
[illegible]	19.2	27.6	22.6	-	29.6	17.1	12.4	MAR. 36.4	JUL. 10.5	82	52	67	-	-	-	-	-	-	4

I U P E

Lat. 7° 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 M/S.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA MENSUAL	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TIMPESTAD ELECTRICA	GRANIZO	NIEBLA
2.73	1.25	3	-	-	-	-	-	C - 0	S - 1	SSE - 2	-	-	-
1.43	1.12	3	-	-	-	-	-	C - 0	C - 0	SSE - 3	-	-	-
0.15	0.15	1	-	-	-	-	-	C - 0	C - 0	SSE - 3	-	-	-
4.20	2.40	5	-	-	-	-	-	C - 0	SE - 2	SSE - 2	-	-	-
2.72	0.70	6	-	-	-	-	-	SE - 2	SSE - 2	SSE - 3	-	-	-
0.00	0.00	0	-	-	-	-	-	C - 0	SSE - 2	SSE - 3	-	-	-
0.00	0.00	0	-	-	-	-	-	SSE - 1	S - 2	SSE - 2	-	-	-
1.43	1.31	0	-	-	-	-	-	C - 0	S - 1	SSE - 2	-	-	-
0.00	0.00	0	-	-	-	-	-	SSE - 2	S - 1	SSE - 2	-	-	-
1.90	1.80	2	-	-	-	-	-	C - 0	SSE - 2	SSE - 3	-	-	-
4.37	3.35	2	-	-	-	-	-	C - 1	S - 2	SSE - 3	-	-	-
1.03	0.65	2	-	-	-	-	-	C - 0	S - 1	SSE - 3	-	-	-
Total 19.96	-	-	-	-	-	-	-	C - 0	S - 1	SSE - 3	-	-	-

	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 DECIMOS
[illegible]	-	-	-	-	26.9	17.8	9.1	29.0	16.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	27.8	18.9	8.9	31.0	18.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	26.9	18.5	8.4	30.0	17.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	26.9	18.2	8.7	28.5	17.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	26.4	17.4	[illegible]	28.0	14.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	24.3	15.4	8.9	27.0	13.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	23.7	14.7	9.0	29.0	11.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	23.0	14.8	8.2	25.0	11.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	22.3	12.7	9.6	24.0	11.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	22.2	16.8	5.4	24.5	12.5	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	21.2	16.3	4.9	23.0	15.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	18.5	16.0	2.5	21.0	14.0	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	-	24.2	16.4	7.8	FEB. Varios 31.0	11.0	-	-	-	-	-	-	-	-	-	-

C H I C A M A

Lat. 9° 41' 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 M/S.)			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
2.50	2.50	2	-	-	-	-	-	SE - 1	-	SSE- 3	-	-	-
1.00	1.00	1	-	-	-	-	-	SE - 1	-	SSE- 4	-	-	-
0.00	0.00	0	-	-	-	-	-	SE - 1	-	S - 4	-	-	-
-	-	-	-	-	-	-	-	SE - 1	-	S - 3	-	-	-
Vest.	Vest.	1	-	-	-	-	-	SE - 1	-	S - 3	-	-	-
0.00	0.00	0	-	-	-	-	-	SSE - 1	-	S - 3	-	-	-
0.00	0.00	0	-	-	-	-	-	S - 1	-	S - 3	-	-	-
0.00	0.00	0	-	-	-	-	-	S - 1	-	S - 3	-	-	-
0.00	0.00	0	-	-	-	-	-	S - 1	-	S - 4	-	-	-
-	-	-	-	-	-	-	-	SE - 1	-	S - 3	-	-	-
-	-	-	-	-	-	-	-	S - 1	-	S - 3	-	-	-
-	-	-	-	-	-	-	-	S - 1	-	S - 3	-	-	-
Total 3.50	-	-	-	-	-	-	-	SE - 1	-	S - 3	-	-	0

	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 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]	-	-	-	-	29.7	18.4	11.3	31.8	14.9	-	-	-	-	-	-	99.0	-	196	6
[illegible]	-	-	-	-	30.6	18.5	12.1	33.8	16.6	-	-	-	-	-	-	99.0	-	177	7
[illegible]	-	-	-	-	30.1	18.2	11.9	32.0	16.6	-	-	-	-	-	-	104.4	-	224	6
[illegible]	-	-	-	-	28.6	17.2	11.4	30.3	15.9	-	-	-	-	-	-	80.3	-	248	5
[illegible]	-	-	-	-	26.3	14.9	11.4	29.3	11.5	-	-	-	-	-	-	-	-	236	5
[illegible]	-	-	-	-	24.9	14.0	10.9	26.2	10.7	-	-	-	-	-	-	53.9	-	186	6
[illegible]	-	-	-	-	23.3	12.7	10.6	25.0	9.1	-	-	-	-	-	-	50.8	-	159	5
[illegible]	-	-	-	-	22.7	13.8	9.9	27.2	9.0	-	-	-	-	-	-	47.7	-	162	5
[illegible]	-	-	-	-	24.1	13.5	10.6	26.0	10.8	-	-	-	-	-	-	60.7	-	175	6
[illegible]	-	-	-	-	24.4	13.7	10.7	27.6	11.6	-	-	-	-	-	-	60.3	-	178	6
[illegible]	-	-	-	-	25.2	13.6	11.6	28.2	10.5	-	-	-	-	-	-	73.4	-	215	5
[illegible]	-	-	-	-	27.0	15.4	11.6	29.3	9.8	-	-	-	-	-	-	95.3	-	234	6
[illegible]	-	-	-	-	26.4	15.2	11.2	FEB. 33.8	AGO. 9.0	-	-	-	-	-	-	-	-	-	6

G R A N D E

Lat. 7° 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 M/S.)			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	16 - 00	TEMPESTAD ELECTRICA	GRANIZO
0.00	0.00	0	-	999.0	998.5	1000.8	994.8	-	-	-	-	-
0.00	0.00	0	-	999.4	998.8	1002.1	996.6	-	-	-	-	-
0.50	0.50	1	-	999.7	999.0	1001.4	997.4	-	-	-	-	-
2.70	1.10	3	-	999.8	999.4	1001.3	997.6	-	-	-	-	-
0.60	0.60	1	-	1000.5	999.8	1001.3	998.5	-	-	-	-	-
0.20	0.20	3	-	1000.8	100[illegible].0	1002.5	999.3	-	-	-	-	-
Vest.	Vest.	8	-	1001.4	1000.6	1002.5	998.5	-	-	-	-	-
0.40	0.40	5	-	1001.8	1001.3	1002.4	999.8	-	-	-	-	-
Vest.	Vest.	11	-	1002.4	1001.6	1003.6	999.7	-	-	-	-	-
0.70	0.70	15	-	1001.8	1001.2	1003.3	1000.0	-	-	-	-	-
3.60	2.30	4	-	1001.2	1000.5	1003.6	999.2	-	-	-	-	-
0.30	0.30	4	-	1000.2	999.2	1003.2	996.6	-	-	-	-	-
Total 9.00	-	-	-	1000.7	999.8	Varios 1003.6	Min 994.0	-	-	-	-	-

[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 DECIMOS
	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]	22.7	27.6	23.0	24.4	28.1	20.3	7.8	31.5	16.5	93	69	85	85	95	64	135.5	19.50	208	8
[illegible]	23.0	27.8	24.3	24.0	28.9	20.4	8.5	33.5	17.4	93	67	79	83	96	58	136.0	18.59	182	8
[illegible]	21.4	28.2	24.7	23.9	28.6	19.8	8.8	32.0	18.0	93	64	79	82	96	59	162.5	18.25	243	7
[illegible]	21.6	27.4	23.3	23.4	28.0	19.8	8.2	33.5	17.0	92	65	84	80	92	63	195.5	17.28	203	5
[illegible]	21.8	27.2	24.1	23.6	27.8	20.2	7.6	30.0	18.0	92	66	82	81	92	62	184.5	17.71	202	6
[illegible]	17.1	21.9	18.4	18.6	22.7	16.0	6.7	26.3	12.2	94	72	80	85	94	73	121.5	13.67	159	6
[illegible]	16.0	21.7	18.0	17.7	22.2	14.0	8.2	25.2	11.7	94	70	81	83	94	68	125.5	12.62	202	5
[illegible]	[illegible]	21.6	18.1	18.1	22.1	15.2	6.9	23.7	12.1	93	68	81	83	93	67	133.5	12.94	194	[illegible]
[illegible]	[illegible]	[illegible]	18.0	18.0	[illegible]	[illegible]	6.6	24.0	13.0	92	72	80	84	92	69	119.0	13.01	174	6
[illegible]	[illegible]	22.9	[illegible]	19.4	23.5	16.9	6.9	25.9	14.6	90	66	79	80	90	64	171.0	13.53	219	6
[illegible]	[illegible]	[illegible]	[illegible]	17.9	22.1	15.0	7.1	24.5	10.6	89	66	84	83	93	66	145.0	12.77	220	6
[illegible]	[illegible]	[illegible]	-	20.3	24.9	17.2	7.7	28.0	13.0	87	60	82	81	95	57	184.5	14.48	214	6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	25.1	17.5	7.6	Varios 33.5	NOV. 10.6	92	67	81	82	93	64	-	15.36	-	6

A V I O

Lat. 7° 55′ S.
Long. 79° 10′ W. de G.
Alt. 50 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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	16 - 00	TEMPERTAD ELECTRICA	GRANIZO
1.46	0.51	6	1007.7	1009.0	1005.8	1011.7	1004.0	-	-	-	-	-
0.87	0.42	4	1008.1	1009.4	1006.2	1010.6	1004.0	-	-	-	-	-
0.30	0.10	4	1008.0	1009.8	1006.4	1012.0	1004.0	-	-	-	-	-
0.03	0.02	2	1007.8	1009.3	1005.8	1012.0	1002.6	-	-	-	-	-
0.36	0.08	9	1006.9	1008.2	1005.0	1010.6	1003.3	-	-	-	-	-
0.00	0.00	0	1009.7	1010.9	1007.3	1012.1	1006.0	-	-	-	-	-
0.04	0.02	3	1010.5	1012.1	1008.8	1013.3	1007.6	-		-		
0.00	0.00	0	1010.0	1011.2	1008.2	1012.6	1006.6	-	-	-	-	-
0.00	0.00	0	1009.6	1010.9	1007.8	1012.4	1006.0	-	-	-	-	-
0.00	0.00	0	1010.1	1011.6	1008.2	1013.3	1006.0	-	-	-	-	-
0.20	0.20	1	1010.2	1011.7	1008.5	1014.0	1006.6	-	-	-	-	-
0.01	0.25	8	1009.0	1010.4	1007.2	1013.3	1004.0	-	-	-	-	-
Total 4.07	-	-	1009.0	1010.4	1007.1	NOV. 1014.0	ABR. 1002.6	-		-		

[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 [illegible]
	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]	23.[illegible]	25.9	26.2	-	31.2	21.6	9.6	34.8	19.5	-	-	-	-	99	53	51.7	-	127	-
[illegible]	23.[illegible]	29.2	25.7	-	31.5	21.7	9.8	34.0	20.2	-	-	-	-	100	55	40.5	-	80	-
[illegible]	23.6	28.8	26.2	-	30.9	22.1	8.8	35.0	20.1	-	-	-	-	98	56	64.1	-	156	-
[illegible]	22.7	28.0	24.8	-	30.0	21.3	8.7	33.2	20.0	-	-	-	-	99	52	43.9	-	139	-
	22.6	28.[illegible]	24.4	-	30.1	21.5	8.6	33.5	15.6	-	-	-	-	94	49	63.9	-	182	-
[illegible]	23.3	28.5	25.5	-	30.4	21.7	8.7	33.2	20.0	-	-	-	-	96	54	52.5	-	166	-
[illegible]	21.6	28.[illegible]	24.2	-	30.2	20.1	10.1	34.0	14.6	-	-	-	-	95	47	64.2	-	188	-
[illegible]	22.7	25.0	25.3	-	31.9	20.9	11.0	35.0	19.0	-	-	-	-	94	43	73.1	-	173	-
[illegible]	24.[illegible]	[illegible]	25.2	-	33.5	21.4	11.9	37.2	16.5	-	-	-	-	96	38	75.5	-	179	-
[illegible]	24.[illegible]	28.[illegible]	24.9	-	31.4	21.8	9.6	38.7	19.0	-	-	-	-	97	49	59.8	-	156	-
[illegible]	[illegible]	[illegible]	24.2	-	30.6	21.6	9.0	34.9	20.0	-	-	-	-	97	50	42.4	-	119	-
[illegible]	24.0	26.3	25.8	-	31.5	21.5	10.0	35.2	17.0	-	-	-	-	94	41	69.1	-	206	-
[illegible]	23.2	27.9	25.2	-	31.0	21.4	9.6	OCT. 38.7	JUL. 14.6	-	-	-	-	96	49	-	-	-	-

C A L I E N T E

Lat. 8° 49' S.
Long. 74° 41' W. de G.
Alt. 307 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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
167.00	41.00	10	-	-	-	-	-	NW - 2	NW - 2	C - 0	-	-	-
112.00	30.00	10	-	-	-	-	-	C - 0	E - 1	C - 0	-	-	-
101.00	31.00	9	-	-	-	-	-	NW - 2	NW - 3	NW - 3	-	-	-
158.00	40.00	12	-	-	-	-	-	WSW- 2	NW - 2	E - 3	-	-	-
162.00	66.00	10	-	-	-	-	-	NW - 2	E - 3	N - 1	-	-	-
119.00	49.00	10	-	-	-	-	-	SSE- 2	E - 3	[illegible] - 2		-	-
81.00	41.00	4	-	-	-	-	-	WSW- 4	WSW- 3	SSE- 2	-	-	-
75.00	35.00	5	-	-	-	-	-	WSW- 4	NW - 2	NW - 2	-	-	-
148.00	42.00	6	-	-	-	-	-	SSE- 3	NW - 3	E - 3	-	-	-
242.00	56.00	13	-	-	-	-	-	SSE- 3	NW - 3	E - 3	-	-	-
209.00	43.00	13	-	-	-	-	-	E - 3	NW - 3	WSW- 2	-	-	-
224.00	45.00	8	-	-	-	-	-	NW - 4	NW - 4	NW - 3	-	-	-
Total 1798.00	-	-	-	-	-	-	-	NW - 2	NW - 3	E - 2	-	-	17

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 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]	19.0	28.5	24.3	22.6	30.5	18.6	11.9	33.5	17.4	99	51	78	83	100	42	43.2	17.06	118	8
[illegible]	19.0	26.9	25.8	22.2	29.4	18.8	10.6	32.3	16.2	100	59	71	85	100	47	36.6	17.08	110	8
[illegible]	19.6	28.8	24.9	23.4	31.5	19.1	12.4	34.6	17.3	99	55	75	83	100	40	47.5	17.93	154	7
[illegible]	19.0	27.3	24.0	22.2	30.4	18.2	12.2	33.0	17.0	100	54	77	83	100	42	42.0	16.67	127	7
[illegible]	18.4	27.9	23.5	21.8	29.4	17.6	11.8	31.5	15.3	99	54	78	81	100	43	46.3	15.88	161	7
[illegible]	[illegible]	[illegible]	23.1	[illegible]	29.6	17.3	12.3	31.5	15.0	100	54	77	82	100	41	41.9	15.59	158	6
[illegible]	[illegible]	26.[illegible]	24.1	20.9	29.0	16.4	12.6	31.6	13.1	99	56	75	86	100	44	43.5	15.95	180	6
[illegible]	17.3	28.1	23.2	21.5	30.6	16.3	14.3	33.5	14.1	100	54	76	80	100	41	47.2	15.40	189	6
[illegible]	[illegible]	[illegible]	[illegible]	21.7	30.7	[illegible]	[illegible]	33.4	15.2	99	54	80	82	100	42	46.0	15.97	170	7
[illegible]	[illegible]	28.2	24.1	22.3	30.9	17.5	13.4	34.5	14.2	99	60	81	85	100	48	45.6	17.18	166	8
[illegible]	[illegible]	[illegible]	23.4	22.1	29.9	18.0	11.9	32.5	16.0	99	60	82	84	99	50	42.6	16.77	137	8
[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	[illegible]	27.7	24.0	22.0	30.2	17.7	12.5	MAR. 34.6	JUL. 13.1	99	56	77	83	100	44	-	16.50	-	7

M A R I A

Lat. 9° 09′ S.
Long. 75° 53′ W. de G.
Alt. 670 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION DEL VIENTO (EN M/M)		
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	19 - 00
238.62	38.20	23	938.5	941.0	935.3	943.6	932.6	C - 0	C - 0	C - [illegible]
446.04	84.10	17	939.3	942.0	936.9	944.0	933.3	C - 0	NW - 1	NW - [illegible]
283.37	43.10	15	939.4	942.2	936.6	946.6	933.7	C - 0	C - 0	C - [illegible]
233.37	42.07	17	940.8	942.8	938.4	946.9	935.9	C - 0	SSE - 1	[illegible]
125.96	33.85	13	941.4	944.5	939.0	949.9	936.6	C - 0	C - 0	C - [illegible]
29[illegible]	33.05	19	940.0	943.7	938.0	946.9	934.9	C - 0	C - 0	[illegible]
239.73	43.95	16	940.8	944.0	938.5	948.0	935.0	C - 0	C - 0	C - 0
153.04	58.80	10	940.6	944.0	938.5	946.6	936.5	C - 0	SSE - 1	C - 0
181.20	52.50	15	941.4	944.8	938.5	948.8	935.8	ESE - 1	NW - 1	C - 0
317.30	60.50	23	940.1	943.0	936.6	944.8	933.3	C - 0	C - 0	C - [illegible]
328.40	70.40	16	939.1	942.2	935.8	944.9	[illegible]	C - 0	C - 0	C - [illegible]
-	-	-	-	-	-	-	-	-	-	-
Total 2819.03	-	-	940.2	943.1	937.6	949.9	932.2	C - 0	C - 0	C - [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	PRECIPITACION MEDIA EN DECIMOS
	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]	-	-	-	20.4	23.5	17.9	5.6	25.0	16.0	-	-	-	-	95	76	-	-	197	-
[illegible]	-	-	-	21.4	24.6	18.4	6.2	27.0	16.5	-	-	-	-	94	71	-	-	252	-
[illegible]	-	-	-	21.3	24.0	17.6	6.4	26.0	16.0	-	-	-	-	94	75	-	-	277	-
[illegible]	-	-	-	19.0	22.3	16.7	5.4	24.0	14.0	-	-	-	-	94	76	-	-	191	-
[illegible]	-	-	-	17.0	20.1	15.0	5.1	24.0	12.0	-	-	-	-	93	78	-	-	136	-
[illegible]	-	-	-	15.7	19.3	13.1	6.2	21.0	10.0	-	-	-	-	91	73	-	-	87	-
[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	[illegible]	17.6	12.5	5.1	20.0	10.0	-	-	-	-	93	79	-	-	46	-
[illegible]	-	-	-	15.5	18.8	13.3	5.5	21.0	10.0	-	-	-	-	93	77	-	-	85	-
[illegible]	-	-	-	16.4	19.1	14.5	4.6	20.0	13.0	-	-	-	-	91	80	-	-	88	-
[illegible]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
[illegible]	-	-	-	19.4	22.4	16.8	5.6	23.5	14.0	-	-	-	-	90	72	-	-	207	-
	-	-	-	16.0	21.2	15.6	5.6	FEB. 27.0	Varios 10.0	-	-	-	-	93	76	-	-	-	-

M O N G A

Lat. 10° 40′ S.
Long. 77° 49′ W. de G.
Alt. 15 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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	[illegible]
-	-	-	-	1014.4	1012.6	1017.4	1008.1	-	-	-	-	-	-
-	-	-	-	1013.4	1011.8	1015.8	1010.8	-	-	-	-	-	-
-	-	-	-	1013.6	1012.0	1015.6	1009.4	-	-	-	-	-	-
-	-	-	-	1014.0	1012.4	1015.7	1010.0	-	-	-	-	-	-
-	-	-	-	1015.8	1014.2	1017.4	1012.8	-	-	-	-	-	-
-	-	-	-	1016.5	1015.0	1017.6	1013.4	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	1016.5	1015.3	1017.6	1013.0	-	-	-	-	-	-
-	-	-	-	1017.0	1015.6	1018.4	1014.2	-	-	-	-	-	-
-	-	-	-	1016.0	1014.9	1016.8	1012.5	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	1013.8	1011.7	1016.2	1009.7	-	-	-	-	-	-
TOTAL -	-	-	-	1015.1	1013.6	SET. 1018.4	ENE. 1008.1	-	-	-	-	-	-

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 DIURNA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA DIURNA	MAXIMA MEDIA	MINIMA MEDIA				
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-				
[illegible]	[illegible]	26.[illegible]	-	30.6	16.4	14.2	33.6	11.3	91	63	73	78	91	61				
[illegible]	22.[illegible]	27.[illegible]	-	30.3	9.8	20.5	33.1	6.5	92	68	76	81	94	51				
29.5	27.9	25.5	-	30.3	8.8	21.5	32.0	6.0	93	62	76	83	98	48				
[illegible]	28.5	22.9	-	30.6	15.3	15.3	32.5	10.4	92	57	76	82	96	50				
[illegible]	28.2	23.[illegible]	-	28.7	12.1	16.6	31.0	8.4	90	58	71	79	94	49				
[illegible]	[illegible]	[illegible]	-	[illegible]	[illegible]	[illegible]	[illegible]	8.2	92	61	79	86	97	56				
[illegible]	26.[illegible]	23.0	-	29.4	14.2	15.2	31.5	10.0	92	60	82	78	96	38				
[illegible]	[illegible]	22.8	-	29.5	14.4	15.1	32.7	10.0	95	64	84	84	97	58				
29.5	27.[illegible]	22.9	-	29.4	11.5	17.9	32.8	9.0	95	59	79	81	97	44				
[illegible]	28.0	22.5	-	29.7	15.0	[illegible]	31.6	10.0	95	58	83	83	96	34				
[illegible]	[illegible]	[illegible]	-	28.9	13.[illegible]	[illegible]	30.7	10.0	95	69	81	84	96	51				
[illegible]	26.8	23.9	-	29.7	13.1	16.6	FEB. 33.6	ABR. 6.0	92	62	78	82	96	51	-	-	-	-

R A M O X

Lat. 11° 06′ S.
Long. 75° 18′ W. de G.
Alt. 800 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			FENOMENOS DIVERSOS		
TOTAL MENSUAL	MAXIMA EN 24 HORAS	NUMERO DE DIAS CON:	MEDIA BIHORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	VISIBILIDAD ATMOSFERICA	RELAMPAGO	[illegible]
-	-	-	-	-	-	-	-	-	-	-	-	-	-
663.00	90.00	23	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
158.00	37.00	16	-	-	-	-	-	C - 0	NE - 4	C - 0	-	-	-
107.30	30.00	16	-	-	-	-	-	C - 0	NE - 1	C - 0	-	-	-
58.00	14.00	13	-	-	-	-	-	C - 0	C - 0	C - 0	-		
31.30	16.00	6	-	-	-	-	-	C - 0	NE - 3	C - 0	-	-	
151.00	37.00	12	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	
24.00	40.00	8	-	-	-	-	-	C - 0	C - 0	C - 0	-		
205.00	42.00	15	-	-	-	-	-	C - 0	NNW - 2	C - 0	-	-	
258.00	60.00	12	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
225.00	79.00	19	-	-	-	-	-	C - 0	NNW - 2	C - 0	-	-	
238.00	30.00	16	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
Total 2178.60	-	-	-	-	-	-	-	C - 0	C - 0	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	NEBOSIDAD MEDIA EN DECIMOS
	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]	[illegible]	21.6	18.3	-	23.3	17.9	5.4	27.5	16.0	82	68	88	-	94	56	98.6	-	211	7
[illegible]	19.6	22.7	19.6	-	24.6	18.6	6.0	27.4	17.3	78	59	74	-	89	48	102.4	-	249	5
[illegible]	[illegible]	[illegible]	19.4	-	24.0	18.7	5.3	27.0	16.0	74	64	79	-	93	52	110.6	-	277	5
[illegible]	16.6	20.1	17.1	-	21.6	16.2	5.4	24.2	15.0	93	74	94	-	97	64	57.4	-	216	[illegible]
[illegible]	[illegible]	17.0	[illegible]	-	18.7	13.8	4.9	23.5	12.0	94	76	94	-	98	68	42.7	-	185	7
[illegible]	12.3	[illegible]	12.8	-	15.9	12.3	3.6	19.0	11.5	94	83	95	-	96	76	10.6	-	59	8
[illegible]	[illegible]	[illegible]	11.7	-	14.0	11.4	2.6	17.8	10.8	-	-	-	-	-	-	5.0	-	31	10
[illegible]	[illegible]	[illegible]	[illegible]	-	13.4	11.0	2.4	16.0	10.0	92	91	93	-	93	87	0.8	-	6	10
[illegible]	[illegible]	[illegible]	[illegible]	-	14.6	11.4	3.2	16.8	10.8	92	89	93	-	94	85	5.6	-	44	9
[illegible]	11.9	[illegible]	12.2	-	16.0	11.8	4.2	18.5	10.5	92	83	94	-	94	77	18.5	-	68	9
[illegible]	[illegible]	[illegible]	13.3	-	17.5	12.6	4.9	19.8	11.5	94	75	94	-	97	65	44.3	-	133	7
[illegible]	[illegible]	[illegible]	14.8	-	19.3	14.4	4.9	22.8	12.5	88	75	95	-	99	66	56.8	-	182	7
MEDIA ANUAL	[illegible]	[illegible]	[illegible]	-	18.6	14.2	4.4	ENE. 27.5	AGO. 10.0	88	96	90	-	94	68	-	-	-	8

D E L A C H A Y

Lat. [illegible]° 19' S.
Long. [illegible]° [illegible]' W. de G.
Alt. [illegible] mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					Dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			[illegible] 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	[illegible]
13.30	7.80	2	-	-	-	-	-	-	-	-	-	-	[illegible]
0.00	0.00	0	-	-	-	-	-	-	-	-	-	-	2
0.00	0.00	0	-	-	-	-	-	-	-	-	-	-	[illegible]
0.92	0.92	1	-	-	-	-	-	-	-	-	-	-	[illegible]
1.24	1.00	2	-	-	-	-	-	-	-	-	-	-	[illegible]
17.68	5.30	14	-	-	-	-	-	-	-	-	-	-	26
33.32	3.60	26	-	-	-	-	-	-	-	-	-	-	[illegible]
45.66	4.90	24	-	-	-	-	-	-	-	-	-	-	[illegible]
37.54	6.60	20	-	-	-	-	-	-	-	-	-	-	[illegible]
24.32	4.30	14	-	-	-	-	-	-	-	-	-	-	[illegible]
0.54	0.54	1	-	-	-	-	-	-	-	-	-	-	18
0.00	0.00	0	-	-	-	-	-	-	-	-	-	-	17
Total 174.52	-	-	-	-	-	-	-	-	-	-	-	-	28[illegible]

MESES	TEMPERATURA EN GRADOS CENTIGRADOS									HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NEBOSIDAD MEDIA EN DECIMOS
	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]	8.8	16.9	13.4	12.3	21.1	7.2	13.9	29.0	4.0	80	43	55	65	91	31	56.6	6.97	127	8
[illegible]	8.6	16.7	14.5	12.4	20.0	7.1	12.9	24.0	6.0	81	44	52	68	92	32	55.7	7.34	108	8
[illegible]	8.2	16.3	13.1	11.7	19.5	6.4	13.1	22.0	4.0	82	45	57	68	91	36	56.1	7.01	105	8
[illegible]	7.8	16.2	13.0	11.6	19.3	5.7	13.5	21.0	3.0	83	43	55	67	93	33	58.6	6.87	132	7
[illegible]	6.4	16.6	13.3	11.2	20.4	4.0	16.3	23.0	2.0	76	40	48	60	84	29	91.5	5.99	185	5
[illegible]	5.4	16.4	11.6	10.2	20.3	3.2	17.1	22.0	1.0	67	37	40	54	77	26	100.2	5.00	230	2
[illegible]	4.8	15.7	14.3	10.8	19.9	2.8	17.1	22.0	0.0	67	39	41	55	76	27	104.3	5.35	232	3
[illegible]	5.2	15.9	13.8	10.8	19.9	3.0	16.9	24.0	0.0	68	43	46	59	76	36	104.3	5.73	197	4
[illegible]	7.5	16.3	14.0	11.9	19.5	5.3	14.2	24.0	3.0	75	46	51	64	84	36	95.7	6.69	166	6
[illegible]	7.1	17.6	14.9	11.7	21.6	5.5	16.1	25.0	3.0	72	42	48	62	86	31	105.1	6.39	197	6
[illegible]	8.0	17.9	14.7	11.7	22.4	5.1	17.3	27.0	1.0	68	37	49	58	84	26	98.1	5.98	185	5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	21.0	5.7	15.3	25.0	4.0	77	48	57	68	91	37	84.4	6.70	167	7
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	20.4	5.1	15.3	DNE. 25.0	Varios 0.0	75	42	50	62	85	32	-	6.34	-	6

A

Lat. 11° 45′ S.
Long. 75° 30′ 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 M/S.)			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
94.90	15.50	21	681.1	682.9	678.7	685.3	676.0	C - 0	NE - 2	N - 2	-	-	-
55.50	9.50	17	681.9	683.6	679.5	685.3	677.3	C - 0	NE - 2	N - 4	-	-	-
64.10	11.50	15	682.7	684.4	681.2	687.2	678.7	C - 0	NE - 2	NE - 2	-	-	-
37.40	8.50	13	683.6	685.5	681.1	686.7	678.7	C - 0	NE - 2	NE - 2	-	-	-
14.70	9.00	5	683.9	685.7	681.3	688.0	679.3	C - 0	NE - 2	N - 4	-	-	-
11.00	6.50	2	683.6	685.7	680.8	686.7	678.7	C - 0	C - 0	N - 3	-	1	-
5.00	3.00	2	683.5	685.5	680.7	688.0	678.7	N - 2	NE - 2	N - 4	-	-	
Vest.	Vest.	1	683.7	685.7	681.1	686.0	678.7	NW - 2	NE - 2	N - 6	-	-	-
34.10	9.40	8	683.5	685.5	680.7	686.7	678.0	NW - 2	N - 3	N - 6	-	1	-
22.20	6.50	11	682.3	684.5	679.1	686.7	677.3	NW - 2	NE - 2	N - 5			
35.20	9.50	12	681.1	683.2	677.7	685.3	674.7	NW - 2	NE - 2	N - 8			-
200.30	17.00	23	679.9	681.6	677.2	684.0	673.3	NW - 2	NE - 2	N - 6	1	2	-
Total 274.40	-	-	682.6	684.5	679.9	Varios 688.0	DIC. 673.3	C - 0	NE - 2	N - 4	1	4	-

[illegible]	TEMPERATURA EN GRADOS CENTIGRADOS									HUMEDAD RELATIVA %										
[illegible]	07 - 00	13 - 00	18 - 00	MEDIA DIARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA DIARIA	MAXIMA MEDIA	MINIMA MEDIA	EVAPORACION EN MILIMETROS	TENSION DE VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD EN DECIMOS
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18.3	5.7	12.6	20.9	1.6	[illegible]	[illegible]	[illegible]	74	[illegible]	[illegible]	[illegible]	[illegible]	162	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18.6	5.9	12.9	21.0	2.7	[illegible]	[illegible]	[illegible]	76	[illegible]	[illegible]	[illegible]	[illegible]	119	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18.8	5.0	13.8	21.0	0.6	[illegible]	[illegible]	[illegible]	77	[illegible]	[illegible]	[illegible]	[illegible]	143	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18.7	[illegible]	14.2	20.9	0.4	[illegible]	[illegible]	[illegible]	73	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.4	2.1	17.3	21.7	-1.9	[illegible]	[illegible]	[illegible]	68	[illegible]	[illegible]	[illegible]	[illegible]	210	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.9	0.8	[illegible]	21.8	-3.4	[illegible]	[illegible]	[illegible]	55	[illegible]	[illegible]	[illegible]	[illegible]	261	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.7	0.9	18.8	21.6	-5.2	[illegible]	[illegible]	[illegible]	59	[illegible]	[illegible]	[illegible]	[illegible]	267	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	10.3	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.7	[illegible]	[illegible]	[illegible]	0.5	[illegible]	[illegible]	[illegible]	53	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	-0.6	[illegible]	[illegible]	[illegible]	56	[illegible]	[illegible]	[illegible]	[illegible]	221	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.6	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	63	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	19.6	3.8	[illegible]	MAX. [illegible]	MIN. [illegible]	[illegible]	[illegible]	[illegible]	66	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

D E H U A N C A Y O

Lat. 12° 02′ S.
Long. 75° 20′ W. de G.
Alt. 3353 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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
91.69	21.59	26	686.8	688.5	684.5	690.3	682.8	C - 0	SE - 2	SE - 8	-	-	-
60.96	12.70	22	687.2	688.9	684.8	690.5	683.3	C - 0	SE - 3	W -12	-	-	-
69.85	14.22	23	688.1	689.9	686.1	692.5	684.4	C - 0	ESE- 5	C - 0	-	-	-
53.09	13.46	17	688.8	690.7	686.1	692.3	684.4	C - 0	S - 6	S - 7	-	-	-
16.51	4.32	13	689.1	691.6	686.5	693.5	684.0	C - 0	S - 3	C - 0	-	-	-
10.41	6.10	5	688.7	690.9	685.9	692.0	684.1	C - 0	SSE- 1	C - 0	-	-	-
11.94	4.83	6	688.7	690.9	685.7	693.6	683.8	C - 0	NE - 5	NE -12	6	-	-
20.83	5.84	4	689.1	694.7	686.1	693.7	683.3	C - 0	NNE- 7	NE -13	3	-	-
22.10	7.37	12	688.5	690.5	685.9	692.7	682.0	C - 0	SSE-11	SSW-10	4	-	-
52.83	10.92	11	686.7	689.9	684.5	691.9	682.8	C - 0	SE - 8	NNW-14	5	-	-
57.40	12.45	15	687.1	689.3	683.7	690.9	680.4	C - 0	SE - 5	S -10	5	-	-
67.82	11.68	17	685.4	688.4	683.7	694.3	681.1	C - 0	SE - 5	NW -12	4	-	-
Total 535.43	-	-	687.8	690.4	685.3	DIC. 694.3	NOV. 680.4	C - 0	SE - 5	NW -12	28	-	-

	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	HUMEDAD MEDIA EN DECIMOS
[illegible]	20.[illegible]	21.[illegible]	21.[illegible]	21.8	24.3	19.5	4.8	29.0	18.0	-	-	-	-	-	-	12.7	-	146	7
[illegible]	20.6	22.1	21.7	21.1	26.1	19.7	6.4	34.8	18.4	-	-	-	-	-	-	8.2	-	172	6
[illegible]	19.6	21.7	20.7	21.3	24.9	18.6	6.3	31.0	16.5	-	-	-	-	-	-	7.4	-	206	5
[illegible]	18.7	20.8	19.4	20.2	24.5	17.7	6.8	27.5	16.5	-	-	-	-	-	-	3.1	-	161	5
[illegible]	16.7	18.6	17.9	18.7	22.0	16.6	6.4	25.8	15.0	-	-	-	-	-	-	4.9	-	155	6
[illegible]	[illegible]	17.8	16.8	16.5	20.5	15.4	5.1	[illegible]	14.0	-	-	-	-	-	-	3.9	-	72	6
[illegible]	15.1	17.0	16.5	16.3	18.4	15.0	3.4	21.8	14.0	-	-	-	-	-	-	-	-	55	9
[illegible]	14.9	16.8	15.5	15.6	18.3	13.9	4.4	22.0	13.0	-	-	-	-	-	-	-	-	20	9
[illegible]	15.1	16.7	15.6	15.0	18.9	14.4	4.5	23.0	13.2	-	-	-	-	-	-	-	-	58	9
[illegible]	15.4	[illegible]	15.9	16.3	20.3	14.7	5.6	23.6	13.6	-	-	-	-	-	-	40.4	-	123	8
[illegible]	[illegible]	16.2	17.6	18.1	21.9	16.3	5.6	25.8	14.6	-	-	-	-	-	-	32.8	-	162	7
[illegible]	18.4	19.2	18.9	20.0	[illegible]	17.8	6.4	26.7	15.0	-	-	-	-	-	-	40.1	-	170	7
[illegible]	17.3	19.0	18.1	18.5	22.0	16.6	5.4	FEB. 34.8	AGO. 13.0	-	-	-	-	-	-	-	-	-	7

(E S C U E L A N A V A L)

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

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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	16 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
1.00	0.40	5	-	-	-	-	-	SE - 3	S - 3	SSE- 3	-	-	-
0.10	0.10	1	-	-	-	-	-	SSE- 2	S - 3	SSE- 3	-	-	-
0.00	0.00	0	-	-	-	-	-	SSE- 2	SSE- 3	SSE- 3	-	-	-
0.00	0.00	0	-	-	-	-	-	SSE- 2	SSW- 3	SSE- 3	-	-	-
0.00	0.00	0	-	-	-	-	-	S - 1	SSW- 2	S - 3	-	-	-
0.80	0.20	5	-	-	-	-	-	S - 1	SSE- 2	S - 2	-	-	-
2.10	0.40	9	-	-	-	-	-	SSE- 2	SSE- 3	SSE- 2	-	-	-
2.00	0.30	11	-	-	-	-	-	SSE- 3	S - 3	SSE- 4	-	-	-
1.30	0.40	6	-	-	-	-	-	SSE- 3	S - 3	S - 4	-	-	-
0.80	0.30	5	-	-	-	-	-	C - 0	S - 3	S - 4	-	-	-
0.00	0.00	0	-	-	-	-	-	S - 3	S - 3	S - 4	-	-	-
0.00	0.00	0	-	-	-	-	-	S - 3	S - 3	S - 4	-	-	-
Total 8.10	-	-	-	-	-	-	-	SSE- 2	S - 3	S - 3	-	-	-

MESES	TEMPERATURA EN GRADOS CENTIGRADOS									HUMEDAD RELATIVA						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	INTENSIDAD MEDIA DEL VIENTO
	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				
ENE.	20.6	23.5	22.4	21.7	24.8	19.9	4.9	26.8	18.2	88	75	82	87	93	72	44.8	16.95	185	[illegible]
FEB.	20.7	24.6	23.2	21.9	25.7	19.3	6.4	28.5	17.5	90	67	72	80	92	64	65.6	15.78	212	[illegible]
MAR.	20.0	23.6	22.1	20.7	24.9	18.3	6.6	28.1	16.8	90	74	81	85	94	63	68.3	15.57	246	[illegible]
ABR.	18.5	22.6	20.2	19.5	23.8	17.4	6.4	25.2	16.0	95	78	87	90	96	74	58.4	15.31	191	[illegible]
MAY.	16.6	20.1	17.9	17.2	21.1	15.4	5.7	24.4	13.8	93	77	85	88	95	72	51.5	12.96	174	[illegible]
JUN.	15.2	17.8	16.2	16.0	19.0	14.4	4.6	21.0	12.9	93	80	87	90	96	76	42.1	12.28	76	[illegible]
JUL.	14.2	16.3	15.1	15.0	17.3	13.8	3.5	20.2	12.5	93	85	87	92	96	81	36.1	11.77	36	[illegible]
AGO.	13.8	15.7	14.6	14.4	16.4	13.2	3.2	18.1	12.7	94	84	90	91	95	81	32.5	11.20	16	[illegible]
SET.	14.1	16.4	15.2	15.1	[illegible]	13.3	3.8	19.8	12.5	95	84	89	92	96	81	34.3	11.85	32	[illegible]
OCT.	14.7	17.5	15.7	15.1	19.1	13.7	5.4	20.5	12.8	95	79	88	95	98	76	36.5	12.24	84	[illegible]
NOV.	16.4	19.1	17.5	17.0	19.9	15.0	4.9	23.7	13.7	91	79	84	88	96	75	35.5	12.86	134	[illegible]
DIC.	17.8	21.2	19.3	19.2	22.4	16.6	5.8	25.0	14.9	92	76	82	88	95	72	33.8	14.70	139	[illegible]
MEDIA ANUAL	16.9	19.9	18.3	17.7	20.9	15.8	5.1	FEB. 28.5	Varios 12.5	92	78	84	89	95	74	-	13.62	-	[illegible]

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 M/S.)			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
0.70	0.60	3	1000.3	1001.3	998.5	1003.0	996.4	SE - 1	SSW - 3	S - 3	-	-	-
0.00	0.00	0	1000.2	1001.8	998.8	1004.6	996.6	C - 0	SSW - 3	SSE- 5	-	-	-
0.00	0.00	0	1000.6	1002.1	999.2	1004.1	994.9	C - 0	SSW - 2	S - 2	-	-	-
Vest.	Vest.	1	1001.0	1002.8	999.4	1004.4	997.0	C - 0	WSW - 2	SSW- 3	-	-	-
0.20	0.10	3	1003.0	1004.6	1001.3	1006.4	999.0	C - 0	SSW - 2	SSW- 2	-	-	-
1.51	0.30	18	1002.9	1004.4	1001.7	1006.2	999.8	C - 0	SSW - 2	S - 2	-	-	-
2.93	0.50	18	1003.7	1005.0	1002.4	1006.5	1000.1	C - 0	SSW - 3	S - 3	-	-	
4.06	0.88	19	1003.3	1004.9	1002.0	1006.2	999.3	S - 2	SSW - 3	S - 3	-	-	-
3.09	0.55	24	1003.8	1005.3	1002.4	1006.8	1000.5	S - 2	S - 2	S - 3	-	-	
2.25	0.37	18	1002.9	1004.5	1001.3	1007.2	999.2	S - 2	SSW - 4	SSE- 4	-	-	-
0.52	0.40	4	1002.5	1003.8	1001.0	1006.0	998.9	S - 2	S - 4	S - 4	-	-	-
1.55	0.80	6	1000.8	1002.1	999.3	1004.2	995.6	S - 2	S - 4	S - 4		-	-
Total 16.81	-	-	1002.1	1003.6	1000.6	OCT. 1007.2	MAR. 994.9	C - 0	SSW - 3	S - 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 DECIMOS
	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]	20.6	27.0	23.1	22.7	28.8	17.8	11.0	30.4	15.1	98	72	85	90	100	68	128.8	18.64	141	8
[illegible]	20.8	28.5	23.2	23.2	30.2	16.2	14.0	32.7	14.3	95	64	78	85	100	61	129.8	18.14	185	7
[illegible]	20.3	28.0	23.1	22.4	30.0	16.2	13.8	32.2	14.9	90	62	78	86	99	59	127.3	17.48	231	6
[illegible]	18.1	25.9	20.6	20.6	27.8	15.1	12.7	29.9	13.0	97	68	86	89	99	65	100.2	16.21	194	5
[illegible]	16.1	23.[illegible]	18.5	18.0	25.3	12.6	12.7	27.4	9.4	96	70	87	89	99	66	75.2	13.79	137	6
[illegible]	[illegible]	[illegible]	16.1	15.8	21.9	11.0	10.9	24.9	6.8	96	77	90	90	98	69	60.6	12.12	62	7
[illegible]	14.0	18.8	15.3	14.5	20.3	11.3	9.0	23.5	8.0	96	78	92	91	98	72	49.5	11.27	51	9
[illegible]	[illegible]	[illegible]	15.1	14.1	19.6	11.1	8.5	24.3	8.5	97	81	92	92	98	75	44.4	11.11	44	9
[illegible]	[illegible]	[illegible]	15.7	15.3	21.4	11.6	9.8	24.2	8.7	97	80	91	91	99	74	56.5	11.87	72	8
[illegible]	[illegible]	[illegible]	16.4	15.9	22.8	11.8	11.0	25.7	9.9	96	71	87	89	99	64	92.4	12.07	127	8
[illegible]	[illegible]	[illegible]	[illegible]	17.3	24.4	12.1	12.3	26.9	8.7	92	68	84	88	99	61	90.7	12.96	167	6
[illegible]	[illegible]	[illegible]	[illegible]	19.2	27.2	13.6	13.6	30.4	8.9	93	64	83	86	99	61	101.3	14.36	186	6
[illegible]	[illegible]	[illegible]	[illegible]	18.2	25.0	13.4	11.6	FEB. 32.7	JUN. 6.8	95	71	86	89	99	66	-	14.17	-	7

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 M/S.)			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
0.40	0.20	3	983.2	984.5	982.6	986.9	980.0	C - 0	W - 3	W - 2	-	-	2
Vest.	Vest.	2	984.0	984.9	983.0	988.0	980.9	C - 0	W - 4	W - 1	-	-	3
0.00	0.00	0	984.2	985.0	983.2	986.8	979.9	C - 0	SW - 4	W - 1	-	-	-
Vest.	Vest.	5	984.4	985.6	983.4	986.9	980.9	C - 0	W - 4	W - 1	-	-	15
Vest.	Vest.	4	986.0	987.2	985.3	989.3	982.6	C - 0	W - 3	W - 1	-	-	9
0.24	0.06	17	986.9	987.9	986.1	989.3	983.7	C - 0	W - 2	W - 1	-	-	6
0.22	0.04	13	987.3	988.4	986.5	990.5	984.0	C - 0	W - 3	W - 1	-	-	[illegible]
0.23	0.05	12	987.6	988.4	986.5	990.4	984.0	C - 0	W - 2	W - 1	-	-	[illegible]
0.28	0.03	13	987.7	989.0	986.9	991.4	984.6	C - 0	W - 3	W - 1	-	-	5
0.16	0.05	13	986.9	987.7	985.6	990.6	983.0	C - 0	W - 4	W - 2	-	-	6
0.03	0.03	3	986.4	987.4	985.6	990.6	981.0	C - 0	W - 5	W - 2	-	-	[illegible]
0.00	0.00	0	984.0	984.8	982.9	989.2	978.6	C - 0	W - 4	W - 2	-	-	4
Total 1.56	-	-	985.7	986.7	984.8	SET. 991.4	DIC. 978.6	C - 0	W - 3	W - 1	-	-	98

1947

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 DECIMOS
	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]	11.9	20.4	16.0	15.4	23.6	8.0	15.6	25.8	5.6	95	38	54	70	98	30	80.4	9.19	94	7
[illegible]	12.3	18.6	15.6	14.7	21.9	8.3	13.6	25.0	6.5	92	43	61	72	98	35	62.9	9.04	66	7
[illegible]	[illegible]	20.2	15.9	15.2	23.7	7.1	16.6	27.0	4.6	89	38	60	72	98	32	81.6	9.33	126	6
[illegible]	[illegible]	[illegible]	15.1	14.2	23.4	6.2	17.2	25.5	2.0	92	30	50	63	98	25	99.6	7.65	136	5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.4	4.0	19.4	26.0	-1.0	93	22	48	62	98	19	118.7	7.20	162	4
[illegible]	[illegible]	[illegible]	15.2	11.9	23.9	[illegible]	21.5	25.7	0.0	98	18	45	[illegible]	99	15	137.9	6.27	203	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	12.1	22.5	1.9	20.6	26.8	-2.5	95	24	44	60	98	20	133.5	6.35	200	3
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	23.5	1.9	21.6	26.6	-1.3	96	[illegible]	40	58	98	20	158.8	6.47	231	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.1	5.2	18.9	27.0	2.5	89	28	43	60	93	26	140.7	7.43	191	5
[illegible]	[illegible]	[illegible]	[illegible]	15.9	25.7	6.4	19.3	28.0	2.5	86	23	41	57	94	20	160.5	7.73	203	6
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	6.8	[illegible]	27.5	4.0	84	28	43	[illegible]	95	20	120.5	7.73	148	7
[illegible]	[illegible]	[illegible]	[illegible]	15.1	23.8	[illegible]	16.3	27.5	2.5	86	31	48	63	96	24	114.1	8.11	140	8
[illegible]	[illegible]	[illegible]	[illegible]	15.9	23.7	5.5	18.2	OCT. 28.0	JUL. -2.5	91	[illegible]	48	63	97	24	-	7.71	-	5

(C U Z C O)

Lat. 13° 18′ S.
Long. 72° 12′ W. de G.
Alt. 2815 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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
61.80	12.60	14	726.7	727.9	725.2	729.3	723.3	-	-	-	-	-
72.70	17.50	9	727.7	729.3	726.7	730.7	724.7	-	-	-	-	-
61.70	6.50	10	728.5	730.5	727.3	732.3	724.8	-	-	-	-	-
9.40	2.70	5	-	729.6	726.1	730.5	724.9	-	-	-	-	-
6.40	2.40	2	-	729.6	726.5	731.7	724.0	-	-	-	-	-
2.90	2.90	1	727.6	729.1	725.6	730.4	723.3	-	-	-	-	-
3.40	3.40	1	727.6	728.9	725.7	731.3	722.7	-	-	-	-	-
0.00	0.00	0	726.1	727.8	724.4	729.2	722.7	-	-	-	-	-
10.80	2.90	3	725.5	727.1	723.7	729.3	721.3	-	-	-	-	-
40.60	12.00	7	723.8	725.7	721.6	728.0	721.3	-	-	-	-	-
82.50	18.40	13	724.8	726.4	722.9	732.0	720.0	-	-	-	-	-
32.70	5.20	13	726.7	728.3	725.3	730.1	722.5	-	-	-	-	-
Total 384.90	-	-	726.5	728.4	725.1	MAR. 732.3	NOV. 720.0	-	-	-	-	-

1947

K C A I R A

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 DECIMOS
	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				
E	11.2	17.9	14.7	-	21.3	8.9	12.4	25.0	3.1	89	48	70	-	100	45	-	-	-	7
F	12.2	17.9	14.5	-	19.6	10.1	9.5	21.3	8.0	87	47	65	-	100	42	-	-	-	9
M	11.2	18.2	14.8	-	20.4	9.3	11.1	22.1	5.3	80	31	51	-	100	26	-	-	-	7
A	9.6	18.1	13.8	-	20.0	6.0	13.1	23.1	2.1	78	26	52	-	100	20	-	-	-	7
M	11.6	19.9	13.8	-	21.5	3.6	17.9	24.1	-5.1	75	22	51	-	100	17	-	-	-	4
J	-	-	-	-	22.1	0.1	20.9	23.0	-3.0	-	-	-	-	100	27	-	-	-	2
J	-	-	-	-	22.4	0.8	20.6	23.0	-4.0	-	-	-	-	100	34	-	-	-	4
A	-	-	-	-	22.1	0.5	21.6	25.0	-3.0	-	-	-	-	100	32	-	-	-	3
S	-	-	-	-	21.6	4.3	17.3	25.0	0.0	-	-	-	-	100	43	-	-	-	6
O	-	-	-	12.8	22.7	5.8	16.9	27.0	0.0	-	-	-	55	72	32	76.6	-	175	6
N	-	-	-	13.3	21.3	6.7	15.1	25.0	4.0	-	-	-	62	72	51	54.0	-	144	7
D	-	-	-	12.6	20.8	5.7	15.1	24.0	3.0	-	-	-	64	80	41	43.6	-	156	5
A	-	-	-	-	21.2	5.2	16.0	OCT. 27.0	JUL. -4.0	-	-	-	-	94	34	-	-	-	6

([illegible] U Z C O)

Lat. 13° 33' S.
Long. 71° 55' W. de G.
Alt. 3225 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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	[illegible]
52.90	25.80	19	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
62.70	11.40	26	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
64.50	9.50	12	-	-	-	-	-	C - 0	C - 0	SE - 2	-	-	-
50.90	12.90	14	-	-	-	-	-	C - 0	C - 0	C - 0	-	-	-
22.80	10.40	4	-	-	-	-	-	C - 0	C - 0	NE - 3	-	-	-
7.31	4.57	2	-	-	-	-	-	-	-	-	-	-	-
0.00	0.00	0	-	-	-	-	-	-	-	-	-	-	-
0.00	0.00	0	-	-	-	-	-	-	-	-	-	-	-
1.00	1.00	1	-	-	-	-	-	-	-	-	-	-	-
42.30	7.00	9	-	-	-	-	-	-	-	-	-	-	-
66.20	14.50	13	-	-	-	-	-	-	-	-	-	-	-
56.50	11.00	14	-	-	-	-	-	-	-	-	-	-	-
Total 27.11	-	-	-	-	-	-	-	-	-	-	-	-	-

MES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NEBOSIDAD 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				
[illegible]	-	-	-	[illegible]	10.8	-1.5	11.8	12.8	-4.0	-	-	-	85	100	52	54.5	[illegible]	107	9
[illegible]	-	-	-	5.0	11.8	-1.8	13.6	15.5	-2.9	-	-	-	76	99	38	71.4	5.10	172	[illegible]
[illegible]	-	-	-	5.2	13.6	-2.1	15.7	15.3	-6.1	-	-	-	69	96	24	124.3	4.57	301	5
[illegible]	-	-	-	3.9	12.6	-3.4	16.0	16.7	-6.9	-	-	-	70	96	20	106.4	4.24	220	7
[illegible]	-	-	-	2.6	12.4	-7.1	19.5	15.8	-12.5	-	-	-	88	92	19	95.4	4.86	260	5
[illegible]	-	-	-	0.7	12.0	-13.0	25.0	13.5	-16.6	-	-	-	60	93	23	96.0	2.89	329	[illegible]
[illegible]	-	-	-	0.4	11.8	-12.0	23.9	24.3	-16.6	-	-	-	55	88	21	90.0	2.60	319	[illegible]
[illegible]	-	-	-	[illegible]	13.2	-12.5	25.7	17.2	-20.0	-	-	-	50	84	16	103.6	2.52	334	[illegible]
[illegible]	-	-	-	2.1	14.2	-10.4	24.6	19.1	-18.4	-	-	-	53	82	20	116.5	2.82	271	5
[illegible]	-	-	-	2.9	15.2	-9.4	24.6	18.4	-9.4	-	-	-	52	86	10	168.3	2.93	330	3
[illegible]	-	-	-	3.5	17.1	-9.4	26.5	19.5	-9.4	-	-	-	52	82	14	181.2	3.06	311	4
[illegible]	-	-	-	4.5	14.6	-3.3	17.9	18.5	-9.4	-	-	-	64	95	15	141.6	4.04	243	5
TOTAL	-	-	-	3.0	13.2	-7.2	20.4	NOV. 19.5	AGO. -20.2	-	-	-	65	91	23	-	4.50	-	5

T A

Alt. 4405 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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
353.50	38.00	30	-	-	-	-	-	-	-	-	-	3	-
100.40	13.10	21	-	-	-	-	-	-	-	-	-	3	-
38.30	16.30	12	-	-	-	-	-	-	-	-	-	3	-
45.40	11.90	9	-	-	-	-	-	-	-	-	-	3	-
39.40	12.20	9	-	-	-	-	-	-	-	-	-	-	-
0.00	0.00	0	-	-	-	-	-	-	-	-	-	-	-
1.00	1.00	1	-	-	-	-	-	-	-	-	-	-	-
0.60	0.60	1	-	-	-	-	-	-	-	-	-	-	-
22.50	11.70	9	-	-	-	-	-	-	-	-	-	-	-
2.30	2.00	2	-	-	-	-	-	-	-	-	-	-	-
1.90	1.90	1	-	-	-	-	-	-	-	-	-	-	-
93.60	26.10	11	-	-	-	-	-	-	-	-	-	-	-
Total 698.90	-	-	-	-	-	-	-	-	-	-	-	[illegible]	-

MESES	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	EMISION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NEBULOSIDAD MEDIA
	8 - 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]	6.8	[illegible]	9.0	[illegible]	13.9	[illegible]	[illegible]	18.2	1.0	92	70	77	84	98	61	88.6	6.85	165	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.2	[illegible]	12.1	[illegible]	0.6	90	66	[illegible]	80	95	58	72.[illegible]	6.68	123	[illegible]
[illegible]	[illegible]	[illegible]	10.2	9.4	16.7	[illegible]	14.0	19.4	0.0	82	59	74	73	93	50	121.0	6.46	210	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	18.7	-1.0	87	55	74	76	93	48	117.3	[illegible]	206	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.3	-1.4	16.7	18.0	-5.8	64	40	[illegible]	[illegible]	78	32	144.1	4.09	293	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.0	[illegible]	17.8	16.2	[illegible]	57	35	[illegible]	47	64	31	129.4	3.07	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	14.8	-2.6	17.4	17.6	-6.0	52	39	[illegible]	49	69	30	131.5	3.41	286	[illegible]
00	[illegible]	[illegible]	[illegible]	[illegible]	15.2	-2.0	17.2	19.1	-7.9	60	33	48	49	69	26	134.3	3.56	273	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	15.9	17.8	-5.0	65	[illegible]	75	[illegible]	[illegible]	[illegible]	137.3	4.23	270	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	172.1	[illegible]	201	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	16.9	[illegible]	[illegible]	20.5	-2.0	65	42	64	56	79	34	149.7	4.73	203	[illegible]
[illegible]	[illegible]	[illegible]	10.6	9.0	15.3	[illegible]	13.7	18.9	-0.2	82	53	70	72	93	46	125.1	6.20	206	[illegible]
MEDIA ANUAL	3.0	24.1	10.1	7.6	15.6	0.7	14.9	OCT. 21.7	AGO. -7.9	72	47	62	62	82	40	-	4.96	-	7

(S A L C E D O)

Lat. 15° 50' S.
Long. 70° 01' W. de G.
Alt. 3852 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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	
105.67	27.94	19	645.7	646.9	644.1	648.1	642.9	S - 2	N - 3	S - 4	2	1	8
76.72	10.67	18	646.0	647.4	644.4	648.4	643.1	S - 2	N - 3	N - 3	3	-	1
44.90	12.70	6	646.5	647.7	644.8	650.0	642.9	S - 3	N - 5	SE - 4	1	2	-
56.13	10.16	14	647.1	648.3	645.2	650.1	643.5	S - 3	N - 4	SE - 3	-	1	1
11.94	11.94	1	646.9	648.6	645.5	650.2	643.5	S - 3	SW - 4	SE - 4	1	1	-
1.27	1.27	1	647.6	649.2	645.9	650.7	644.7	S - 4	SE - 4	NNE - 3	1	-	-
0.60	0.60	1	646.7	648.3	644.5	649.5	642.3	S - 4	SE - 3	SE - 4	-	-	8
7.11	5.84	3	646.9	648.4	645.1	649.6	642.9	S - 4	SE - 4	SE - 4	1	-	-
39.88	20.83	4	645.3	648.3	644.5	649.9	642.9	SE - 3	SE - 5	SE - 4	4	3	
31.50	20.32	5	645.9	647.3	643.5	650.1	640.2	SE - 4	S - 4	SE - 4	2	1	-
17.02	6.35	5	645.9	647.1	644.8	648.8	642.7	NE - 4	SW - 6	SE - 4	2	1	1
83.26	16.00	16	644.5	645.9	642.9	648.8	640.8	NE - 4	NNE - 4	SE - 4	4	5	4
TOTAL 476.00	-	-	646.2	647.8	644.6	JUNIO 650.7	OCT. 640.2	S - 3	SE - 4	SE - 4	25	15	30

	TEMPERATURA EN GRADOS CENTIGRADOS									HUMEDAD RELATIVA %						EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	FUERZA TRAB. MEDIA DE PERSONAS
	07 - 00	13 - 00	18 - 00	MEDIA METEOROLOGICA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA BAROMETRICA	MAXIM. MEDIA	MINIM. MEDIA				
[illegible]	[illegible]	24.4	19.6	16.7	23.0	4.0	19.0	25.0	2.0	-	-	-	77	98	-	97.0	10.99	237	-
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	24.8	6.9	17.9	26.5	5.5	-	-	-	63	87	32	105.5	7.55	277	-
[illegible]	[illegible]	[illegible]	[illegible]	24.8	25.8	7.3	18.5	27.0	4.5	-	-	-	56	79	30	122.0	7.07	323	-
[illegible]	[illegible]	[illegible]	17.[illegible]	14.7	25.2	7.4	17.8	27.0	5.0	-	-	-	59	82	32	113.3	7.40	291	-
[illegible]	[illegible]	[illegible]	16.0	13.3	24.5	5.3	19.2	27.0	3.0	-	-	-	45	59	25	113.9	5.16	277	-
[illegible]	[illegible]	[illegible]	16.2	-	22.8	3.1	19.7	25.0	2.5	-	-	-	46	56	-	101.5	-	-	-
[illegible]	[illegible]	[illegible]	15.6	-	23.4	3.4	20.0	25.0	1.0	-	-	-	55	70	-	107.0	-	-	-
[illegible]	[illegible]	[illegible]	16.7	-	23.4	4.2	19.2	25.0	1.5	-	-	-	57	78	-	94.5	-	-	-
[illegible]	[illegible]	[illegible]	16.8	-	23.2	4.5	18.7	24.5	[illegible]	-	-	-	63	80	-	98.7	-	-	-
[illegible]	[illegible]	[illegible]	[illegible]	-	23.7	4.6	19.1	26.0	[illegible]	-	-	-	67	88	42	118.8	-	-	-
[illegible]	[illegible]	[illegible]	15.5	-	23.7	3.6	20.1	25.0	1.5	-	-	-	68	92	41	117.3	-	-	-
[illegible]	15.7	[illegible]	15.9	-	23.0	4.0	19.0	25.0	[illegible]	-	-	-	77	93	-	113.4	-	-	-
[illegible]	[illegible]	22.3	16.3	-	23.9	4.9	19.0	Varios 27.0	JUL. [illegible]	-	-	-	61	80	34	-	-	-	-

I P A

Lat. 16° 22' S.
Long. 71° 32' W. de G.
Alt. 2332 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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
10.16	6.60	2	767.7	770.5	766.7	771.3	765.3	C - 0	N - 3	C - 0	-	-	-
-	-	-	767.3	770.4	767.5	772.7	766.0	C - 0	W - 4	C - 0	-	-	-
-	-	-	768.8	770.5	767.5	772.7	765.3	C - 0	W - 3	C - 0	-	-	-
-	-	-	770.1	773.2	770.0	774.7	768.7	C - 0	W - 2	C - 0	-	-	-
-	-	-	774.1	775.9	772.9	778.7	767.3	C - 0	SW - 3	C - 0	-	-	-
-	-	-	775.9	777.3	775.3	778.7	774.0	C - 0	W - 3	C - 0	-	-	-
-	-	-	776.0	777.5	775.6	779.3	773.4	C - 0	W - 4	C - 0	-	-	-
-	-	-	775.6	776.9	774.5	778.0	772.7	C - 0	W - 4	C - 0	-	-	-
-	-	-	775.9	777.2	774.9	778.7	771.3	C - 0	W - 5	C - 0	-	-	-
-	-	-	775.5	776.5	774.5	778.7	772.7	C - 0	W - 5	C - 0	-	-	-
-	-	-	774.8	776.4	774.0	778.0	771.3	C - 0	W - 5	C - 0	-	-	-
-	-	-	773.9	775.6	772.0	778.0	770.7	C - 0	SW - 4	C - 0	-	-	-
TOTAL 10.16	-	-	773.0	774.8	769.9	779.3	765.3	C - 0	W - 4	C - 0	-	-	-

	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	NEBOSIDAD MEDIA EN DECIMOS
[illegible]	[illegible]	26.1	19.4	17.4	28.9	16.0	12.9	31.1	12.0	22	40	57	-	-	-	58.0	-	268	7
[illegible]	[illegible]	26.4	19.8	17.4	30.4	16.2	14.2	33.4	12.1	82	43	58	73	98	38	61.6	10.08	261	6
[illegible]	[illegible]	[illegible]	[illegible]	18.6	33.0	16.0	15.0	33.1	12.3	67	38	50	62	88	35	89.6	9.97	300	5
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	29.9	15.0	14.0	31.4	10.9	83	56	[illegible]	[illegible]	97	54	79.5	12.39	278	5
[illegible]	[illegible]	25.9	[illegible]	17.9	29.8	14.1	15.7	31.9	[illegible]	72	55	67	69	88	52	95.5	10.62	291	5
[illegible]	[illegible]	[illegible]	[illegible]	18.6	30.3	[illegible]	15.1	31.6	[illegible]	73	64	74	73	88	63	132.5	11.74	305	2
[illegible]	[illegible]	24.6	17.6	[illegible]	29.0	13.8	15.2	[illegible]	10.0	53	44	54	54	71	40	130.0	7.95	306	3
[illegible]	26.5	26.0	18.9	18.0	30.2	14.3	15.9	31.8	10.9	74	60	65	69	83	58	119.5	10.69	304	3
[illegible]	26.8	27.0	19.1	18.3	30.6	14.6	16.0	31.9	11.1	81	65	76	79	95	62	109.8	12.47	288	4
[illegible]	[illegible]	27.0	19.2	18.8	31.0	14.7	16.3	33.4	8.1	75	58	64	72	91	55	127.7	11.73	309	3
[illegible]	[illegible]	[illegible]	19.5	[illegible]	[illegible]	[illegible]	18.7	[illegible]	10.0	52	32	40	47	68	31	134.6	7.60	292	4
[illegible]	[illegible]	26.7	19.5	18.7	30.6	12.5	18.1	32.0	8.0	63	35	45	55	79	33	112.6	8.90	302	5
[illegible]	[illegible]	[illegible]	19.0	18.2	30.2	[illegible]	15.6	Varios DIC. 33.4	8.0	66	49	60	66	86	47	-	10.45	-	4

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 M/S.)			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
1.40	0.40	4	842.8	843.7	841.4	846.1	839.7	WSW - 2	SSW - 3	SSW - 3	-	-	-
0.50	0.50	1	843.3	844.4	842.0	847.2	840.0	NE - 2	SSW - 3	SSE - 3	-	-	-
0.00	0.00	0	843.6	844.6	842.5	846.5	840.0	E - 2	SSW - 3	SSW - 3	-	-	-
0.00	0.00	0	843.2	844.1	842.3	845.4	839.8	NE - 2	SSW - 3	SSW - 2	-	-	-
0.00	0.00	0	843.4	844.5	842.4	845.7	841.2	NE - 3	SSE - 2	SSW - 2	-	-	-
0.00	0.00	0	844.0	844.8	842.8	846.2	841.0	NE - 4	SSE - 4	SSE - 2	-	-	-
0.00	0.00	0	843.8	844.6	842.6	846.2	840.2	NE - 4	S - 2	SSW - 2	-	-	-
0.00	0.00	0	844.0	844.9	842.6	846.8	840.2	NE - 3	S - 2	SSW - 2	-	-	-
1.20	0.50	3	844.2	845.2	842.9	847.0	840.0	NE - 3	SSW - 3	SSW - 3	-	-	-
0.30	0.30	1	843.4	844.2	842.1	846.9	839.6	NE - 3	S - 3	SSW - 3	-	-	-
0.30	0.30	1	843.4	844.6	842.1	847.4	839.8	NE - 2	SSW - 2	S - 2	-	-	-
0.00	0.00	0	842.4	843.4	841.3	846.1	838.8	NE - 2	SSW - 3	S - 2	-	-	-
Total 3.70	-	-	843.4	844.4	842.2	847.4	838.8	NE - 3	SSW - 3	SSW - 2	-		

MESES	TEMPERATURA EN GRADOS CENTIGRADOS T									HUMEDAD RELATIVA U						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 BIHORARIA	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA BIHORARIA	MAXIMA MEDIA	MINIMA MEDIA				
[illegible]	17.5	26.0	20.0	19.0	28.3	12.0	16.3	30.0	9.0	87	47	68	80	100	43	307.4	13.19	-	[illegible]
[illegible]	16.9	25.0	20.0	21.0	29.6	10.5	19.1	32.0	8.0	85	48	62	77	100	41	288.8	14.38	-	[illegible]
[illegible]	17.5	26.8	20.4	22.4	30.3	9.5	20.8	32.0	7.0	81	43	64	78	100	39	356.1	14.92	-	[illegible]
[illegible]	16.4	25.6	20.5	21.4	30.5	9.3	21.2	33.0	6.5	95	50	75	81	100	48	381.0	15.50	-	[illegible]
[illegible]	16.9	21.0	19.0	19.5	28.6	9.4	21.2	32.0	2.5	83	46	71	78	96	40	320.7	13.27	-	[illegible]
[illegible]	15.2	[illegible]	19.5	-	27.5	7.0	20.5	29.5	4.0	83	55	80	82	99	52	278.6	-	-	[illegible]
[illegible]	15.5	23.9	20.1	-	26.5	6.5	20.0	30.5	2.5	70	42	65	-	71	40	319.8	-	-	[illegible]
[illegible]	15.6	25.8	20.4	-	28.2	7.2	21.0	30.0	3.0	66	49	67	-	70	49	343.9	-	-	[illegible]
[illegible]	17.6	26.6	20.2	-	28.4	7.0	21.4	30.5	3.5	69	50	68	-	72	50	341.6	-	-	[illegible]
[illegible]	17.9	27.0	20.3	-	29.8	7.7	22.1	32.0	5.5	72	51	70	-	73	50	347.4	-	-	[illegible]
[illegible]	18.9	27.7	20.0	-	29.6	8.0	21.4	32.0	6.0	72	50	71	-	74	50	388.5	-	-	[illegible]
[illegible]	18.7	26.7	18.8	-	28.6	10.1	18.5	31.0	8.0	76	50	76	-	78	49	384.5	-	-	[illegible]
[illegible]DIA [illegible]AL	16.8	26.0	20.0	-	28.8	8.5	20.3	ABR. 33.0	Varios 2.5	78	48	70	79	86	46	-	-	-	5

Q U A

Lat. 17° 11' S.
Long. 70° 56' W. de G.
Alt. 1367 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			FENOMENOS OTEORICOS		
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
-	-	-	-	860.4	859.2	861.6	857.1	C - 0	W - 2	W - 2	-	-	-
-	-	-	-	860.8	859.5	862.9	858.9	C - 0	W - 2	SW - 2	-	-	-
-	-	-	-	860.9	859.7	861.6	858.3	C - 0	SW - 3	SW - 2	-	-	-
-	-	-	-	861.5	859.7	862.7	858.7	C - 0	SSW - 2	S - 2	-	-	-
-	-	-	-	861.7	860.3	862.9	859.3	C - 0	W - 2	W - 2	-	-	-
-	-	-	-	861.6	860.8	862.7	860.3	C - 0	W - 2	W - 2	-	-	-
-	-	-	-	861.5	860.4	862.3	858.9	C - 0	W - 2	W - 2	-	-	-
-	-	-	-	861.3	861.2	862.3	858.9	C - 0	W - 2	SW - 2	-	-	-
-	-	-	-	861.1	860.0	862.3	858.3	C - 0	SW - 3	SW - 2	-	-	-
-	-	-	-	860.3	859.7	862.3	858.9	C - 0	W - 2	W - 2	-	-	-
-	-	-	-	860.8	859.9	861.6	858.3	C - 0	SW - 2	W - 2	-	-	-
-	-	-	-	860.3	859.2	861.6	858.3	C - 0	SW - 2	W - 2	-	-	-
Total -	-	-	-	861.0	859.9	Varios 862.9	Bajo 857.1	C - 0	W - 2	W - 2	-	-	-

	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 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]	19.[illegible]	25.5	19.5	20.1	28.4	15.6	12.8	30.0	13.6	74	41	72	72	96	36	155.4	12.72	243	7
[illegible]	17.6	25.5	19.1	19.0	28.5	13.8	14.7	30.6	10.6	80	40	69	71	97	37	124.7	11.71	334	7
[illegible]	15.9	25.0	17.5	18.1	27.7	12.3	15.4	29.2	9.6	84	37	80	70	99	33	115.2	10.91	354	5
[illegible]	[illegible].6	23.4	16.0	17.2	25.9	12.0	13.9	27.9	9.6	92	40	85	78	99	36	86.6	11.49	292	6
[illegible]	11.5	20.4	12.1	14.0	23.1	8.4	14.7	25.5	3.0	83	37	87	74	100	30	73.2	8.87	285	5
[illegible]	8.9	18.4	11.3	11.8	21.6	5.5	16.1	26.9	2.0	91	33	84	74	100	25	56.1	7.68	262	4
[illegible]	8.[illegible]	17.4	10.7	11.1	20.3	5.1	15.2	24.5	2.0	85	38	86	76	100	30	49.7	7.53	261	6
[illegible]	8.8	19.2	10.9	12.0	21.8	6.6	15.2	26.4	0.6	84	27	82	69	100	20	69.1	7.26	289	6
[illegible]	11.0	20.0	11.7	13.2	22.9	7.9	15.0	27.6	5.5	83	26	84	70	100	20	76.8	7.97	283	6
[illegible]	11.9	21.2	12.7	14.4	23.6	9.0	14.6	27.8	6.2	84	25	79	69	100	20	91.8	8.49	320	5
[illegible]	14.9	22.6	14.6	15.7	25.5	9.9	15.6	28.0	6.0	64	21	70	63	98	18	114.1	8.43	352	5
[illegible]	16.7	24.2	16.2	17.6	26.8	12.5	14.3	28.5	9.7	65	27	65	65	96	25	126.8	9.82	372	6
[illegible]	13.2	22.9	14.4	15.4	24.7	9.9	14.8	FEB. 30.6	AGO. 0.6	81	33	78	71	99	28	-	9.41	-	6

A

Lat. 18° 00' S.
Long. 70° 15' W. de G.
Alt. 780 mts. s. n. del mar.

RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			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	[illegible]
0.76	0.25	2	926.8	928.1	925.8	929.7	924.0	-	-	-	-	-	-
0.00	0.00	0	927.9	929.2	927.6	930.6	924.6	-	-	-	-	-	-
0.00	0.00	0	928.4	929.6	927.0	932.0	924.2	-	-	-	-	-	-
0.00	0.00	0	928.1	929.2	926.8	931.8	924.0	NE - 2	SW - 3	SW - 3	-	-	6
1.01	0.76	3	928.9	930.1	927.6	931.4	926.1	NE - 2	SW - 2	SW - 2	-		[illegible]
0.25	0.25	2	929.0	930.1	927.8	931.7	926.2	NE - 3	SW - 4	[illegible] - 2		-	[illegible]
4.57	1.02	6	929.2	930.5	928.0	932.9	924.2	NE - 3	SSW - 3	SW - [illegible]	-		[illegible]
0.00	0.00	0	928.6	929.8	927.4	932.0	924.4	NE - 2	SW - 4	SW - [illegible]		-	[illegible]
2.80	1.27	3	929.8	931.0	928.4	933.2	925.7	SE - 3	SSW - 4	SSW - 3	-	-	[illegible]
1.78	1.27	2	928.8	930.0	927.3	932.1	924.5	C - 0	SSW - 4	SSW - 3		-	[illegible]
0.00	0.00	0	928.1	929.6	926.8	931.7	924.5	SSE - 2	SW - [illegible]	SSW - 3	-	-	[illegible]
0.00	0.00	0	927.0	928.4	925.7	931.0	923.0	SSE - 9	SW - [illegible]	[illegible]		-	[illegible]
Total 11.17	-	-	928.4	929.6	927.2	SET. 933.2	DIC. 923.0	NE - 2	SW - 4	[illegible]		-	12

RESUMENES ANUALES

OBSERVATORIOS	LATITUD S.	LONGITUD W. de G.	ALTITUD mts. s. n. mar.	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %					
				07 - 00	13 - 00	18 - 00	MEDIA BI-HORAR.	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA BI-HORAR.	MAXIMA MEDIA	MINIMA MEDIA
...ritos	3° 40'	80° 31'	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
...itos	3° 46'	73° 11'	106	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
...Alto	4° 15'	81° 14'	270	19.3	25.7	20.2	21.0	27.9	17.2	10.7	34.4	10.5	78	55	77	72	88	43
...ditos	4° 27'	81° 17'	20	22.5	25.6	23.6	23.6	26.6	20.9	5.7	32.0	15.5	73	65	72	-	-	-
...ritos	4° 39'	81° 18'	25	-	-	-	21.6	25.5	19.1	6.4	34.4	12.8	-	-	-	-	-	-
...ro	5° 11'	80° 37'	52	21.9	30.1	28.4	23.3	31.9	18.6	13.3	39.2	10.0	-	-	-	66	78	39
...lapoyas	6° 13'	77° 50'	2328	13.2	19.0	16.8	15.4	20.8	11.6	9.2	26.6	8.0	88	72	79	-	-	-
...layo	6° 47'	79° 50'	31	17.9	24.6	20.8	20.6	26.5	17.3	9.2	37.0	12.4	-	-	-	82	93	58
...dero	6° 48'	79° 18'	33	-	-	-	22.6	31.1	14.9	16.2	37.0	9.0	-	-	-	-	-	-
...tef	7° 04'	79° 34'	150	-	-	-	20.6	30.0	16.2	13.8	36.0	10.0	-	-	-	86	97	62
...arca	7° 08'	78° 30'	2640	11.4	18.5	16.0	14.8	20.5	10.7	9.8	25.8	4.2	85	48	67	72	89	37
...lupe	7° 15'	79° 29'	100	19.2	27.6	22.6	-	29.6	17.1	12.4	36.4	10.5	82	52	67	-	-	-
...mesma	7° 41'	79° 26'	4	-	-	-	-	24.2	16.4	7.8	31.0	11.0	-	-	-	-	-	-
...a Grande	7° 44'	79° 11'	158	-	-	-	-	26.4	15.2	11.2	33.8	9.0	-	-	-	-	-	-
...avio	7° 55'	79° 10'	50	19.1	24.5	20.8	20.8	25.0	17.5	7.6	33.5	10.6	92	67	81	82	93	64
...a Caliente	8° 49'	74° 41'	307	23.7	27.9	25.2	-	31.0	21.4	9.6	38.7	14.6	-	-	-	-	96	49
...ngo María	9° 09'	75° 53'	670	18.2	27.7	24.0	22.0	30.2	17.7	12.5	34.6	13.1	99	56	77	83	100	44

EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN DECIMOS	RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			FENOMENOS DIVERSOS		
				TOTAL ANUAL	MAXIMA ANUAL	FECHA	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	NIEBLA
-	-	-	+	-	-	-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
630.3	13.59	-	6	59.96	31.71	26-IV	983.6	985.4	981.4	988.9	976.0	SE-1	SSE-2	SSE-3	-	-	10
663.7	-	-	-	7.91	5.99	-	1015.9	1017.8	1013.8	1022.6	1008.6	-	-	-	-	-	1
-	-	2.687	-	-	-	-	1022.4	1024.1	1020.4	1027.8	1015.9	-	-	-	-	-	-
374.6	14.14	2.174	-	29.75	6.60	22-II	1012.1	1014.7	1008.3	1020.6	1001.3	S - 1	S- 1	S - 4	-	-	-
786.1	-	3.194	8	893.40	75.00	9-XI	774.0	775.0	771.7	778.1	768.0	C - 0	C -0	C - 0	-	-	5
323.0	15.11	3.293	6	15.80	1.90	31-III	1013.2	1014.8	1011.1	1018.2	1006.5	S - 2	S -4	S - 5	-	-	231
-	-	-	6	61.11	6.21	3-III	-	-	-	-	-	-	-	-	-	-	-
586.0	15.83	2.743	8	25.46	13.28	14-XI	1006.7	1008.3	1004.5	1012.1	998.7	-	-	-	-	-	-
484.4	9.13	858	6	698.63	39.97	13-XI	740.3	741.8	738.5	744.4	735.2	-	-	-	57	7	5
341.6	-	-	4	19.96	3.35	14-XI	-	-	-	-	-	C - 0	S -1	SSE-3	-	-	-
-	-	-	-	3.50	2.50	21- I	-	-	-	-	-	SE- 1	-	S - 1	-	-	3
824.6	-	2.390	6	9.00	2.30	8-XI	-	1000.7	999.8	1003.6	994.8	-	-	-	-	-	3
814.0	15.36	2.411	6	4.07	0.51	16- I	1009.0	1010.4	1007.1	1014.0	1002.6	-	-	-	-	-	-
700.7	-	1.871	-	1.798.00	66.00	5- V	-	-	-	-	-	NW- 2	NW-3	E - 2	-	-	17
482.4	16.50	1.670	7	2.819.03	84.10	25-II	940.2	943.1	937.6	949.9	932.2	C - 0	C - 0	C -0	-	-	26

OBSERVATORIOS	LATITUD S.	LONGITUD W. de G.	ALTITUD m. s. m. NMT.	T TEMPERATURA EN GRADOS CENTIGRADOS									U HUMEDAD RELATIVA %					
				07 + 00	13 - 00	18 - 00	MEDIA 24-HORAR.	MAXIMA MEDIA	MINIMA MEDIA	OSCILACION	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	MEDIA 24-HORARIA	MAXIMA MEDIA	MINIMA MEDIA
Caramonga	10° 40'	77° 49'	15	-	-	-	18.0	21.2	15.6	5.6	27.0	10.0	-	-	-	-	93	76
San Ramón	11° 06'	75° 18'	800	19.5	26.8	23.9	-	29.7	16.6	16.6	33.6	6.0	92	62	78	82	96	51
Tomas de L.	11° 19'	77° 22'	380	14.4	17.3	14.7	-	18.6	14.2	4.4	27.5	10.0	88	76	90	-	94	68
Jauja	11° 43'	75° 27'	3387	7.2	16.6	13.7	11.4	20.4	5.1	15.3	29.0	0.0	75	42	50	62	85	32
Mag. Huancayo	12° 02'	75° 20'	3353	-	-	-	-	19.6	3.8	15.8	24.5	-5.2	-	-	-	66	-	-
La Punta	12° 04'	77° 10'	15	17.3	19.0	18.1	18.5	22.0	16.6	5.4	34.8	13.0	-	-	-	-	-	-
Lima	12° 04'	77° 02'	137	16.9	19.9	18.3	17.7	20.9	15.8	5.1	28.5	12.5	92	78	84	89	95	74
La Molina	12° 05'	76° 57'	251	16.8	23.3	18.8	18.2	25.0	13.4	11.6	32.7	6.8	95	71	86	89	99	66
Cañete	13° 07'	76° 12'	36	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yucay (Cusco)	13° 18'	72° 12'	2815	9.2	20.8	15.8	15.9	23.7	5.5	18.2	28.0	-2.5	91	29	48	63	97	24
Kosipata (Cusco)	13° 33'	71° 55'	3225	-	-	-	-	21.2	5.2	16.0	27.0	-4.0	-	-	-	-	94	34
Chuquibambilla	14° 47'	70° 43'	3910	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Imata	15° 49'	71° 04'	4405	-	-	-	3.0	13.2	-7.2	20.4	19.5	-20.2	-	-	-	65	91	23
Puno	15° 50'	70° 01'	3852	3.0	14.1	10.1	7.6	15.6	0.7	14.9	21.7	-7.9	72	47	62	62	82	40
Arequipa	16° 24'	71° 32'	2332	15.7	22.3	16.3	-	23.9	4.9	19.0	27.0	1.0	-	-	-	61	80	34
Vitor	16° 27'	71° 46'	1552	17.6	26.4	19.0	18.2	30.2	14.6	15.6	33.4	8.0	66	49	60	66	86	47
Moquegua	17° 11'	70° 56'	1367	16.8	26.0	20.0	-	28.8	8.5	20.3	33.0	2.5	78	48	70	79	86	46
Tacna	18° 00'	70° 15'	780	13.2	21.9	14.4	15.4	24.7	9.9	14.8	30.6	0.6	81	33	78	71	99	28

EVAPORACION TOTAL EN MILIMETROS	TENSION MEDIA DEL VAPOR EN MILIMETROS	TOTAL DE HORAS DE SOL	NUBOSIDAD MEDIA EN DECIMOS	RR CANTIDAD DE LLUVIA (EN MILIMETROS)			PPP PRESION ATMOSFERICA (EN MILIBARES)					dd DIRECCION Y FUERZA DEL VIENTO (EN M/S.)			FENOMENOS DIVERSOS		
				TOTAL ANUAL	MAXIMA ANUAL	FECHA	MEDIA BI-HORARIA	MAXIMA MEDIA	MINIMA MEDIA	MAXIMA ABSOLUTA	MINIMA ABSOLUTA	07 - 00	13 - 00	18 - 00	TEMPESTAD ELECTRICA	GRANIZO	
-	-	1.566	-	-	-	-	-	1015.1	1013.6	1018.4	1008.1	-	-	-	-	-	-
-	-	-	5	2178.60	90.00	-	923.0	925.8	920.5	930.6	914.6	C -0	C -0	C -0	-	-	-
553.3	-	1.661	8	174.52	7.80	15- I	-	-	-	-	-	-	-	-	-	-	93
1.010.6	6.34	2.053	6	474.40	17.00	5-XII	682.6	684.5	679.9	688.0	673.3	C -0	NE-2	N -4	1	-	-
	-	2.348	6	535.42	21.59	5- I	687.8	690.4	685.3	694.3	680.4	C -0	SE-5	N-12	28	-	-
153.5	-	1.500	7	8.10	0.40	17-VII	-	-	-	-	-	SSE-2	S- 3	S - 3	-	-	-
940.0	13.62	1.525	8	16.81	0.88	16-VIII	1002.1	1003.6	1000.5	1007.2	994.9	C -0	SSW-3	S - 3	-	-	-
1.056.7	14.17	1.597	7	1.56	0.20	9- I	985.7	986.7	984.8	991.4	978.6	C -0	W- 3	W - 1	-	-	09
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
409.2	7.71	1.900	5	384.90	18.40	13- XI	726.5	728.4	725.1	732.3	720.0	-	-	-	-	-	-
-	-	-	6	627.11	25.80	11- I	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
349.9	4.50	3.197	5	698.90	38.00	16- I	-	-	-	-	-	-	-	-	-	12	-
1.526.8	4.96	2.866	7	476.00	27.94	10- I	646.2	647.8	644.6	650.7	640.2	S - 3	SE-4	SE-4	25	15	-
302.9	-	1.405	-	10.16	6.60	3- I	773.0	774.8	769.9	779.3	765.3	C - 0	W- 4	C - 0	-	-	-
230.9	10.45	3.504	4	3.70	0.50	14-VIII	843.4	844.4	842.2	847.4	838.8	NE-3	SSW-3	SSW-2	-	-	-
058.3	-	-	5	-	-	-	-	861.0	859.9	866.9	857.1	C - 0	W- 2	W- 2	-	-	11
1.139.5	9.41	3.648	6	11.17	1.27	21-VIII	938.4	929.6	927.2	933.2	923.0	NE-2	SW-4	SSW-3	-	-	92

SEGUNDA PARTE

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TEMPERATURAS DIARIAS DEL AGUA DE MAR 1947

E L A L T O (CABO BLANCO)

Lat. 4° 15' S.
Long. 81° 14' W. de G.
Alt. 295 m.s.n. del mar.

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 0700

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	18.8	22.7	19.4	23.3	-	-	17.2	21.1	18.8	20.0	22.2	21.6
2	-	-	-	22.7	17.7	20.0	17.7	21.1	18.8	22.2	-	22.2
3	18.8	21.1	22.2	21.1	19.4	20.0	18.8	-	17.2	21.1	22.7	21.6
4	20.0	22.2	20.0	-	-	20.0	17.7	20.0	17.2	21.1	22.7	21.1
5	18.8	25.0	18.8	-	17.7	21.6	19.4	19.4	17.7	-	22.7	20.0
6	18.8	25.0	18.8	-	17.7	21.6	-	17.7	17.2	20.0	22.2	20.0
7	-	24.4	18.3	18.8	21.6	22.2	19.4	17.2	-	18.8	22.2	-
8	20.0	25.0	21.1	21.1	21.6	-	21.6	16.6	-	18.3	20.5	16.6
9	22.7	-	-	21.1	18.8	19.4	19.4	17.7	19.4	20.0	-	16.6
10	23.8	23.8	21.1	19.4	17.7	17.7	19.4	-	-	18.8	20.0	18.3
11	25.0	23.8	22.2	18.8	-	17.7	18.8	21.6	-	17.7	20.5	18.8
12	23.3	25.0	23.8	18.8	17.7	20.0	20.0	21.6	-	-	18.8	21.1
13	22.2	26.1	21.1	-	17.7	19.4	-	17.7	18.8	21.6	18.8	18.3
14	22.2	25.5	24.4	18.8	17.7	17.7	20.5	18.8	-	21.6	21.6	-
15	21.1	25.0	23.3	19.4	17.7	-	19.4	21.6	19.4	21.1	21.1	17.2
16	19.4	-	-	18.8	17.7	18.8	20.0	21.1	19.4	21.1	-	22.7
17	18.3	-	20.0	18.8	18.8	19.4	19.4	-	18.8	21.6	22.2	20.0
18	18.3	-	22.7	18.8	-	19.4	19.4	21.6	17.2	20.0	22.2	21.1
19	-	23.8	22.2	18.3	20.0	19.4	18.3	20.0	20.0	-	20.0	21.1
20	17.7	22.7	24.4	-	21.1	18.3	-	20.5	19.4	20.5	20.0	22.2
21	20.0	21.1	24.4	17.7	21.1	18.3	17.7	21.1	-	21.6	20.0	-
22	18.8	24.4	24.4	20.0	20.0	-	17.7	21.1	19.4	21.6	20.0	21.1
23	18.3	-	-	20.0	19.4	19.4	19.4	21.1	17.2	20.5	-	20.5
24	23.3	25.0	21.6	18.8	19.4	18.8	21.1	-	-	18.8	20.5	-
25	23.3	22.2	21.1	18.8	-	18.8	20.0	17.7	21.6	20.5	20.5	-
26	-	19.4	20.5	19.4	17.7	18.3	18.8	17.2	22.2	-	22.2	16.1
27	22.7	22.2	21.1	-	17.7	18.3	-	17.7	22.2	21.6	22.7	21.6
28	22.7	19.4	22.2	20.0	17.7	18.3	-	17.7	-	21.6	21.1	-
29	23.3	-	22.2	21.6	17.2	-	-	16.6	-	22.2	20.0	21.6
30	22.2	-	-	20.0	20.0	18.3	-	21.1	21.1	21.6	-	21.6
31	22.2	-	25.0	-	20.0	-	21.6	-	-	20.5	-	-
Prom. Mens.	21.0	23.4	21.8	19.8	18.9	19.2	19.3	19.5	19.2	20.6	21.1	20.1

PROMEDIO ANUAL : 20.3

Lat. [illegible]
Long. [illegible] W. de G.
Alt. [illegible] m. s.n.m.

TEMPERATURA AGUA DEL MAR OBSERVADA A LAS 1.00

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC
1	-	23.3	20.5	22.7	-	-	17.7	21.6	18.8	[illegible]	[illegible]	22.2
2	-	-	-	23.3	18.8	20.0	18.8	21.6	17.7	[illegible]	-	22.7
3	21.1	21.6	20.0	-	18.8	21.1	18.8	-	17.7	[illegible]	[illegible]	[illegible]
4	20.0	24.4	20.0	-	-	21.6	18.8	20.5	18.3	20.5	22.7	21.6
5	-	25.5	20.0	-	18.8	22.2	20.5	20.5	17.7	-	22.7	21.1
6	19.4	25.5	20.0	-	20.0	23.8	-	18.3	18.8	21.1	22.7	19.4
7	18.8	25.5	20.0	20.0	20.0	22.7	20.0	17.2	-	19.4	22.2	-
8	21.1	25.5	21.1	22.2	20.0	-	22.2	17.2	17.7	19.4	21.6	16.6
9	23.8	-	-	23.3	20.0	19.4	21.1	20.5	21.1	19.4	-	16.6
10	25.0	25.0	23.3	20.5	18.8	18.8	20.0	-	21.1	19.4	20.0	19.4
11	25.5	25.5	23.3	20.5	-	18.8	20.0	22.7	21.1	20.0	21.1	20.5
12	-	26.1	22.2	20.5	18.8	21.1	20.0	21.6	21.1	-	18.8	16.5
13	25.5	26.1	22.2	-	18.5	18.8	-	18.8	19.4	22.2	20.5	18.8
14	23.3	26.1	25.0	21.1	18.3	18.3	21.1	17.2	-	22.7	21.6	-
15	22.2	25.5	24.4	20.5	18.3	-	21.1	-	16.1	21.6	21.6	18.8
16	20.0	-	-	19.4	18.8	20.0	22.2	22.2	19.4	22.2	-	21.1
17	19.4	-	23.3	20.0	18.8	20.0	20.0	-	19.4	21.6	22.2	22.7
18	19.4	-	25.5	19.4	-	20.0	21.1	21.6	19.4	20.0	21.6	22.7
19	-	24.4	25.0	19.4	19.4	18.8	18.8	19.4	20.0	-	21.6	22.7
20	17.7	23.3	25.5	-	20.5	18.8	-	21.1	20.0	21.1	22.2	22.7
21	18.8	22.2	25.5	20.0	22.6	18.8	18.3	21.1	-	22.2	20.0	-
22	20.5	23.3	25.5	21.1	20.5	-	18.8	21.6	21.1	22.7	22.2	21.1
23	23.3	-	-	20.0	20.0	18.8	22.2	21.1	19.4	20.5	-	18.8
24	23.3	24.4	22.2	20.5	18.8	18.8	21.6	-	-	19.4	20.0	-
25	23.3	21.6	22.2	20.0	-	20.0	20.0	18.3	22.7	21.1	21.1	-
26	-	22.2	22.2	20.0	18.3	18.3	19.4	18.3	22.7	-	23.3	21.1
27	24.4	21.6	21.1	-	17.7	18.3	-	17.7	22.7	21.1	23.8	21.1
28	23.8	21.1	23.3	19.4	17.7	18.3	-	18.3	-	23.3	22.2	-
29	23.8	-	23.3	22.7	18.3	-	-	17.7	22.2	21.6	20.0	21.6
30	23.3	-	-	20.5	20.0	18.3	-	18.3	20.5	22.2	-	23.3
31	23.3	-	23.3	-	21.1	-	21.6	-	-	22.2	-	23.3
Prom. Mens.	22.0	24.1	22.7	20.8	19.2	19.8	20.2	19.8	19.8	21.2	21.6	20.7

PROMEDIO ANUAL : 21.0

Lat. [illegible]
Long. 81° 24' N. de G.
Alt. 235 m.s.n.m.

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 1800

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	-	23.3	21.1	23.3	-	-	17.7	22.2	18.8	-	23.3	23.6
2	-	-	-	22.2	18.8	20.0	18.8	21.1	17.2	22.2	-	22.7
3	20.0	22.2	20.5	-	18.8	20.0	18.8	-	17.7	22.2	23.3	22.2
4	20.0	25.5	20.5	-	-	21.1	18.8	20.5	17.7	22.2	22.7	21.6
5	-	21.1	20.0	-	18.8	22.2	20.5	19.4	17.7	-	22.2	21.1
6	20.0	25.5	20.0	-	19.4	23.3	-	17.2	18.8	20.0	23.3	20.0
7	20.0	24.4	21.0	20.5	21.6	23.5	21.6	19.4	-	19.4	23.3	-
8	21.6	25.5	21.6	22.7	20.0	-	22.2	18.8	19.4	18.0	-	16.6
9	24.4	-	-	22.2	18.8	23.3	20.0	18.8	21.1	20.0	-	18.3
10	25.5	25.5	21.1	20.0	19.4	18.8	20.5	-	21.1	20.0	-	19.4
11	25.5	25.5	23.3	20.5	-	19.4	20.5	23.3	21.1	20.0	-	20.5
12	-	26.1	22.2	21.1	18.8	20.5	21.1	20.5	20.5	-	18.8	20.5
13	26.1	27.2	23.3	-	18.8	19.4	-	18.8	19.4	22.7	22.2	18.8
14	22.7	26.6	25.0	22.2	18.8	18.3	22.2	21.1	-	22.7	22.2	-
15	21.1	25.0	24.4	20.5	18.8	-	21.1	22.2	19.4	21.6	-	18.8
16	20.0	-	-	20.0	20.0	20.0	22.2	22.2	18.8	22.2	-	21.1
17	20.0	-	24.4	20.0	19.4	20.5	21.1	-	17.7	22.2	22.7	22.2
18	20.0	-	25.5	18.8	-	20.0	19.4	22.7	18.3	20.0	22.2	22.7
19	-	24.4	25.5	19.4	20.0	18.8	20.0	21.1	21.1	-	21.1	23.8
20	20.0	23.3	24.4	-	21.1	18.8	-	21.6	19.4	21.6	21.1	23.3
21	20.0	23.3	24.4	20.0	21.6	18.8	17.7	22.7	-	22.7	20.5	-
22	21.1	23.3	25.5	21.1	20.5	-	18.8	21.1	17.7	22.7	22.2	21.6
23	24.4	-	-	20.0	20.0	19.4	22.2	21.1	19.4	19.4	-	21.1
24	25.0	23.8	21.6	21.1	18.3	19.4	22.2	-	-	20.0	20.5	-
25	24.4	22.2	22.2	20.0	-	20.5	20.5	18.3	22.7	21.6	20.0	-
26	-	22.2	23.3	18.8	18.3	18.8	20.0	18.3	22.7	-	23.8	18.8
27	24.4	23.3	21.6	-	17.7	18.3	-	18.3	22.7	22.7	23.8	23.3
28	24.4	20.5	23.8	20.0	17.7	18.3	-	17.7	-	23.3	21.6	-
29	24.4	-	24.4	19.4	18.3	-	-	17.7	21.6	23.3	20.0	23.3
30	24.4	-	-	20.0	22.2	18.3	-	18.3	21.6	22.2	-	23.3
31	24.4	-	23.3	-	21.1	-	22.7	-	-	22.2	-	23.3
Prom. Mens.	22.6	21.1	22.8	20.1	19.5	20.0	20.4	20.2	19.7	21.4	21.9	21.3

PROMEDIO ANUAL : 20.9

[illegible]

Lat. 1° 27' S.
Long. 81° 17' W. de G.
Alt. 20 m. s. n. m.

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 0700

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	19.0	20.0	19.0	22.0	18.0	18.0	18.0	18.0	16.5	19.0	19.0	16.5
2	19.0	21.0	19.0	22.0	18.0	18.0	18.0	18.0	16.5	18.0	21.0	21.0
3	19.0	21.0	18.0	22.0	16.5	18.0	18.0	19.0	16.5	20.0	21.0	20.0
4	20.0	21.0	20.0	22.0	18.0	18.0	18.0	19.0	16.5	19.0	19.0	19.0
5	20.0	22.0	20.0	20.0	18.0	19.0	18.0	18.0	16.5	20.0	19.0	19.0
6	20.0	21.0	20.0	19.0	16.5	21.0	18.0	18.0	16.5	19.0	20.0	18.0
7	20.0	22.0	20.0	19.0	18.0	19.0	18.0	18.0	18.0	19.0	19.0	21.0
8	20.0	22.0	20.0	19.0	19.0	19.0	18.0	16.5	18.0	18.0	20.0	16.5
9	19.0	22.0	21.5	19.0	19.0	19.0	18.0	16.5	18.0	18.0	20.0	15.5
10	22.0	22.0	21.0	19.0	18.0	19.0	18.0	19.0	19.0	16.5	18.0	15.5
11	23.5	22.0	21.0	19.0	19.0	18.0	18.0	19.0	18.0	16.5	18.0	15.5
12	23.5	24.5	21.0	19.0	19.0	18.0	18.0	16.5	19.0	18.0	16.5	16.5
13	23.5	24.5	21.0	19.0	18.0	18.0	19.0	16.5	19.0	16.5	16.5	15.5
14	22.0	25.5	21.0	19.0	18.0	18.0	20.0	16.5	19.0	20.0	16.5	15.5
15	20.0	25.5	20.0	20.0	18.0	18.0	20.0	16.5	20.0	20.0	18.0	15.5
16	19.0	24.5	22.0	18.0	18.0	18.0	16.0	16.5	19.0	20.0	19.0	15.5
17	19.0	22.0	22.0	21.0	18.0	18.0	18.0	16.5	19.0	20.0	18.0	18.0
18	20.0	24.5	21.0	18.0	18.0	18.0	19.0	18.0	16.5	19.0	19.0	20.0
19	20.0	23.5	22.0	20.0	18.0	18.0	19.0	18.0	16.5	19.0	19.0	21.0
20	19.0	22.0	23.5	19.0	18.0	18.0	19.0	16.5	16.5	18.0	18.0	19.0
21	19.0	21.0	24.5	18.0	18.0	18.0	16.5	20.0	18.0	18.0	16.5	18.0
22	19.0	21.0	24.5	18.0	19.0	19.0	16.5	19.0	18.0	19.0	16.5	18.0
23	19.0	24.5	22.0	18.0	18.0	16.5	16.5	19.0	18.0	18.0	16.5	18.0
24	19.0	24.5	21.0	18.0	16.5	16.5	16.5	19.0	18.0	18.0	16.5	16.5
25	23.5	23.5	21.0	18.0	18.0	18.0	16.5	18.0	19.0	18.0	16.5	16.5
26	22.0	20.0	21.0	20.0	18.0	19.0	16.5	16.5	20.0	16.5	18.0	16.5
27	22.0	20.0	21.0	18.0	16.5	16.5	16.5	16.5	20.0	16.5	18.0	16.5
28	22.0	20.0	21.0	19.0	18.0	18.0	16.5	16.5	20.0	20.0	19.0	19.0
29	21.0	-	21.0	18.0	18.0	18.0	16.5	16.5	19.0	19.0	18.0	20.0
30	21.0	-	22.0	18.0	16.5	18.0	18.0	16.5	19.0	19.0	18.0	20.0
31	21.0	-	24.5	-	16.5	-	18.0	16.5	-	16.5	-	20.0
Prom. Mens.	20.5	22.4	21.2	19.3	17.9	18.2	17.8	17.6	18.1	18.4	18.3	17.9

PROMEDIO ANUAL : 19.0

Lat. 4° 27' S.
Long. 81° 17' W. de G.
Alt. 20 m.s.n.m.

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 1300

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	19.0	20.0	20.0	23.5	19.0	18.0	19.0	21.0	18.0	20.0	20.0	20.0
2	21.0	21.0	20.0	23.5	19.0	20.0	19.0	22.0	18.0	20.0	21.0	22.0
3	20.0	22.0	20.0	23.5	18.0	20.0	19.0	20.0	18.0	20.0	21.0	19.0
4	20.0	23.5	20.0	23.5	18.0	19.0	19.0	19.0	18.0	20.0	20.0	19.0
5	20.0	20.0	20.0	21.0	18.0	19.0	19.0	18.0	19.0	20.0	21.0	20.0
6	20.0	25.5	20.0	22.0	18.0	22.0	19.0	20.0	19.0	19.0	22.0	19.0
7	20.0	22.2	20.0	21.0	18.0	22.0	18.0	18.0	18.0	19.0	21.0	20.0
8	20.0	24.5	22.0	20.0	20.0	20.0	18.0	18.0	16.5	18.0	20.0	16.5
9	20.0	24.5	23.5	20.0	19.0	20.0	18.0	18.0	18.0	19.0	20.0	16.5
10	22.0	22.0	24.5	21.0	20.0	19.0	18.0	19.0	21.0	16.5	19.0	15.5
11	23.5	23.5	24.5	21.0	20.0	19.0	18.0	20.0	20.0	16.5	21.0	16.5
12	24.5	23.5	24.5	19.0	19.0	18.0	18.0	18.0	20.0	18.0	18.0	16.5
13	26.5	26.5	24.5	19.0	19.0	19.0	20.0	18.0	19.0	18.0	20.0	16.5
14	23.5	25.5	25.5	20.0	19.0	19.0	21.0	18.0	19.0	22.0	18.0	16.5
15	21.0	26.5	25.5	20.0	18.0	18.0	20.0	18.0	19.0	22.0	22.0	16.5
16	20.0	24.5	23.5	20.0	18.0	18.0	19.0	18.0	21.0	21.0	21.0	16.5
17	20.0	24.5	24.5	20.0	18.0	20.0	19.0	18.0	18.0	21.0	22.0	19.0
18	20.0	23.5	21.0	19.0	18.0	21.0	20.0	20.0	16.5	20.0	22.5	20.0
19	20.0	25.5	24.5	19.0	18.0	19.0	18.0	20.0	16.5	18.0	19.0	22.0
20	19.0	22.0	25.5	19.0	19.0	20.0	20.0	19.0	19.0	18.0	19.0	19.0
21	20.0	25.5	23.5	19.0	19.0	21.0	18.0	21.0	18.0	18.0	19.0	20.0
22	19.0	26.5	24.5	19.0	19.0	21.0	19.0	20.0	18.0	20.0	18.0	19.0
23	19.0	24.5	24.5	19.0	19.0	19.0	18.0	20.0	18.0	18.0	18.0	18.0
24	20.0	24.5	23.5	21.0	19.0	19.0	18.0	20.0	18.0	19.0	18.0	16.5
25	21.0	24.5	21.0	20.0	19.0	18.0	18.0	21.0	19.0	18.0	18.0	16.5
26	22.0	21.0	21.0	19.0	18.0	19.0	18.0	18.0	19.0	18.0	19.0	20.0
27	23.5	21.0	21.0	20.0	18.0	19.0	18.0	18.0	19.0	18.0	19.0	18.0
28	23.5	21.0	24.5	20.0	18.0	19.0	18.0	18.0	20.0	20.0	20.0	19.0
29	22.0	-	25.5	20.0	18.0	18.0	18.0	18.0	20.0	19.0	19.0	20.0
30	21.0	-	24.5	20.0	18.0	18.0	20.0	18.0	20.0	19.0	18.0	-
31	21.0	-	24.5	-	18.0	-	21.0	16.5	-	18.0	-	20.0
Prom. Mens.	21.0	23.5	23.0	20.4	18.6	19.4	18.8	19.0	18.7	19.1	19.8	18.4

PROMEDIO ANUAL : 20.0

Lat. [illegible] S.
Long. 81° 17′ W. de G.
Alt. 20 m. s. n. m.

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 1800

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	19.0	20.0	20.0	24.5	18.0	18.0	18.0	20.0	18.0	20.0	20.0	20.0
2	21.0	21.0	20.0	23.5	19.0	21.0	19.0	20.0	18.0	21.0	21.0	21.0
3	20.0	22.0	21.0	22.0	18.0	19.0	18.0	20.0	18.0	21.0	20.0	20.0
4	19.0	21.0	21.0	21.0	18.0	19.0	19.0	19.0	18.0	20.0	20.0	19.0
5	19.0	20.0	21.0	21.0	18.0	19.0	19.0	19.0	18.0	20.0	20.0	19.0
6	20.0	25.5	21.0	22.0	18.0	21.0	19.0	21.0	18.0	20.0	21.0	18.0
7	19.0	21.0	20.0	21.0	19.0	22.0	18.0	18.0	18.0	19.0	21.0	18.0
8	20.0	21.0	21.0	20.0	19.0	20.0	18.0	18.0	16.5	19.0	20.0	16.5
9	21.0	24.5	23.5	21.0	18.0	20.0	18.0	18.0	19.0	18.0	20.0	16.5
10	22.0	23.5	24.5	19.0	19.0	20.0	18.0	18.0	21.0	18.0	18.0	18.0
11	20.0	23.5	23.5	21.0	20.0	20.0	18.0	19.0	21.0	16.5	20.0	16.5
12	24.5	25.5	21.0	19.0	20.0	18.0	18.0	18.0	20.0	18.0	18.0	16.5
13	22.0	25.5	22.0	19.0	19.0	19.0	20.0	18.0	20.0	18.0	16.5	16.5
14	21.0	25.5	23.5	20.0	19.0	19.0	22.0	16.5	20.0	21.0	16.5	16.5
15	21.0	25.5	24.5	20.0	16.5	18.0	19.0	18.0	19.0	20.0	18.0	16.5
16	20.0	23.5	24.5	20.0	18.0	18.0	19.0	18.0	21.0	20.0	20.0	15.5
17	20.0	24.5	21.0	20.0	18.0	18.0	19.0	19.0	18.0	21.0	19.0	18.0
18	20.0	23.5	22.0	19.0	18.0	21.0	19.0	20.0	16.5	20.0	19.0	21.0
19	20.0	22.0	24.5	19.0	18.0	19.0	18.0	20.0	16.5	18.0	18.0	22.0
20	20.0	22.0	24.5	18.0	18.0	21.0	20.0	19.0	18.0	18.0	18.0	20.0
21	21.0	21.0	25.5	19.0	18.0	21.0	18.0	21.0	18.0	18.0	18.0	20.0
22	21.0	22.0	24.5	19.0	18.0	18.0	20.0	20.0	18.0	20.0	16.5	19.0
23	20.0	24.5	24.5	19.0	19.0	18.0	18.0	19.0	18.0	19.0	18.0	18.0
24	20.0	25.5	24.5	19.0	19.0	18.0	20.0	19.0	18.0	18.0	18.0	18.0
25	21.0	22.0	21.0	20.0	19.0	18.0	18.0	20.0	19.0	18.0	18.0	18.0
26	21.0	21.0	21.0	20.0	18.0	18.0	18.0	18.0	18.0	18.0	19.0	16.5
27	23.5	21.0	20.0	19.0	18.0	18.0	18.0	18.0	19.0	18.0	19.0	19.0
28	22.0	21.0	24.5	20.0	18.0	18.0	18.0	18.0	20.0	20.0	18.0	21.0
29	22.0	-	24.5	19.0	18.0	18.0	18.0	18.0	20.0	19.0	16.5	21.0
30	21.0	-	25.5	19.0	18.0	18.0	19.0	18.0	20.0	18.0	16.5	-
31	21.0	-	25.5	-	18.0	-	21.0	16.5	-	18.0	-	20.0
Prom. Mens.	20.7	22.8	22.7	20.1	18.4	19.1	18.8	18.8	18.7	19.0	18.7	18.5

PROMEDIO ANUAL : 19.7

Lat. 7° 41' S
Long. 79° 25' W. de G.
Alt. 4 m. s. n. m.

TEMPERATURA DEL MAR OBSERVADA A HORAS 0700

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	18.0	18.0	17.5	17.[illegible]	16.0	16.0	16.0	15.5	15.0	16.0	14.5	14.5
2	18.0	19.0	18.0	18.0	16.0	16.0	16.0	15.0	15.0	15.0	15.0	14.0
3	18.0	18.5	18.0	17.5	16.0	16.0	15.5	15.0	15.0	15.0	14.5	14.5
4	18.0	18.0	18.5	18.0	16.0	16.0	15.5	15.0	15.0	15.0	14.5	15.0
5	19.0	18.0	18.5	18.0	16.0	15.0	15.5	15.0	15.0	15.0	14.5	15.5
6	19.0	19.0	18.5	17.5	16.0	16.0	16.0	15.5	15.0	15.0	15.0	15.0
7	19.0	18.0	18.0	18.0	16.0	16.0	16.0	15.5	14.5	15.0	15.0	15.0
8	18.5	18.0	17.0	17.5	16.0	16.0	15.5	15.5	14.5	14.5	14.5	15.0
9	18.0	18.0	18.0	17.5	17.0	16.0	15.5	15.5	15.0	15.0	15.0	14.5
10	18.5	17.0	17.5	18.0	17.0	15.5	15.0	15.5	15.0	14.0	15.0	15.0
11	18.0	17.5	18.0	17.0	17.0	16.0	15.0	15.0	15.0	14.5	14.5	15.0
12	18.5	17.5	17.0	16.5	17.0	16.0	15.5	15.5	15.0	14.0	14.5	15.0
13	18.5	18.0	16.0	15.5	16.0	16.0	15.0	15.5	15.0	14.0	14.0	15.0
14	18.5	18.0	17.0	15.5	16.0	16.5	15.0	15.5	15.0	14.5	14.5	14.5
15	19.0	18.0	17.0	16.0	16.0	16.0	15.5	15.5	15.0	15.5	14.5	15.0
16	18.0	18.5	16.5	16.0	16.0	15.5	16.0	15.5	15.0	14.5	14.0	15.5
17	18.0	18.5	16.5	17.0	16.0	15.5	15.5	15.5	16.0	19.5	14.5	15.0
18	18.0	18.0	18.0	16.0	16.0	16.0	15.5	15.5	16.0	15.0	14.5	15.5
19	18.0	19.0	17.0	18.0	16.0	15.5	15.5	15.0	14.0	15.0	14.5	15.0
20	18.0	18.0	17.0	17.0	16.0	15.5	15.0	15.5	14.5	15.0	14.5	15.5
21	18.5	18.0	17.0	17.0	16.0	15.5	15.5	15.5	14.5	14.5	14.5	15.5
22	18.0	18.5	18.0	16.0	16.0	15.5	15.5	15.5	14.5	15.0	14.5	14.5
23	18.5	18.0	17.0	16.0	16.0	15.0	16.5	15.0	15.0	15.0	15.0	15.0
24	19.0	18.0	17.5	16.5	15.5	16.0	16.0	15.0	15.0	15.0	15.0	15.0
25	19.0	17.0	17.5	15.5	16.0	16.0	15.0	15.0	15.0	14.5	14.5	15.0
26	18.5	17.5	17.0	15.5	16.0	16.0	16.0	15.0	15.0	15.0	14.5	15.0
27	19.0	18.0	17.0	15.5	16.0	16.0	16.0	15.0	15.0	15.0	15.0	15.0
28	18.0	18.0	18.0	16.0	16.0	16.0	15.5	15.0	15.5	14.5	15.0	15.0
29	19.0	-	17.0	16.0	16.0	16.0	16.0	15.0	16.0	14.0	14.5	15.0
30	18.0	-	17.0	16.0	16.0	16.0	16.0	15.0	16.0	15.0	15.0	15.5
31	19.0	-	17.0	-	16.5	-	16.0	15.0	-	15.0	-	15.0
Prom. Mens.	18.4	18.0	17.4	16.7	16.1	15.8	15.6	15.2	15.0	14.8	14.6	15.0

PROMEDIO ANUAL : 16.0

C.E.R.P.C. CHICLAYO

Lat. 6° 41' S.
Long. 79° 26' W. de G.
Alt. 4 m. s. n. m.

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 1600

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	19.5	19.5	19.5	19.0	17.0	17.0	16.5	17.0	16.0	16.0	15.0	15.5
2	19.5	20.0	19.0	19.0	17.5	17.0	17.0	17.0	16.0	16.0	16.0	15.0
3	19.5	19.5	19.0	18.0	17.0	16.0	16.5	17.0	15.5	16.0	15.5	15.5
4	19.5	19.5	19.0	18.5	17.0	17.5	16.0	17.0	16.0	16.0	15.0	16.0
5	20.0	19.5	19.0	18.0	18.0	16.0	16.5	17.0	18.0	16.0	15.5	16.0
6	20.0	19.5	19.0	18.5	17.5	17.0	16.5	17.0	16.5	15.0	16.5	15.5
7	20.0	20.0	19.0	18.5	18.0	17.5	17.0	17.0	16.0	15.0	15.5	15.5
8	19.5	19.0	19.0	18.0	18.0	16.5	17.0	17.0	15.5	15.5	16.5	15.5
9	19.0	18.5	19.0	18.5	18.0	17.0	16.0	17.0	15.5	16.0	15.5	15.0
10	19.5	21.0	19.0	19.0	18.0	17.5	16.0	17.0	15.5	16.0	16.0	15.5
11	19.5	19.5	19.0	18.0	17.5	17.0	16.5	17.0	15.5	16.0	15.5	16.0
12	20.0	19.5	18.5	18.0	17.5	17.0	17.0	16.5	15.5	15.0	15.5	16.0
13	20.0	20.5	17.5	16.0	17.0	17.0	17.0	16.5	15.5	17.0	16.0	15.5
14	20.0	20.0	19.0	18.0	17.0	17.5	17.0	16.5	15.5	16.5	15.0	16.0
15	20.5	19.5	18.0	17.0	17.0	16.0	16.5	16.0	15.5	16.5	15.5	16.0
16	20.0	19.0	17.0	19.5	17.5	17.5	16.0	16.5	16.5	16.0	15.5	16.0
17	19.5	19.5	18.0	18.5	17.0	16.0	16.5	16.0	16.5	15.5	15.5	18.5
18	19.5	18.5	18.0	18.0	17.0	16.0	16.0	16.5	17.0	15.5	15.5	16.5
19	19.5	20.0	17.5	19.5	18.0	17.5	17.0	16.5	16.0	15.5	16.0	16.0
20	20.0	19.5	18.5	18.0	17.0	17.0	15.5	16.5	15.0	16.5	15.5	16.5
21	19.5	19.0	19.0	18.0	17.0	17.0	16.0	16.5	15.0	15.5	16.5	16.0
22	20.0	19.0	19.5	18.0	18.0	16.5	17.0	16.0	15.0	15.5	16.0	17.0
23	20.5	19.0	17.5	17.0	19.0	17.5	17.0	16.0	15.0	16.0	15.5	16.0
24	21.0	20.0	20.0	17.0	17.0	17.0	17.0	16.0	16.0	16.5	16.5	16.0
25	21.0	19.0	20.0	17.5	17.0	17.0	17.0	16.0	16.0	16.5	16.0	16.0
26	20.0	18.0	19.0	17.5	17.5	17.0	17.0	16.0	16.0	15.5	16.5	16.0
27	19.0	20.0	19.0	16.5	17.5	17.0	17.0	16.5	16.5	15.5	16.0	16.0
28	19.5	19.0	18.5	17.0	18.0	17.0	17.0	16.0	16.0	15.5	15.0	15.5
29	20.5	-	18.0	17.0	18.0	17.0	17.0	16.0	16.5	15.5	15.0	16.0
30	19.0	-	19.0	17.5	17.0	17.5	17.0	16.0	16.5	15.5	15.0	16.0
31	20.0	-	18.5	-	17.0	-	17.0	16.0	-	16.0	-	16.0
Prom. Mens.	19.8	19.4	18.7	18.0	17.5	16.9	16.6	16.5	15.9	15.8	15.7	16.0

PROMEDIO ANUAL : 17.2

[illegible]

[illegible]

[illegible] 77° 10' W. de G.

[illegible] 15 m. s. n. m.

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 0700

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SEP.	OCT.	NOV.	DIC.
1	15.8	18.0	17.2	[illegible]	19.8	15.8	15.4	15.8	15.0	15.0	14.8	16.0
2	15.8	17.8	17.2	[illegible]	17.4	15.8	16.0	15.2	15.2	15.2	18.8	14.8
3	16.2	17.0	17.0	17.0	17.0	15.0	16.2	15.0	15.8	15.0	18.6	14.8
4	15.8	16.8	17.2	16.8	17.8	15.6	15.8	15.2	15.6	15.6	16.8	14.6
5	16.4	17.4	17.2	16.8	18.0	15.0	15.4	15.0	15.4	15.8	16.8	14.4
6	15.8	17.0	16.8	16.6	16.8	15.0	16.0	15.8	15.4	15.2	16.6	16.2
7	15.6	17.2	16.6	16.8	16.4	14.8	15.8	15.6	15.6	15.4	16.8	16.0
8	15.8	17.2	16.8	17.0	16.6	15.0	15.4	15.0	15.2	15.6	17.4	16.2
9	16.0	16.8	16.8	17.4	16.4	15.2	15.8	15.8	15.6	15.4	16.8	16.8
10	16.0	18.0	16.8	18.2	16.0	15.3	16.0	15.8	15.0	15.8	16.8	15.2
11	16.2	17.8	18.2	18.6	16.0	16.0	15.6	15.0	15.0	15.2	17.8	16.8
12	15.8	17.6	17.6	19.2	17.0	15.4	15.6	15.0	15.6	15.0	16.4	16.4
13	16.0	17.3	16.8	19.8	16.4	15.0	16.0	15.6	15.6	15.4	16.8	16.8
14	17.2	17.8	16.8	18.8	16.8	15.0	15.8	15.0	15.8	15.2	16.4	15.8
15	16.2	18.2	17.0	17.0	16.8	15.8	15.8	15.4	15.4	15.6	16.4	18.6
16	16.4	18.0	16.8	17.0	16.0	15.8	15.4	15.6	15.0	15.6	16.2	17.2
17	16.4	17.8	17.2	17.0	16.2	14.6	15.4	15.8	15.4	15.2	16.0	18.6
18	16.4	17.4	16.8	18.6	16.0	14.4	15.4	15.8	15.6	15.2	16.2	15.2
19	16.6	17.4	17.2	17.8	15.6	14.2	15.0	15.8	15.2	15.2	15.0	15.4
20	16.6	17.2	17.8	18.4	15.8	15.0	16.0	15.8	15.6	15.0	14.4	15.8
21	16.6	17.2	17.8	16.4	15.8	15.2	14.9	15.6	15.4	16.8	15.0	15.4
22	16.8	17.0	17.4	16.6	15.8	15.3	16.4	15.6	15.6	17.6	14.8	15.2
23	16.4	17.2	17.8	18.2	16.0	15.0	15.6	16.0	15.4	16.4	14.8	14.8
24	16.8	17.2	17.2	17.4	16.0	16.0	15.0	15.6	15.8	16.8	16.8	15.0
25	17.0	17.0	17.0	17.0	15.8	15.8	16.4	15.0	15.6	17.4	14.2	15.2
26	17.6	17.4	17.8	17.0	16.0	15.4	16.0	15.4	15.8	16.8	14.2	15.4
27	17.6	17.8	18.2	17.0	15.4	15.4	15.4	15.8	15.4	14.8	14.3	15.4
28	17.6	17.4	18.0	17.6	15.8	15.8	15.2	15.2	15.6	16.8	14.8	15.4
29	16.8	--	17.6	17.2	15.8	15.4	15.4	15.0	15.8	16.8	16.4	15.4
30	17.2	--	16.6	17.8	15.4	15.8	16.0	15.0	15.2	18.6	16.4	16.0
31	18.0	--	16.8	--	15.6	--	15.4	15.4	--	17.4	--	15.4
Prom. Mens.	16.5	17.4	17.2	17.5	16.3	15.4	15.9	15.4	15.5	15.9	16.1	15.8

PROMEDIO ANUAL : 16.2

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

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 1300

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	16.2	18.6	17.6	17.8	19.4	17.0	16.0	16.4	16.0	15.4	16.8	15.8
2	16.4	18.0	18.0	17.6	19.4	17.2	17.6	17.2	16.0	16.8	16.8	16.8
3	16.4	17.4	17.0	18.4	19.0	18.4	17.4	16.2	17.0	16.4	16.8	16.4
4	17.0	19.0	18.4	17.4	19.4	16.0	16.0	16.6	17.4	16.0	16.8	16.2
5	16.8	18.6	19.2	18.6	19.2	16.0	16.4	16.2	16.0	16.0	16.4	17.6
6	16.4	17.4	18.2	17.8	18.0	16.0	16.6	17.2	16.4	15.6	17.4	16.8
7	17.4	17.8	18.4	17.8	18.8	16.0	16.0	16.0	16.2	16.0	17.4	16.4
8	17.2	18.0	18.2	18.4	18.4	16.0	16.4	15.4	16.4	16.2	16.8	16.8
9	18.4	19.0	18.0	18.8	17.4	16.2	17.4	16.2	16.4	16.0	16.4	16.8
10	16.4	18.2	18.6	18.8	18.0	17.0	16.2	16.0	16.8	16.4	17.4	16.8
11	16.8	16.2	21.8	19.0	18.8	17.2	17.0	16.2	16.8	16.0	16.8	17.6
12	16.4	17.8	17.8	19.0	18.8	17.8	16.6	16.0	17.6	15.8	17.4	16.8
13	18.4	18.2	18.4	19.4	18.8	17.0	17.2	16.4	17.0	16.0	17.4	16.6
14	17.4	18.4	17.6	19.6	17.4	17.0	17.2	16.0	16.8	16.2	16.0	17.2
15	17.0	22.2	17.8	17.4	17.2	16.4	16.8	16.4	16.8	16.0	16.8	18.4
16	16.8	18.6	18.0	17.2	18.2	16.8	16.6	16.8	15.8	16.6	17.3	17.4
17	16.8	18.6	18.6	18.4	18.2	16.0	15.6	16.8	16.8	15.8	16.2	17.4
18	17.4	18.0	19.4	19.0	17.4	15.8	16.0	16.0	16.4	16.0	15.8	16.4
19	17.4	19.6	18.4	19.6	18.0	15.8	15.4	16.2	16.2	15.8	15.6	16.2
20	18.0	18.4	19.8	19.4	17.8	16.4	15.0	16.4	16.6	17.0	16.9	17.2
21	17.4	18.4	21.6	17.6	18.0	16.2	14.0	16.4	16.8	16.8	16.2	16.4
22	17.6	18.2	18.6	18.2	18.0	17.0	15.0	16.0	16.0	16.8	15.0	15.6
23	18.2	18.6	18.4	18.0	17.8	16.0	16.0	16.8	16.0	17.6	16.0	16.6
24	18.2	18.0	18.4	18.4	17.8	17.0	15.4	16.8	17.0	17.8	16.4	16.0
25	18.4	17.8	18.8	18.2	17.0	16.8	16.8	16.0	16.8	16.8	16.2	15.8
26	19.2	18.0	20.4	18.0	17.6	16.0	16.8	16.8	16.4	15.8	16.4	17.2
27	20.6	18.4	21.4	17.4	17.0	16.4	14.8	16.8	16.0	16.8	16.4	16.0
28	17.8	18.2	20.0	19.0	16.8	16.2	15.8	16.1	16.2	16.2	16.2	16.4
29	17.8	-	17.8	19.0	16.2	16.0	16.2	17.0	16.2	17.4	16.4	17.8
30	18.2	-	17.0	19.0	16.2	16.4	15.8	16.6	16.0	18.8	16.4	15.8
31	19.4	-	17.0	-	16.4	-	16.4	16.8	-	17.8	-	15.8
Prom. Mens.	17.5	18.3	18.6	18.4	17.9	16.2	16.2	16.7	16.5	17.1	16.7	16.3

PROMEDIO ANUAL : 17.2

Lat. [illegible] 04' S.
Long. 77° 10' W. de G.
Alt. 15 m. s. n. m.

TEMPERATURA AGUA DEL MAR OBSERVADA A HORAS 1800

Días	ENE.	FEB.	MAR.	ABR.	MAY.	JUN.	JUL.	AGO.	SET.	OCT.	NOV.	DIC.
1	16.4	18.2	17.4	17.6	17.8	16.0	17.4	16.0	16.4	16.0	16.8	16.8
2	16.4	17.4	17.6	17.2	17.3	17.0	18.0	16.0	16.4	17.0	16.8	16.8
3	16.4	17.8	17.6	17.2	17.8	18.0	18.2	16.8	17.6	16.8	16.8	16.8
4	16.6	18.0	18.0	17.4	18.2	16.2	16.6	17.0	17.8	16.8	16.6	16.8
5	16.4	17.6	17.6	17.2	17.4	16.8	17.0	17.0	16.4	16.8	16.8	16.4
6	16.0	17.8	17.8	17.4	17.0	16.0	16.0	17.0	16.8	16.0	16.8	17.2
7	16.4	17.4	17.8	18.2	17.4	17.8	16.8	16.0	16.4	16.4	16.8	16.8
8	16.2	18.0	17.6	17.4	17.6	16.4	16.0	16.0	16.8	16.4	17.8	16.4
9	16.8	18.2	17.8	19.4	17.0	16.4	18.0	16.8	16.8	16.6	17.4	16.0
10	16.6	18.6	18.4	19.2	17.4	16.8	17.0	17.0	17.0	16.8	16.8	16.6
11	17.8	18.8	20.0	19.4	17.8	17.0	18.0	16.8	17.6	16.2	17.4	18.6
12	16.4	18.4	17.6	18.2	17.0	17.0	17.4	16.0	18.0	16.4	18.2	16.4
13	18.0	18.8	17.8	19.8	17.0	16.6	17.8	15.8	18.2	16.6	16.4	16.8
14	18.6	18.6	17.4	19.2	17.0	16.8	18.4	16.4	17.4	16.8	16.4	17.8
15	18.2	19.6	17.6	19.4	17.0	16.0	17.6	16.0	16.4	16.2	16.4	18.6
16	16.8	18.4	17.4	17.0	17.4	16.0	17.0	17.2	15.4	16.4	16.2	18.6
17	16.4	17.4	18.0	17.6	17.6	16.0	16.0	16.0	17.0	16.0	16.4	16.4
18	17.4	17.4	18.0	19.4	17.0	16.0	15.6	16.4	16.8	16.6	16.4	16.6
19	17.4	17.8	18.8	19.4	17.6	15.0	15.2	16.8	16.6	16.2	16.2	16.6
20	17.2	17.4	18.6	17.4	17.0	17.2	15.4	16.8	17.0	18.0	16.2	16.4
21	17.2	17.6	18.6	17.6	17.8	17.0	16.0	16.6	17.0	17.4	16.8	16.6
22	17.2	17.4	18.4	17.8	17.6	18.0	15.4	17.0	16.0	17.6	16.8	15.8
23	17.8	18.0	17.6	17.2	17.6	16.8	15.0	16.0	16.6	17.6	16.8	16.4
24	18.0	17.6	17.6	17.8	17.0	18.4	14.8	17.4	17.2	17.8	16.2	16.2
25	18.0	18.2	19.0	17.8	17.4	17.4	15.0	16.2	17.4	17.6	16.4	16.8
26	22.2	17.8	20.2	18.2	17.0	18.0	15.8	16.4	16.8	16.8	16.2	16.0
27	19.8	18.4	21.6	17.0	17.2	17.6	15.0	17.0	16.6	16.6	16.2	15.2
28	18.0	17.6	18.8	18.6	16.0	17.6	16.0	16.0	17.4	17.4	16.8	16.4
29	17.8	-	18.4	19.8	16.0	17.8	16.0	17.4	16.8	18.4	16.0	16.4
30	18.4	-	17.4	19.8	16.0	17.4	16.6	16.8	16.6	18.6	16.8	16.4
31	19.2	-	17.2	-	16.8	-	16.8	16.8	-	18.2	-	16.0
Prom. Mens.	17.4	18.0	18.1	18.2	16.9	16.9	16.1	16.5	16.9	16.9	16.6	16.7

PROMEDIO ANUAL : 17.1

TERCERA PARTE

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SONDAJES AEROLOGICOS EN TALARA Y PISCO

[illegible]

ENERO DE 194[illegible]

CANTIDAD DE OBSERVS	DD	SUPERF. 88 mts	500	1000	1500	2000	2500	3000	3500	4000	5000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
23	N	- -	- -	- -	7-16	9-16	2-11	- -	- -	- -	- -
	NE	- -	- -	2-13	4-13	6-14	3-26	3-17	2-20	1-29	3-[illegible]9
	E	- -	1-14	[illegible]	[illegible]	5-1[illegible]	11-[illegible]9	[illegible]	11-28	9-33	9-33
	SE	2-23	8-23	10-20	5-16	2-13	3-16	3-17	1-29	3-26	1-[illegible]4
	S	20-21	14-2[illegible]	6-17	[illegible]	- -	- -	1-22	[illegible]	1-7	1-22
	SW	1-7	- -	1-14	- -	- -	1-4	- -	1-14	2-14	- -
	W	- -	- -	- -	1-14	- -	- -	2-13	1-14	- -	- -
	NW	- -	- -	- -	- -	- -	1-14	- -	- -	1-7	1-7
	C	- -	- -	1	- -	1	- -	1	1	1	- -

FEBRERO DE 1947

CANTIDAD DE OBSERVS	DD	SUPERF. 88 mts.	500.	1000	1500	2000	2500	3000	3500	4000	5000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
17	N	- -	- -	- -	4-14	4-17	2-18	- -	- -	1-7	1-22
	NE	- -	- -	3-10	2-13	4-12	6-28	3-43	4-36	2-52	- -
	E	- -	1-7	3-8	- -	3-13	5-19	5-30	2-40	1-50	3-36
	SE	3-23	6-22	5-22	5-21	2-27	1-32	4-14	1-29	3-29	2-23
	S	12-19	7-20	4-22	3-18	2-18	- -	1-22	3-19	1-14	- -
	SW	1-14	1-7	- -	- -	1-22	1-14	- -	- -	- -	- -
	W	- -	- -	- -	- -	1-14	- -	- -	- -	- -	- -
	NW	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	C	1	2	2	2	1	1	- -	- -	1	- -

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

[illegible]

[illegible]

MARZO DE 1947

CANTIDAD DE OBSERVS	DD	SUPERF 88 mts	500	1000	1500	2000	2500	3000	3500	4000	5000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
22	N	- -	- -	- -	3-19	6-16	- -	2-11	1-14	1-[illegible]	- -
	NE	- -	- -	2-24	2-16	1- 7	7-15	2-32	2-18	1-22	1-43
	E	- -	1-29	5-10	1-11	3-20	7-29	13-33	12-37	24-35	10-34
	SE	3-22	11-19	4-17	5-13	4-11	2-22	2-23	3-29	- -	1-29
	S	17-21	10-19	7-15	4-14	4- 8	- -	- -	- -	- -	- -
	SW	- -	1- 7	2- 7	3-11	1-14	1- 7	- -	- -	- -	- -
	W	- -	1- 7	- -	3-14	3-10	2- 7	- -	- -	- -	- -
	NW	2- 7	- -	1-14	2- 9	1-14	- -	- -	- -	- -	- -
	C	2	- -	3	1	- -	1	- -	- -	- -	- -

ABRIL DE 1947

CANTIDAD DE OBSERVS	DD	SUPERF 88 mts	500	1000	1500	2000	2500	3000	3500	4000	5000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
24	N	- -	- -	2- 9	2-13	2-24	- -	- -	- -	- -	- -
	NE	- -	- -	1- 7	5-11	9-15	8-29	3-36	2-36	2-27	2-45
	E	- -	4-11	5-12	8- 9	7-18	12-26	16-30	15-32	12-37	8-30
	SE	2-18	5-22	8-13	4-13	3-18	2-25	3-28	1-29	2-29	1-13
	S	22-24	15-21	6-14	4- 9	2-11	- -	- -	- -	- -	- -
	SW	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	W	- -	- -	- -	1-22	- -	- -	- -	- -	- -	- -
	NW	- -	- -	1- 7	- -	- -	- -	- -	- -	- -	- -
	C	- -	- -	1	- -	- -	- -	- -	- -	- -	- -

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

JULIO DE 1947

CANTIDAD DE OBSERVS.	DD	SUPERF. 88 mts.	500	1000	1500	2000	2500	3000	3500	4000	5000
19	N	- -	- -	3-15	3-19	2-16	1-22	- -	- -	- -	- -
	NE	- -	- -	3-12	3-17	3-18	4-15	3-36	1-32	2-31	2-32
	E	- -	3-10	2-19	1-14	6-16	7-26	11-31	12-34	12-35	6-32
	SE	- -	9-19	4-11	6-10	2-22	2-29	1-36	1-22	- -	3-20
	S	19-27	6-21	4-10	2-11	- -	- -	- -	- -	- -	- -
	SW	- -	1- 7	1-14	1-14	1-14	1-14	- -	- -	- -	-
	W	- -	- -	- -	- -	1-14	1-14	- -	- -	- -	1-14
	NW	- -	- -	- -	1- 7	2-23	- -	- -	- -	- -	- -
	C	- -	- -	- -	1	1	- -	- -	- -	- -	- -

AGOSTO DE 1947

CANTIDAD DE OBSERVS.	DD	SUPERF. 88 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
41	N	- -	- -	4-16	7-22	2-23	1-32	1-14	- -	- -	- -
	NE	- -	- -	4-26	6-15	10-20	4-21	3-25	4-23	9-27	5-19
	E	- -	4-11	3-13	2-11	13-22	29-26	31-34	31-44	26-45	20-40
	SE	- -	9-19	5-17	5-16	6-15	5-19	5-26	5-26	3-25	8-19
	S	29-27	23-24	15-16	9-14	8-17	1-22	- -	- -	- -	- -
	SW	12-25	4-14	3-14	3-16	- -	- -	- -	- -	- -	- -
	W	- -	- -	2-11	1- 7	- -	- -	- -	- -	- -	- -
	NW	- -	- -	1-14	1- 7	- -	- -	- -	- -	- -	- -
	C	- -	1	5	6	1	- -	- -	- -	- -	- -

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

[illegible] SUPERIORES

[illegible]

MAYO DE 1947

CANTIDAD DE OBSERVS	DD	SUPERF. 30 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
18	N	- -	- -	- -	1- 7	4-12	1- 7	- -	- -	- -	-
	NE	- -	- -	1-18	2-14	2-22	5-14	3-25	- -	1-36	1-18
	E	- -	3-14	6-20	6- 9	8-16	9-26	10-30	3-36	8-33	5-24
	SE	1-22	6-26	3-16	3-12	1-22	- -	4-11	10-30	3-16	2-18
	S	17-26	4-23	2-18	2-22	1- 7	- -	- -	2-16	1-22	- -
	SW	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	W	- -	- -	1- 7	- -	- -	1-14	- -	- -	- -	- -
	NW	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	C	- -	5	5	4	2	2	1	- -	- -	- -

JUNIO DE 1947

CANTIDAD DE OBSERVS.	DD	SUPERF. 36 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
19	N	- -	- -	- -	2-25	3-14	- -	- -	- -	- -	- -
	NE	- -	- -	2-22	2-11	3-16	7-14	1-14	- -	1-29	5-20
	E	- -	3-13	3- 7	2-11	2-14	7-18	15-23	14-23	12-37	7-42
	SE	- -	10-22	6-20	4-15	2-23	3-20	1-29	2-25	1-29	1-32
	S	19-26	3-25	3-16	3-19	4-17	- -	- -	- -	1-36	- -
	SW	- -	- -	- -	- -	1-11	- -	- -	- -	- -	- -
	W	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	NW	- -	- -	- -	1- 4	- -	- -	- -	- -	- -	- -
	C	- -	3	5	4	3	- -	- -	1	1	1

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

[illegible] DE LOS VIENTOS SUPERIORES

P I S O

ENERO DE 1947

CANTIDAD DE OBSERVS.	DD	SUPERF 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
82	N	2-11	2-13	9-14	10-13	2-20	5-10	3-11	3-18	2-11	5-20
	NE	- -	7-10	5-11	7- 9	5-11	4-18	1-14	3-17	3-14	4-14
	E	- -	9-13	11-15	12-13	9-14	4-18	9-13	7-19	6-19	5-29
	SE	- -	14-16	10-15	11-15	13-17	16-15	10-18	11-15	14-17	7-26
	S	17-23	11-11	6-13	6- 8	1-14	4-11	2-13	2-14	2-16	4-17
	SW	43-22	23-14	4-13	1- 7	6-14	- -	2-14	1- 4	2-23	2- 9
	W	10-17	5-16	5-11	3-13	5-11	6-24	6-14	7-16	8-17	2-20
	NW	1-11	5-10	24-15	20-15	19-29	19-19	21-23	19-20	8-18	3-14
	C	9	4	6	6	5	2	2	2	1	2

FEBRERO DE 1947

CANTIDAD DE OBSERVS	DD	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
87	N	- -	3- 6	8- 8	6-13	8-13	9-12	4-11	5-19	5-17	5-22
	NE	- -	4-14	2- 5	4- 8	2- 9	1-11	1-11	- -	1-14	2-11
	E	- -	16-11	5- 9	4-13	8-13	5-17	6-11	7-16	10-18	5-16
	SE	- -	22-15	16-10	16-12	11-14	11-13	10-15	11-14	12-17	15-23
	S	12-16	3-13	6-12	3- 9	1- 4	4- 7	5-11	3-12	2-11	5-13
	SW	22-22	10-15	6- 7	3- 7	2-14	2-11	1- 7	- -	1- 4	1- 4
	W	16-23	2-14	5- 9	5-12	6-12	9-18	5-11	6-20	3-18	7-12
	NW	2- 9	4- 9	11-10	16-14	21-18	23-15	24-23	22-20	21-19	7-17
	C	15	2	5	8	5	1	5	5	5	3

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

[illegible] SUPERIORES

[illegible]

SETIEMBRE DE 1947

CANTIDAD DE OBSERVAC.	DD	SUPERF. 88 mts F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
40	N	- -	- -	3-14	11-17	10-11	1-29	- -	- -	- -	1-14
	NE	- -	1-11	3-17	6-11	9-18	6-26	2-43	2-38	8-30	8-28
	E	- -	1-14	9-13	3-13	3-22	21-24	29-34	33-34	21-34	18-25
	SE	- -	14-17	7-12	4-13	8-17	8-19	8-18	4-22	8-27	2-18
	S	25-26	20-27	9-17	6-14	2-11	2-13	- -	- -	- -	3-11
	SW	15-30	- -	3-19	4-10	3-12	- -	- -	- -	- -	- -
	W	- -	2- 9	- -	1- 7	- -	- -	- -	- -	- -	- -
	NW	- -	- -	- -	1- 7	2-16	- -	- -	- -	- -	- -
	C	- -	2	6	3	2	1	- -	- -	- -	- -

OCTUBRE DE 1947

CANTIDAD DE OBSERVAC.	DD	SUPERF. 88 mts F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
-	N	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	NE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	E	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	SE	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	S	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	SW	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	W	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	NW	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -
	C	- -	- -	- -	- -	- -	- -	- -	- -	- -	- -

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

[illegible]

[illegible]

MAYO DE 1947

CANTIDAD DE OBSERVS.	DD	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
39	N	- -	1-11	6-14	- -	1-14	2-14	1- 7	- -	2-13	3-22
	NE	- -	1-11	1-18	2-11	- -	3-14	- -	1- 7	3-12	3-18
	E	- -	9-25	- -	1-18	5-14	2-13	4- 8	5-11	10-14	4-16
	SE	- -	2- 9	6-11	8-18	6-14	12-22	15-18	14-20	6-19	4-19
	S	4- 9	9-12	5-11	4-11	2-16	2-18	4-14	2-13	2-14	2-16
	SW	16-19	3-14	2-14	3-11	2-11	2-13	1- 7	- -	1-11	1-18
	W	4-16	4-11	4-13	1-43	- -	3-13	1-11	3- 7	3-12	1-11
	NW	2-11	6- 9	9-20	18-25	18-20	9-18	7-19	6-19	3-22	5-27
	C	13	2	3	1	2	1	1	1	1	2

JUNIO DE 1947

CANTIDAD DE OBSERVS.	DD	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
33	N	1-18	2-14	2- 9	2-27	- -	2-11	2-20	- -	2-14	5-18
	NE	1- 4	2- 5	2-11	- -	2- 7	2- 9	2-13	2-13	1-11	- -
	E	- -	3-14	2-14	1-14	3-12	4-13	3-19	1-14	- -	2-14
	SE	- -	6-12	5-22	10-25	7-26	10-19	5-22	3-11	4-15	1-18
	S	2-32	5-14	3-11	2-13	2-34	- -	7-22	8-22	2- 9	- -
	SW	4- 9	4-27	1- 7	- -	2- 9	1- 7	2-13	3-18	2-16	1-14
	W	15-14	1-43	1-14	2-14	4-18	2-16	- -	3-14	7-15	3-41
	NW	- -	4-14	7-25	12-18	7-18	6-22	4-20	4-25	7-19	8-26
	C	10	1	4	1	2	1	- -	- -	1	1

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

[illegible]

P I S C O

MARZO DE 1947

CANTIDAD DE OBSERVS	ED	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
59	N	- -	5-15	6-9	6-10	3-8	4-15	3-13	4-15	3-12	5-11
	NE	- -	5-7	2-11	- -	2-7	- -	- -	7-11	4-14	8-18
	E	- -	14-14	8-8	6-10	3-11	3-10	4-13	5-9	15-15	7-16
	SE	- -	13-18	10-9	8-10	9-12	16-14	14-17	10-20	11-16	8-23
	S	16-11	3-12	2-7	2-7	3-11	1-4	2-11	2-16	1-11	- -
	SW	13-17	3-5	2-9	3-10	2-7	3-10	2-11	2-9	2-18	1-18
	W	7-13	2-9	3-11	5-15	1-11	3-8	7-13	2-18	2-11	4-16
	NW	- -	8-8	14-12	16-14	21-15	18-16	11-20	11-17	7-17	2-20
	C	23	2	6	8	9	4	8	6	2	4

ABRIL DE 1947

CANTIDAD DE OBSERVS	ED	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
53	N	3-29	3-12	5-8	7-7	1-4	4-9	- -	2-20	3-12	3-11
	NE	- -	7-11	3-7	2-11	2-5	1-7	1-18	4-9	- -	1-14
	E	- -	9-11	4-13	8-11	5-14	4-11	2-7	4-15	4-16	5-18
	SE	- -	8-8	10-9	7-11	6-11	6-15	7-18	5-16	6-18	3-23
	S	2-22	3-5	4-5	1-11	2-9	1-18	3-11	1-7	2-13	2-13
	SW	16-22	7-9	1-14	1-7	1-14	2-16	4-15	6-11	1-29	- -
	W	13-11	2-4	4-11	3-7	5-11	6-11	4-14	3-15	6-13	8-16
	NW	4-15	2-9	9-9	12-14	18-15	16-14	12-15	9-16	9-15	8-15
	C	15	4	2	3	4	2	6	6	6	4

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

[illegible]

P I S C O

SETIEMBRE DE 1947

ANTI-AD DE BSERVS.	DD	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
37	N	- -	3-11	7-16	3-24	- -	1-11	1- 4	- -	5-11	2-[illegible]2
	NE	- -	7-15	2- 7	- -	- -	- -	4-16	- -	2-25	- -
	E	- -	3-13	8-28	7-19	- -	- -	4-14	3-16	1-54	- -
	SE	- -	9-19	6-22	11-27	11-32	13-32	5-27	5-19	5-15	1-18
	S	5-22	2- 7	2-23	- -	5-20	4-25	2- 9	1-18	1-11	- -
	SW	20-21	2- 7	1- 7	3-18	2-16	4-20	5-13	2-14	2-22	1-14
	W	9-14	5-14	3-35	1-14	4-10	2-18	3-22	6-28	6-15	2-27
	NW	1-54	- -	3-22	8-23	11-23	6-24	3-27	6-17	2-18	7-24
	C	2	3	3	1	- -	2	1	2	- -	1

OCTUBRE DE 1947

ANTI-AD DE BSERVS.	DD	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
48	N	1-14	6-16	2-23	3-17	2-29	- -	4-23	3-13	2-20	3-26
	NE	- -	4-20	2-18	1-22	1-22	1-14	3-15	- -	1- 7	2-22
	E	- -	5-25	- -	4-22	3-20	2-18	4-15	2-34	5-22	5-33
	SE	- -	5-23	15-22	16-18	14-19	7-23	7-16	7-22	6-20	5-29
	S	8-14	7-15	3-16	2- 9	3-26	7-13	2-22	6-20	2-14	1-18
	SW	20-20	2- 9	- -	6-13	3- 9	2-20	2-22	2-23	3-14	- -
	W	12-11	4-24	- -	3-18	6-16	4-19	4-17	5-18	8-22	3-30
	NW	4-24	6-13	11-21	9-22	10-20	17-20	12-22	10-23	3-18	5-27
	C	3	2	1	3	3	3	2	3	1	2

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

JULIO DE 1947

CANTIDAD DE OBSERVA.	DD	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
45	N	3-11	5-24	5-22	7-19	2-11	2-36	1- 4	2-16	- -	4-34
	NE	1- 7	2- 9	4-11	- -	- -	- -	2-16	2-13	2-14	1-25
	E	1- 4	6-23	7-18	2- 7	3-19	1-18	2-20	1-14	1- 7	2-22
	SE	- -	8-16	8-18	11-23	9-27	10-30	9-23	7-21	5-12	3-29
	S	5-17	6-14	3-10	7-17	9-21	10-21	4-22	7-13	1- 7	- -
	SW	13-15	7-20	- -	3-10	7-15	7-17	4-16	7-24	8-14	3-23
	W	14-13	7-13	5-10	1-11	4-14	3-23	5-20	2-20	6-23	7-26
	NW	1-14	- -	7-23	11-22	5-28	10-22	12-29	9-26	11-36	6-31
	C	7	2	3	- -	4	- -	1	1	- -	- -

AGOSTO DE 1947

CANTIDAD DE OBSERVA.	DD	SUPERF. 6 mts. F - V	500 F - V	1000 F - V	1500 F - V	2000 F - V	2500 F - V	3000 F - V	3500 F - V	4000 F - V	5000 F - V
39	N	- -	4-17	2-22	3-14	1- 4	2-16	1-14	- -	2-13	2-32
	NE	1-11	1-11	2- 9	4-13	2-22	1-11	4- 9	- -	- -	1-14
	E	- -	5-19	8-20	1-11	1-18	1- 7	- -	1-14	1-22	- -
	SE	- -	3-19	7-24	12-21	12-24	12-20	6-26	5-24	5-24	1-14
	S	8-22	3-14	1-18	2-14	5-21	5-22	2-22	5-17	1-18	- -
	SW	9-15	7-17	- -	3-11	1-29	6-20	2-11	3-11	2-13	2-14
	W	15-13	6-11	3-12	4-13	4-25	4-14	6-14	7-17	9-20	4-26
	NW	2-16	4-11	11-26	7-26	9-21	4-20	8-17	6-19	5-24	5-22
	C	4	3	2	2	1	1	- -	1	1	- -

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

NOVIEMBRE DE 1947

ANTI-DAD DE OBSERVS	DD	SUPERF. 6 mts.	500	1000	1500	2000	2500	3000	3500	4000	5000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
63	N	1- 4	10-15	12-17	2-16	3-15	3-13	2-16	2-11	2-11	4-26
	NE	1-18	6-16	2-11	- -	2- 7	- -	1-18	2-11	5-14	2-18
	E	2- 7	10-24	4-32	5-22	5-12	2-20	6-15	5-18	7-19	2-18
	SE	- -	5-26	8-14	5-32	19-32	12-27	11-28	10-19	8-15	7-19
	S	10-14	8-13	3-22	4-14	3-15	8-15	9-19	6-15	3-15	3-18
	SW	19-20	4-11	3-10	7-10	1-11	5-13	5-14	8-14	5-21	3-13
	W	26-13	6-17	10-19	11-17	10-15	9-19	3-26	6-19	6-26	6-26
	NW	3-10	10-21	16-23	25-24	25-27	13-27	16-25	7-27	6-19	3-15
	C	2	2	3	2	4	2	- -	2	2	1

DICIEMBRE DE 1947

ANTI-AD DE OBSERVS.	DD	SUPERF. 6 mts.	500	1000	1500	2000	2500	3000	3500	4000	5000
		F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V	F - V
72	N	- -	3-22	9-18	9-18	3-20	7-11	1-11	4-15	- -	5-17
	NE	- -	5-15	5-12	3-11	2- 9	2-11	2-23	1-11	6-20	8-22
	E	1-11	1-11	6-18	9-26	5-24	7-21	5-15	5-14	7-18	7-26
	SE	- -	8-14	10-18	14-20	15-18	9-21	5-32	10-32	16-19	12-27
	S	24-23	7-16	4-16	5-12	6-17	6-19	6-17	9-19	7-19	3-14
	SW	18-20	11-13	10-15	4-17	6-12	4-17	5-22	6-16	4-14	- -
	W	25-13	9-14	4-18	7-18	7-19	11-18	8-22	8-20	4-26	5-23
	NW	3-18	21-17	19-20	17-20	25-21	22-26	22-29	13-26	12-29	10-23
	C	1	3	2	5	3	3	5	3	2	1

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