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SUBDIRECCION CLIMATOLOGIA Y MET. APLICADA**



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1990

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**SANTIAGO - CHILE
1991**

ANUARIO METEOROLOGICO

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EDITORIAL

La Dirección Meteorológica de Chile, como es tradicional, cumple con el compromiso de publicar los datos generados por la red de estaciones meteorológicas, los cuales son recopilados y procesados por esta Dirección, con la finalidad de proporcionar un resumen de las observaciones meteorológicas realizadas durante el año 1990.

La presente edición del ANUARIO METEOROLOGICO, pretende ser un aporte importante para la comunidad científica u organismos que requieren de este tipo de información.

**NATHAN MAKUC MUÑOZ
DIRECTOR**

CRONOLOGIA DEL SERVICIO METEOROLOGICO NACIONAL

- 24.OCT.1868 : Se establece la Oficina Central de Meteorología, dependiente de la Universidad de Chile.
- 1870 : Se publica en Santiago, el primer Anuario de la Oficina Central de Meteorología. Contení un resumen de las Observaciones Meteorológicas ejecutadas en el país durante el año 1869.
- 26.MAR.1884 : Se decreta oficialmente el establecimiento de un Servicio de Observaciones Meteorológicas simultáneas, efectuadas por los encargados de los registros meteorológicos, conforme a las instrucciones impartidas, y transmitidas vía telégrafo al Observatorio Nacional.
- 1910 : Se unifican las actividades meteorológicas y se crea el Instituto Central Meteorológico y Geofísico, cuyo Programa es mejorar el instrumental y aumentar el número de estaciones a fin de reunir elementos que permitan conocer el clima del país.
- 31.MAY.1928 : Se crea la Oficina Meteorológica de Chile, dependiente del Ministerio de Marina. Se le asigna el carácter de Organismo Oficial y Rector en materia de Meteorología Nacional.
- 1948 : Se dicta el Decreto que determina que la Institución queda bajo la tutela de la Fuerza Aérea de Chile.
- 09.MAY.1957 : La Oficina Meteorológica de Chile ingresa a la Organización Meteorológica Mundial.
- 08.MAY.1973 : Se dicta el Decreto que establece que la Oficina Meteorológica de Chile se denominará en lo sucesivo Dirección Meteorológica de Chile.
- 08.MAY.1973 : Se crea el Banco Nacional de Datos Meteorológicos, cuya función es la recopilación y difusión de toda la información meteorológica.
- 30.DIC.1990 : Se publica el Primer Anuario de la Dirección Meteorológica de Chile, obtenido íntegramente mediante sistemas computacionales.

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| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|----------------------------|---------------|--------------------|-----------------------|-------------------------|
| 7 | ARICA CHACALLUTA | I | 18°20' | 70°20' | 58 |
| 11 | IQUIQUE DIEGO ARACENA | I | 20°32' | 70°11' | 52 |
| 15 | ANTOFAGASTA CERRO MORENO | II | 23°26' | 70°26' | 135 |
| 19 | ISLA DE PASCUA MATAVERI | V | 27°09' | 109°25' | 51 |
| 23 | LA SERENA LA FLORIDA | IV | 29°54' | 71°12' | 142 |
| 27 | QUINTERO | V | 32°47' | 71°31' | 8 |
| 31 | SANTIAGO PUDAHEL | METROPOLITANA | 33°23' | 70°47' | 475 |
| 35 | SANTIAGO QUINTA NORMAL | METROPOLITANA | 33°26' | 70°41' | 520 |
| 39 | JUAN FERNANDEZ | V | 33°40' | 78°59' | 30 |
| 43 | CURICO GENERAL FREIRE | VII | 34°58' | 71°14' | 228 |
| 47 | CHILLAN B. O' HIGGINS | VIII | 36°34' | 72°02' | 124 |
| 51 | CONCEPCION CARRIEL SUR | VIII | 36°46' | 73°03' | 12 |
| 55 | TEMUCO MAQUEHUE | IX | 38°45' | 72°38' | 114 |
| 59 | VALDIVIA PICHROY | X | 39°37' | 73°05' | 19 |
| 63 | OSORNO CAÑAL BAJO | X | 40°36' | 73°03' | 65 |
| 67 | PUERTO MONTT EL TEPUAL | X | 41°25' | 73°05' | 85 |
| 71 | COYHAIQUE TENIENTE VIDAL | XI | 45°35' | 72°07' | 310 |
| 75 | BALMACEDA | XI | 45°55' | 71°41' | 520 |
| 79 | PUNTA ARENAS CARLOS IBAÑEZ | XII | 53°00' | 70°51' | 37 |
| 83 | C.M.A. EDUARDO FREI M. | XII | 62°25' | 58°53' | 10 |

AÑO: 1990

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 21.6 | 25.2 | 22.2 | 26.0 | 18.8 | 22.1 | 26.8 | R | 16.8 | 2 | 71 | 57 | 76 | . |
| FEBRERO | 20.7 | 24.9 | 22.0 | 25.9 | 18.4 | 21.7 | 28.0 | 2 | 11.7 | 21 | 75 | 57 | 75 | 252.6 |
| MARZO | 20.4 | 24.2 | 21.0 | 24.9 | 19.1 | 21.3 | 26.0 | 13 | 17.0 | 30 | 79 | 64 | 83 | 245.0 |
| ABRIL | 18.6 | 22.4 | 19.5 | 23.1 | 17.2 | 19.6 | 25.2 | 3 | 12.0 | 29 | 77 | 62 | 80 | 218.8 |
| MAYO | 15.9 | 19.8 | 17.1 | 20.5 | 14.3 | 16.9 | 22.2 | 26 | 10.2 | R | 81 | 66 | 82 | 171.8 |
| JUNIO | 14.7 | 17.8 | 15.7 | 18.4 | 13.7 | 15.6 | 20.4 | 2 | 9.8 | 20 | 81 | 67 | 80 | 137.5 |
| JULIO | 14.3 | 16.9 | 15.0 | 17.5 | 13.8 | 15.1 | 19.4 | 9 | 7.5 | 26 | 78 | 67 | 80 | 131.5 |
| AGOSTO | 14.4 | 16.8 | 14.8 | 17.3 | 14.1 | 15.1 | 18.7 | 26 | 11.2 | 6 | 81 | 69 | 80 | 110.7 |
| SEPTIEMBRE | 15.7 | 18.4 | 16.1 | 19.1 | 15.1 | 16.5 | 20.0 | R | 10.9 | 3 | 80 | 66 | 79 | 149.4 |
| OCTUBRE | 16.6 | 19.1 | 16.8 | 19.9 | 15.5 | 17.2 | 21.4 | 30 | 10.8 | 10 | 78 | 67 | 80 | 180.2 |
| NOVIEMBRE | 18.2 | 20.7 | 18.0 | 21.4 | 16.3 | 18.4 | 22.6 | 30 | 13.1 | 20 | 74 | 64 | 79 | 228.3 |
| DICIEMBRE | 20.3 | 23.0 | 20.0 | 24.0 | 18.0 | 20.5 | 27.0 | 31 | 14.1 | 18 | 72 | 62 | 75 | 221.0 |
| ANUAL | 17.6 | 20.7 | 18.2 | 21.5 | 16.2 | 18.3 | 28.0 | FEB | 7.5 | JUL | 77 | 64 | 79 | . |

| MES | PRESION | | VIENTO | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|--------------|------------|------------|-------------------|------------|------------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | | |
| ENERO | 1005.2 | 1012.0 | CALMA | SW 13 | S 4 | 3.5 | 1.9 | 2.9 | 0.0 | 0.0 | 6 | |
| FEBRERO | 1008.0 | 1014.7 | CALMA | S 15 | S 5 | 4.4 | 2.1 | 2.6 | - | - | - | |
| MARZO | 1006.7 | 1013.4 | CALMA | S 15 | S 5 | 5.4 | 2.1 | 4.2 | - | - | - | |
| ABRIL | 1007.8 | 1014.6 | CALMA | SW 11 | S 4 | 5.7 | 2.2 | 2.9 | - | - | - | |
| MAYO | 1008.5 | 1015.4 | CALMA | SW 10 | CALMA | 6.1 | 3.4 | 3.1 | - | - | - | |
| JUNIO | 1008.8 | 1015.7 | CALMA | SW 10 | CALMA | 7.2 | 3.3 | 4.3 | 0.0 | 0.0 | 9 | |
| JULIO | 1010.1 | 1017.0 | CALMA | SW 10 | S 5 | 7.5 | 3.7 | 5.3 | - | - | - | |
| AGOSTO | 1009.6 | 1016.5 | CALMA | SW 11 | SW 4 | 7.7 | 3.9 | 5.6 | 0.0 | 0.0 | 29 | |
| SEPTIEMBRE | 1008.9 | 1015.8 | CALMA | SW 12 | SW 6 | 7.6 | 3.6 | 4.4 | 0.0 | 0.0 | 23 | |
| OCTUBRE | 1009.7 | 1016.6 | S 4 | SW 13 | S 6 | 7.6 | 3.4 | 5.6 | 0.0 | 0.0 | 17 | |
| NOVIEMBRE | 1007.5 | 1014.3 | CALMA | SW 13 | SW 4 | 6.0 | 2.2 | 4.6 | 0.1 | 0.1 | 30 | |
| DICIEMBRE | 1006.7 | 1013.5 | CALMA | S 14 | S 5 | 5.5 | 3.6 | 4.9 | 0.4 | 0.2 | R | |
| ANUAL | 1008.1 | 1015.0 | CALMA | SW 12 | S 5 | 6.2 | 3.0 | 4.2 | 0.5 | 0.2 | DIC | |

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|---|----|---|----|---|----|---|-----|---|-----|----|----|---|----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | - | - | 3 | 4 | - | - | 5 | 3 | 22 | 8 | 36 | 10 | 3 | 4 | 2 | 4 | 22 | - |
| FEBRERO | 1 | 3 | 4 | 5 | 5 | 3 | 1 | 4 | 38 | 9 | 19 | 9 | 2 | 4 | 1 | 4 | 13 | - |
| MARZO | 4 | 4 | 5 | 4 | 4 | 3 | 2 | 3 | 39 | 9 | 22 | 11 | 4 | 3 | - | - | 13 | - |
| ABRIL | 2 | 3 | 2 | 3 | 10 | 4 | - | - | 17 | 6 | 30 | 10 | 1 | 2 | 5 | 2 | 23 | - |
| MAYO | 5 | 4 | 1 | 2 | 9 | 3 | 2 | 4 | 10 | 7 | 30 | 9 | - | - | 2 | 3 | 34 | - |
| JUNIO | 2 | 3 | 3 | 3 | 9 | 4 | 2 | 4 | 16 | 5 | 28 | 9 | 3 | 7 | 1 | 3 | 26 | - |
| JULIO | 3 | 3 | 1 | 2 | 9 | 4 | 1 | 3 | 17 | 5 | 37 | 9 | 6 | 3 | 2 | 3 | 17 | - |
| AGOSTO | 2 | 3 | 1 | 2 | 4 | 5 | 4 | 5 | 14 | 6 | 46 | 8 | 6 | 4 | 2 | 5 | 14 | - |
| SEPTIEMBRE | 2 | 5 | - | - | 4 | 5 | 3 | 3 | 22 | 6 | 44 | 9 | 3 | 4 | 2 | 3 | 10 | - |
| OCTUBRE | 4 | 4 | 2 | 3 | - | - | - | - | 36 | 7 | 38 | 10 | 2 | 9 | 4 | 4 | 7 | - |
| NOVIEMBRE | 2 | 4 | - | - | - | - | - | - | 15 | 8 | 52 | 8 | - | - | - | - | 21 | - |
| DICIEMBRE | 6 | 4 | 1 | 3 | - | - | 2 | 5 | 37 | 9 | 27 | 9 | 3 | 4 | 4 | 3 | 13 | - |
| ANUAL | 33 | 4 | 23 | 3 | 54 | 4 | 22 | 4 | 283 | 8 | 409 | 9 | 33 | 4 | 25 | 3 | 213 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|-------|--------|-------------------|-----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 28 | 5 | - | - | - | 1 | 14 |
| FEBRERO | - | 22 | 9 | - | - | - | 4 | 10 |
| MARZO | - | 14 | 11 | - | - | - | 7 | 8 |
| ABRIL | - | 1 | 3 | - | - | - | 6 | 10 |
| MAYO | - | - | - | - | - | - | 10 | 7 |
| JUNIO | - | - | - | - | - | - | 9 | 3 |
| JULIO | - | - | - | - | - | - | 14 | 1 |
| AGOSTO | - | - | - | - | - | - | 17 | 1 |
| SEPTIEMBRE | - | - | - | - | - | - | 12 | - |
| OCTUBRE | - | - | - | - | - | - | 19 | - |
| NOVIEMBRE | - | - | - | 1 | - | - | 5 | 4 |
| DICIEMBRE | - | 5 | 5 | 2 | - | - | 9 | 2 |
| ANUAL | - | 70 | 33 | 3 | - | - | 113 | 60 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|--------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|------------|------------------------|-----------|-----------|---------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 22.0 | 25.6 | 22.2 | 26.5 | 19.3 | 22.5 | 27.5 | R | 17.7 | 4 | 65 | 55 | 71 | 343.2 |
| FEBRERO | 20.3 | 24.9 | 21.3 | 25.7 | 18.1 | 21.3 | 28.0 | 3 | 16.3 | 21 | 69 | 55 | 73 | 272.7 |
| MARZO | 20.0 | 23.9 | 20.3 | 24.7 | 18.3 | 20.8 | 25.9 | 13 | 16.8 | 23 | 70 | 59 | 72 | 233.7 |
| ABRIL | 17.9 | 22.3 | 18.8 | 23.0 | 16.5 | 19.0 | 24.6 | R | 12.7 | 29 | 71 | 58 | 74 | 268.4 |
| MAYO | 15.7 | 19.8 | 16.7 | 20.4 | 14.5 | 16.8 | 23.3 | 26 | 12.4 | 5 | 76 | 65 | 77 | 201.3 |
| JUNIO | 14.3 | 18.6 | 15.5 | 19.4 | 13.6 | 15.7 | 22.0 | 11 | 11.8 | R | 78 | 63 | 78 | 195.7 |
| JULIO | 13.8 | 17.2 | 14.9 | 18.1 | 13.2 | 15.0 | 20.8 | 8 | 10.3 | 21 | 76 | 65 | 77 | 148.2 |
| AGOSTO | 14.1 | 17.7 | 15.0 | 18.7 | 13.6 | 15.3 | 20.4 | 11 | 10.2 | 3 | 74 | 64 | 76 | 174.2 |
| SEPTIEMBRE | 15.5 | 19.0 | 16.0 | 20.1 | 14.3 | 16.4 | 21.2 | 21 | 11.4 | 4 | 73 | 62 | 77 | 194.0 |
| OCTUBRE | 16.2 | 19.6 | 16.3 | 20.8 | 14.2 | 16.8 | 22.2 | R | 10.9 | 10 | 72 | 62 | 78 | 231.3 |
| NOVIEMBRE | 17.9 | 21.3 | 17.8 | 22.5 | 15.7 | 18.4 | 24.0 | R | 13.2 | 22 | 71 | 60 | 78 | 278.8 |
| DICIEMBRE | 20.2 | 23.4 | 19.8 | 24.6 | 16.9 | 20.3 | 27.4 | 30 | 13.0 | 13 | 71 | 58 | 75 | 254.1 |
| ANUAL | 17.3 | 21.1 | 17.9 | 22.0 | 15.7 | 18.2 | 28.0 | FEB | 10.2 | AGO | 72 | 60 | 75 | 2795.6 |

| MES | PRESION | | VIENTO | | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|----------|-----------|-----------|----------|----------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | | 14 hrs | | 20 hrs | | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 1004.9 | 1011.0 | S | 5 | SW | 13 | S | 11 | 2.7 | 1.2 | 2.7 | - | - | - |
| FEBRERO | 1007.7 | 1013.8 | S | 6 | SW | 12 | S | 11 | 3.1 | 1.4 | 1.8 | - | - | - |
| MARZO | 1006.5 | 1012.6 | S | 6 | SW | 12 | S | 10 | 4.2 | 3.0 | 3.7 | - | - | - |
| ABRIL | 1007.6 | 1013.7 | S | 5 | SW | 12 | S | 8 | 3.2 | 1.0 | 3.0 | - | - | - |
| MAYO | 1008.3 | 1014.4 | E | 6 | SW | 11 | S | 8 | 4.5 | 3.4 | 3.6 | - | - | - |
| JUNIO | 1008.7 | 1014.9 | S | 6 | SW | 13 | S | 8 | 5.6 | 3.0 | 6.3 | - | - | - |
| JULIO | 1010.3 | 1016.5 | SE | 6 | SW | 12 | S | 8 | 6.6 | 4.5 | 6.7 | - | - | - |
| AGOSTO | 1009.8 | 1016.0 | SE | 5 | SW | 13 | S | 8 | 7.2 | 3.7 | 6.2 | - | - | - |
| SEPTIEMBRE | 1009.2 | 1015.4 | E | 4 | SW | 13 | S | 9 | 7.0 | 3.1 | 5.6 | 0.0 | 0.0 | 8 |
| OCTUBRE | 1009.9 | 1016.1 | S | 5 | SW | 13 | S | 8 | 6.1 | 3.0 | 5.8 | - | - | - |
| NOVIEMBRE | 1007.7 | 1013.8 | S | 6 | SW | 14 | S | 9 | 5.8 | 2.5 | 5.8 | - | - | - |
| DICIEMBRE | 1007.1 | 1013.2 | S | 6 | SW | 13 | S | 10 | 4.8 | 3.3 | 5.9 | - | - | - |
| ANUAL | 1008.1 | 1014.3 | S | 6 | SW | 13 | S | 9 | 5.1 | 2.8 | 4.8 | 0.0 | 0.0 | SEP |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|---|----|---|----|---|----|---|-----|----|-----|----|----|---|----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | 1 | 2 | 1 | 3 | 2 | 6 | 4 | 5 | 53 | 10 | 27 | 12 | - | - | - | - | 5 | - |
| FEBRERO | 1 | 4 | - | - | 2 | 5 | 4 | 3 | 51 | 10 | 19 | 11 | 2 | 6 | - | - | 5 | - |
| MARZO | 1 | 2 | - | - | 4 | 7 | - | - | 57 | 9 | 23 | 11 | 3 | 7 | - | - | 5 | - |
| ABRIL | 2 | 3 | 2 | 3 | 6 | 6 | 4 | 5 | 44 | 8 | 22 | 12 | 5 | 9 | 2 | 3 | 3 | - |
| MAYO | 5 | 5 | 4 | 5 | 8 | 6 | 5 | 7 | 38 | 9 | 24 | 10 | 4 | 7 | 1 | 3 | 4 | - |
| JUNIO | 4 | 3 | 1 | 5 | 7 | 6 | 6 | 5 | 30 | 8 | 26 | 11 | 10 | 6 | 2 | 7 | 4 | - |
| JULIO | 6 | 8 | 1 | 3 | 5 | 8 | 10 | 6 | 29 | 8 | 21 | 10 | 16 | 7 | 3 | 3 | 2 | - |
| AGOSTO | 3 | 3 | 3 | 5 | 5 | 6 | 8 | 5 | 29 | 7 | 26 | 11 | 14 | 8 | 3 | 4 | 2 | - |
| SEPTIEMBRE | 6 | 4 | - | - | 9 | 4 | 7 | 6 | 24 | 10 | 28 | 10 | 13 | 8 | 2 | 4 | 1 | - |
| OCTUBRE | - | - | 1 | 3 | 3 | 2 | 5 | 6 | 41 | 8 | 36 | 11 | 4 | 9 | - | - | 3 | - |
| NOVIEMBRE | - | - | 1 | 1 | 1 | 7 | 2 | 8 | 40 | 8 | 42 | 11 | 3 | 8 | 1 | 1 | - | - |
| DICIEMBRE | - | - | - | - | - | - | - | - | 55 | 10 | 31 | 10 | 6 | 7 | - | - | 1 | - |
| ANUAL | 29 | 4 | 14 | 4 | 52 | 5 | 55 | 5 | 491 | 9 | 325 | 11 | 80 | 7 | 14 | 4 | 35 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|------------|----------------------|-------------|-------------|----------------------|-------|--------|-------------------|-------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 31 | 8 | - | - | - | 1 | 17 |
| FEBRERO | - | 19 | 3 | - | - | - | 3 | 17 |
| MARZO | - | 13 | 2 | - | - | - | 10 | 12 |
| ABRIL | - | - | - | - | - | - | 3 | 15 |
| MAYO | - | - | - | - | - | - | 12 | 12 |
| JUNIO | - | - | - | - | - | - | 9 | 3 |
| JULIO | - | - | - | - | - | - | 15 | - |
| AGOSTO | - | - | - | - | - | - | 16 | 1 |
| SEPTIEMBRE | - | - | - | - | - | - | 12 | - |
| OCTUBRE | - | - | - | - | - | - | 13 | 2 |
| NOVIEMBRE | - | - | - | - | - | - | 11 | 4 |
| DICIEMBRE | - | 10 | - | - | - | - | 9 | 2 |
| ANUAL | - | 73 | 13 | - | - | - | 114 | 85 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 20.1 | 23.1 | 20.2 | 24.1 | 17.6 | 20.5 | 25.9 | 12 | 15.9 | 24 | 80 | 63 | 80 | 306.9 |
| FEBRERO | 18.7 | 22.4 | 19.4 | 23.5 | 16.4 | 19.5 | 27.9 | 6 | 14.6 | 2 | 83 | 64 | 80 | 281.6 |
| MARZO | 17.4 | 21.0 | 17.9 | 21.8 | 15.6 | 18.1 | 23.2 | 12 | 13.9 | 23 | 84 | 67 | 84 | 261.1 |
| ABRIL | 16.0 | 20.0 | 17.2 | 20.9 | 14.7 | 17.2 | 25.2 | 11 | 9.9 | 28 | 84 | 66 | 83 | 274.4 |
| MAYO | 14.0 | 17.9 | 15.2 | 18.8 | 12.7 | 15.1 | 21.8 | 19 | 10.1 | 31 | 86 | 71 | 86 | 199.8 |
| JUNIO | 13.0 | 16.4 | 14.0 | 17.3 | 12.4 | 14.1 | 20.4 | 15 | 9.1 | R | 84 | 72 | 86 | 180.9 |
| JULIO | 12.1 | 15.6 | 13.5 | 16.6 | 11.5 | 13.4 | 19.4 | 27 | 7.4 | 20 | 82 | 73 | 85 | 171.2 |
| AGOSTO | 13.0 | 16.2 | 13.8 | 17.1 | 12.5 | 14.1 | 19.4 | 30 | 9.6 | 19 | 82 | 68 | 83 | 234.0 |
| SEPTIEMBRE | 14.5 | 17.3 | 14.8 | 18.3 | 13.6 | 15.3 | 21.4 | 8 | 9.5 | 29 | 80 | 68 | 82 | 230.1 |
| OCTUBRE | 14.8 | 17.2 | 14.8 | 18.2 | 13.3 | 15.2 | 19.0 | 28 | 9.2 | 10 | 78 | 68 | 82 | 243.9 |
| NOVIEMBRE | 16.5 | 19.0 | 16.2 | 19.8 | 15.0 | 16.8 | 21.3 | 27 | 13.2 | 13 | 76 | 63 | 79 | 265.0 |
| DICIEMBRE | 18.3 | 20.9 | 18.2 | 21.8 | 16.3 | 18.6 | 24.5 | 26 | 13.0 | 14 | 77 | 65 | 79 | 271.4 |
| ANUAL | 15.7 | 18.9 | 16.2 | 19.8 | 14.3 | 16.5 | 27.9 | FEB | 7.4 | JUL | 81 | 67 | 82 | 2920.3 |

NOMBRE ESTACION : ANTOFAGASTA CERRO MORENO

PAGINA : 16

| MES | PRESION | | VIENTO | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|-------------|-------------------|------------|------------|----------------------|---------------|----------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 997.9 | 1013.6 | S 4 | S 15 | S 10 | 3.2 | 2.5 | 3.4 | - | - | - |
| FEBRERO | 1000.6 | 1016.4 | S 3 | S 15 | S 10 | 2.5 | 1.8 | 2.8 | - | - | - |
| MARZO | 999.6 | 1015.4 | S 3 | S 14 | S 10 | 4.4 | 2.1 | 4.0 | - | - | - |
| ABRIL | 1000.4 | 1016.3 | CALMA | S 14 | S 9 | 4.2 | 1.7 | 3.6 | - | - | - |
| MAYO | 1000.9 | 1016.9 | NE 7 | S 12 | S 8 | 5.6 | 3.4 | 4.5 | 0.0 | 0.0 | - |
| JUNIO | 1001.3 | 1017.4 | N 5 | S 11 | S 9 | 5.9 | 2.3 | 6.2 | 0.0 | 0.0 | - |
| JULIO | 1002.9 | 1019.1 | S 8 | S 13 | S 8 | 5.5 | 2.6 | 6.5 | 0.0 | 0.0 | - |
| AGOSTO | 1002.3 | 1018.4 | N 5 | S 12 | S 9 | 6.5 | 2.0 | 5.9 | - | - | - |
| SEPTIEMBRE | 1001.7 | 1017.8 | S 7 | S 13 | S 10 | 6.1 | 3.1 | 6.3 | 0.0 | 0.0 | - |
| OCTUBRE | 1002.5 | 1018.6 | S 7 | S 16 | S 12 | 6.2 | 3.8 | 6.3 | 0.0 | 0.0 | - |
| NOVIEMBRE | 1000.3 | 1016.3 | S 7 | S 16 | S 11 | 6.3 | 3.0 | 6.1 | 0.0 | 0.0 | - |
| DICIEMBRE | 999.7 | 1015.6 | S 5 | S 15 | S 9 | 5.3 | 3.5 | 5.0 | 0.0 | 0.0 | - |
| ANUAL | 1000.8 | 1016.8 | S 6 | S 14 | S 10 | 5.2 | 2.7 | 5.1 | 0.0 | 0.0 | - |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|----|----|---|----|---|----|---|-----|----|----|---|----|---|----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | 2 | 4 | - | - | - | - | 5 | 2 | 76 | 11 | 5 | 7 | 2 | 2 | - | - | 3 | - |
| FEBRERO | 1 | 3 | 1 | 2 | - | - | 7 | 3 | 65 | 11 | 5 | 6 | 1 | 2 | - | - | 4 | - |
| MARZO | - | - | - | - | 4 | 4 | 6 | 4 | 71 | 10 | 5 | 8 | - | - | - | - | 7 | - |
| ABRIL | 2 | 6 | 2 | 2 | 7 | 4 | 9 | 5 | 58 | 11 | 2 | 5 | - | - | - | - | 10 | - |
| MAYO | 5 | 5 | 6 | 7 | 4 | 3 | 11 | 5 | 55 | 10 | 2 | 8 | 2 | 4 | 3 | 3 | 5 | - |
| JUNIO | 6 | 5 | 5 | 6 | 6 | 5 | 7 | 4 | 54 | 10 | 4 | 8 | 1 | 4 | 5 | 4 | 2 | - |
| JULIO | 6 | 10 | 5 | 5 | 7 | 4 | 3 | 3 | 64 | 10 | 5 | 6 | - | - | 1 | 2 | 2 | - |
| AGOSTO | 7 | 5 | 3 | 5 | 1 | 4 | 2 | 3 | 64 | 10 | 4 | 7 | 7 | 3 | 1 | 5 | 4 | - |
| SEPTIEMBRE | 7 | 6 | 1 | 3 | - | - | 1 | 4 | 63 | 11 | 9 | 8 | 2 | 3 | 4 | 4 | 3 | - |
| OCTUBRE | - | - | 1 | 3 | - | - | - | - | 76 | 12 | 12 | 9 | 1 | 4 | 1 | 8 | 2 | - |
| NOVIEMBRE | 1 | 3 | - | - | - | - | - | - | 76 | 12 | 8 | 7 | 2 | 3 | 1 | 4 | 2 | - |
| DICIEMBRE | 4 | 3 | - | - | - | - | - | - | 75 | 11 | 9 | 5 | 1 | 1 | 1 | 2 | 3 | - |
| ANUAL | 41 | 6 | 24 | 5 | 29 | 4 | 51 | 4 | 797 | 11 | 70 | 7 | 19 | 3 | 17 | 4 | 47 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|------------|----------------------|-------------|-------------|----------------------|-------|--------|-------------------|-------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 4 | - | - | - | - | 3 | 13 |
| FEBRERO | - | 1 | - | - | - | - | 1 | 16 |
| MARZO | - | - | - | - | - | - | 3 | 7 |
| ABRIL | - | 1 | - | - | - | - | 1 | 8 |
| MAYO | - | - | - | - | - | - | 12 | 6 |
| JUNIO | - | - | - | - | - | - | 7 | 2 |
| JULIO | - | - | - | - | - | - | 7 | 2 |
| AGOSTO | - | - | - | - | - | - | 9 | 2 |
| SEPTIEMBRE | - | - | - | - | - | - | 11 | 1 |
| OCTUBRE | - | - | - | - | - | - | 14 | 1 |
| NOVIEMBRE | - | - | - | - | - | - | 9 | 1 |
| DICIEMBRE | - | - | - | - | - | - | 7 | 1 |
| ANUAL | - | 6 | - | - | - | - | 84 | 60 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 22.9 | 25.0 | 21.9 | 25.8 | 20.1 | 22.6 | 27.6 | 16 | 16.2 | 15 | 78 | 69 | 83 | 278.8 |
| FEBRERO | 23.1 | 25.2 | 22.5 | 26.2 | 20.7 | 23.1 | 28.8 | 18 | 18.0 | R | 84 | 76 | 86 | 218.9 |
| MARZO | 23.4 | 25.3 | 22.4 | 26.4 | 20.6 | 23.2 | 28.3 | 11 | 18.7 | 21 | 84 | 76 | 85 | 230.9 |
| ABRIL | 22.0 | 25.1 | 21.2 | 25.9 | 19.3 | 22.1 | 28.2 | 11 | 14.6 | 18 | 84 | 70 | 86 | 233.0 |
| MAYO | 20.2 | 22.4 | 19.8 | 23.3 | 17.9 | 20.3 | 25.5 | 15 | 12.0 | 22 | 80 | 71 | 80 | 171.6 |
| JUNIO | 19.6 | 21.8 | 20.0 | 22.5 | 18.4 | 20.1 | 23.8 | 7 | 13.0 | 16 | 82 | 73 | 80 | 149.7 |
| JULIO | 17.6 | 20.4 | 17.6 | 21.3 | 16.2 | 18.1 | 23.4 | 1 | 12.4 | 28 | 83 | 74 | 85 | 155.3 |
| AGOSTO | 17.9 | 20.5 | 17.9 | 21.2 | 16.3 | 18.3 | 23.5 | 2 | 10.4 | 6 | 83 | 74 | 84 | 182.3 |
| SEPTIEMBRE | 19.5 | 21.8 | 18.7 | 22.5 | 16.7 | 19.3 | 24.2 | 28 | 10.0 | 14 | 82 | 74 | 85 | 221.7 |
| OCTUBRE | 19.9 | 22.0 | 18.4 | 23.0 | 16.6 | 19.4 | 25.2 | 16 | 13.0 | 30 | 75 | 65 | 83 | . |
| NOVIEMBRE | 20.5 | 22.6 | 19.0 | 23.7 | 17.2 | 20.1 | 26.5 | 28 | 15.1 | 23 | 75 | 64 | 83 | 234.6 |
| DICIEMBRE | 21.7 | 23.5 | 20.4 | 24.6 | 18.3 | 21.2 | 25.8 | 17 | 15.9 | 29 | 79 | 72 | 88 | 205.6 |
| ANUAL | 20.7 | 22.9 | 20.0 | 23.8 | 18.2 | 20.6 | 28.8 | FEB | 10.0 | SEP | 80 | 71 | 83 | . |

NOMBRE ESTACION : ISLA DE PASCUA MATAVERI

PAGINA : 20

| MES | PRESION | | VIENTO | | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|----------|----------|-----------|----------|----------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | | 14 hrs | | 20 hrs | | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 1014.1 | 1019.5 | E | 13 | SE | 14 | E | 11 | 4.4 | 4.5 | 4.6 | 69.7 | 21.4 | 29 |
| FEBRERO | 1011.9 | 1017.4 | SE | 10 | SE | 13 | SE | 7 | 5.1 | 4.7 | 4.3 | 110.3 | 43.6 | 26 |
| MARZO | 1013.4 | 1018.9 | E | 7 | E | 10 | E | 6 | 4.0 | 4.9 | 3.3 | 197.5 | 62.1 | 23 |
| ABRIL | 1012.3 | 1017.8 | E | 5 | E | 12 | E | 6 | 4.8 | 4.6 | 3.5 | 38.1 | 20.5 | 14 |
| MAYO | 1013.2 | 1018.7 | E | 9 | E | 13 | E | 8 | 5.3 | 5.7 | 4.7 | 198.3 | 78.4 | 28 |
| JUNIO | 1011.9 | 1017.4 | E | 9 | E | 13 | NW | 13 | 5.9 | 6.0 | 5.7 | 206.5 | 103.3 | 13 |
| JULIO | 1015.6 | 1021.2 | E | 7 | N | 8 | E | 6 | 5.3 | 5.5 | 4.9 | 181.1 | 74.5 | 14 |
| AGOSTO | 1013.5 | 1019.1 | E | 6 | NW | 15 | NW | 12 | 5.7 | 5.3 | 4.9 | 90.2 | 23.9 | 27 |
| SEPTIEMBRE | 1015.0 | 1020.6 | N | 8 | NW | 9 | NW | 8 | 4.5 | 4.4 | 5.2 | 66.4 | 20.3 | 19 |
| OCTUBRE | 1019.7 | 1025.3 | E | 11 | E | 15 | E | 8 | 4.9 | 5.4 | 4.5 | 18.0 | 6.3 | 23 |
| NOVIEMBRE | 1017.7 | 1023.2 | E | 12 | E | 15 | E | 9 | 5.5 | 5.2 | 4.6 | 32.7 | 11.6 | 14 |
| DICIEMBRE | 1014.2 | 1019.7 | E | 10 | E | 14 | E | 8 | 5.8 | 5.7 | 5.5 | 61.4 | 11.1 | 19 |
| ANUAL | 1014.4 | 1019.9 | E | 9 | E | 14 | E | 8 | 5.1 | 5.2 | 4.6 | 1270.2 | 103.3 | JUN |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|----|----|----|-----|----|-----|----|----|----|----|----|----|----|-----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | 2 | 6 | 2 | 8 | 50 | 13 | 28 | 11 | 3 | 7 | 2 | 2 | 1 | 8 | 5 | 6 | - | - |
| FEBRERO | 8 | 6 | 1 | 1 | 22 | 9 | 38 | 10 | 2 | 5 | 3 | 5 | 1 | 6 | 6 | 7 | 3 | - |
| MARZO | 10 | 9 | 5 | 6 | 40 | 7 | 19 | 9 | - | - | - | - | 9 | 7 | 6 | 12 | 4 | - |
| ABRIL | 11 | 7 | 3 | 8 | 41 | 7 | 6 | 6 | 6 | 7 | 5 | 9 | 10 | 11 | 8 | 11 | - | - |
| MAYO | 10 | 11 | 4 | 8 | 35 | 10 | 13 | 7 | 13 | 7 | 4 | 11 | 5 | 11 | 9 | 13 | - | - |
| JUNIO | 14 | 13 | 2 | 8 | 25 | 11 | 3 | 4 | 7 | 8 | 7 | 9 | 14 | 12 | 18 | 13 | - | - |
| JULIO | 15 | 8 | 5 | 4 | 25 | 8 | 15 | 6 | 8 | 10 | 2 | 16 | 7 | 15 | 16 | 10 | - | - |
| AGOSTO | 11 | 10 | 1 | 10 | 22 | 8 | 3 | 11 | 16 | 10 | 6 | 12 | 10 | 13 | 23 | 12 | 1 | - |
| SEPTIEMBRE | 23 | 9 | 3 | 5 | 11 | 5 | 5 | 10 | 4 | 7 | 5 | 6 | 11 | 11 | 26 | 8 | 2 | - |
| OCTUBRE | 7 | 9 | 26 | 8 | 41 | 11 | 12 | 11 | 3 | 10 | - | - | 1 | 8 | 2 | 14 | 1 | - |
| NOVIEMBRE | - | - | 2 | 10 | 71 | 12 | 15 | 11 | 1 | 6 | - | - | 1 | 7 | - | - | - | - |
| DICIEMBRE | 10 | 7 | 3 | 7 | 59 | 10 | 5 | 11 | 2 | 6 | 2 | 2 | 2 | 7 | 10 | 10 | - | - |
| ANUAL | 121 | 9 | 57 | 7 | 442 | 10 | 162 | 9 | 65 | 8 | 36 | 9 | 72 | 11 | 129 | 11 | 11 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|------------|-----------|-------------------|-----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 25 | 21 | 17 | 11 | 2 | 6 | 1 |
| FEBRERO | - | 26 | 22 | 18 | 10 | 3 | 8 | - |
| MARZO | - | 28 | 21 | 13 | 11 | 4 | 4 | 4 |
| ABRIL | - | 27 | 14 | 13 | 7 | 1 | 4 | 2 |
| MAYO | - | 4 | 6 | 17 | 11 | 4 | 12 | - |
| JUNIO | - | - | 5 | 21 | 13 | 6 | 14 | - |
| JULIO | - | - | 1 | 19 | 15 | 4 | 10 | - |
| AGOSTO | - | - | 2 | 19 | 8 | 4 | 10 | - |
| SEPTIEMBRE | - | - | - | 9 | 6 | 3 | 7 | 1 |
| OCTUBRE | - | 1 | - | 15 | 5 | - | 11 | 1 |
| NOVIEMBRE | - | 3 | - | 14 | 9 | 1 | 11 | 2 |
| DICIEMBRE | - | 11 | 5 | 15 | 10 | 2 | 15 | - |
| ANUAL | - | 125 | 97 | 190 | 116 | 34 | 112 | 11 |

AÑO: 1990

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|--------------|---------------------|-------------|-------------|-------------|-------------|-------------|-------------|----------|------------|------------|------------------------|-----------|-----------|---------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 15.9 | 20.2 | 16.6 | 21.0 | 13.3 | 16.7 | 23.1 | 16 | 10.0 | 18 | 85 | 63 | 80 | 241.9 |
| FEBRERO | 15.8 | 20.6 | 17.0 | 21.5 | 13.1 | 16.8 | 23.1 | 13 | 10.4 | 4 | 84 | 62 | 79 | 238.6 |
| MARZO | 13.9 | 18.3 | 15.0 | 19.0 | 12.3 | 15.0 | 21.3 | 1 | 10.0 | R | 87 | 67 | 82 | 155.9 |
| ABRIL | 12.2 | 17.5 | 14.1 | 18.2 | 11.1 | 13.9 | 20.8 | 19 | 6.7 | 27 | 87 | 66 | 85 | 179.4 |
| MAYO | 9.6 | 16.1 | 12.1 | 16.9 | 8.4 | 11.7 | 20.2 | 10 | 4.7 | 31 | 82 | 65 | 84 | 182.2 |
| JUNIO | 7.8 | 13.6 | 10.3 | 14.4 | 7.0 | 9.8 | 18.2 | 20 | 3.6 | 7 | 89 | 71 | 87 | 124.2 |
| JULIO | 7.8 | 13.9 | 10.3 | 14.6 | 7.0 | 9.9 | 22.6 | 2 | 4.3 | 28 | 84 | 68 | 85 | 167.1 |
| AGOSTO | 9.1 | 13.7 | 10.9 | 14.9 | 8.7 | 10.9 | 18.4 | 27 | 4.6 | 20 | 88 | 70 | 84 | 120.4 |
| SEPTIEMBRE | 10.2 | 15.9 | 11.8 | 16.9 | 8.6 | 11.8 | 20.8 | 8 | 4.8 | 12 | 83 | 64 | 82 | 171.5 |
| OCTUBRE | 11.5 | 15.7 | 12.4 | 16.4 | 9.1 | 12.3 | 19.2 | 11 | 5.3 | 8 | 82 | 63 | 79 | 200.3 |
| NOVIEMBRE | 12.9 | 17.0 | 13.3 | 17.7 | 10.9 | 13.7 | 19.2 | 30 | 7.7 | 8 | 84 | 63 | 81 | 186.3 |
| DICIEMBRE | 14.9 | 19.2 | 15.2 | 19.7 | 12.0 | 15.4 | 22.4 | 12 | 9.3 | 2 | 82 | 62 | 80 | 307.8 |
| ANUAL | 11.8 | 16.8 | 13.2 | 17.6 | 10.1 | 13.1 | 23.1 | R | 3.6 | JUN | 84 | 65 | 82 | 2275.6 |

| MES | PRESION | | VIENTO | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|-------------|------------|------------|-------------------|-------------|-------------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | | | |
| ENERO | 995.9 | 1012.6 | W 4 | W 11 | NW 8 | 6.0 | 3.0 | 2.3 | 0.1 | 0.1 | 25 | | |
| FEBRERO | 998.6 | 1015.3 | E 4 | W 12 | NW 7 | 4.9 | 2.9 | 2.5 | 0.0 | 0.0 | R | | |
| MARZO | 997.8 | 1014.6 | E 4 | W 10 | NW 4 | 6.9 | 4.1 | 3.4 | 0.2 | 0.2 | 16 | | |
| ABRIL | 998.5 | 1015.4 | E 5 | W 10 | NW 6 | 4.9 | 3.5 | 4.3 | 0.0 | 0.0 | R | | |
| MAYO | 999.0 | 1016.1 | E 4 | W 10 | CALMA | 4.0 | 3.6 | 3.4 | - | - | - | | |
| JUNIO | 999.4 | 1016.6 | E 4 | W 8 | SE 4 | 5.9 | 4.2 | 3.6 | 0.2 | 0.2 | 4 | | |
| JULIO | 1001.4 | 1018.6 | E 6 | W 8 | W 4 | 4.6 | 4.0 | 3.7 | 15.1 | 13.5 | 7 | | |
| AGOSTO | 1000.3 | 1017.5 | E 6 | W 9 | NW 5 | 6.0 | 5.3 | 5.5 | 0.6 | 0.5 | 31 | | |
| SEPTIEMBRE | 1000.2 | 1017.2 | E 3 | W 10 | W 4 | 4.8 | 4.3 | 3.8 | 0.5 | 0.5 | 5 | | |
| OCTUBRE | 1000.8 | 1017.9 | E 4 | W 10 | W 5 | 5.7 | 3.0 | 3.1 | 0.2 | 0.2 | 3 | | |
| NOVIEMBRE | 998.5 | 1015.5 | W 4 | W 11 | NW 6 | 6.8 | 3.3 | 4.0 | 0.5 | 0.3 | 16 | | |
| DICIEMBRE | 997.6 | 1014.4 | W 5 | W 12 | NW 8 | 4.8 | 2.1 | 2.0 | 0.1 | 0.1 | 29 | | |
| ANUAL | 999.0 | 1016.0 | E 4 | W 10 | NW 6 | 5.4 | 3.6 | 3.5 | 17.5 | 13.5 | JUL | | |

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|---|----|---|-----|---|----|---|----|---|----|----|-----|----|-----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | - | - | 1 | 2 | 2 | 4 | 1 | 1 | 2 | 2 | 1 | 4 | 54 | 8 | 27 | 8 | 5 | - |
| FEBRERO | 2 | 5 | 1 | 3 | 11 | 4 | 1 | 2 | - | - | 2 | 2 | 40 | 10 | 24 | 7 | 3 | - |
| MARZO | 4 | 2 | 1 | 2 | 11 | 4 | 4 | 2 | 3 | 1 | 1 | 2 | 42 | 9 | 22 | 5 | 5 | - |
| ABRIL | 3 | 3 | 1 | 4 | 11 | 5 | 9 | 3 | 3 | 4 | 3 | 3 | 33 | 9 | 19 | 6 | 8 | - |
| MAYO | 1 | 5 | 2 | 4 | 19 | 4 | 19 | 5 | 2 | 3 | 3 | 4 | 27 | 8 | 11 | 10 | 9 | - |
| JUNIO | 1 | 2 | 2 | 4 | 17 | 4 | 15 | 4 | 4 | 2 | 3 | 2 | 26 | 7 | 14 | 6 | 8 | - |
| JULIO | - | - | 4 | 5 | 17 | 6 | 12 | 6 | 1 | 4 | 3 | 3 | 31 | 6 | 15 | 7 | 10 | - |
| AGOSTO | 3 | 5 | 2 | 3 | 13 | 5 | 9 | 4 | 4 | 4 | 7 | 5 | 33 | 7 | 17 | 7 | 5 | - |
| SEPTIEMBRE | 4 | 9 | 2 | 3 | 13 | 4 | 7 | 4 | 3 | 3 | 1 | 10 | 28 | 7 | 26 | 8 | 6 | - |
| OCTUBRE | 2 | 7 | - | - | 10 | 4 | 4 | 3 | 1 | 2 | 1 | 1 | 44 | 8 | 24 | 7 | 7 | - |
| NOVIEMBRE | 2 | 4 | - | - | 1 | 3 | 1 | 2 | 1 | 7 | 2 | 5 | 48 | 7 | 32 | 8 | 3 | - |
| DICIEMBRE | 5 | 5 | 1 | 2 | 3 | 4 | - | - | - | - | 2 | 3 | 51 | 9 | 28 | 8 | 3 | - |
| ANUAL | 27 | 5 | 17 | 3 | 128 | 4 | 82 | 4 | 24 | 3 | 29 | 4 | 457 | 8 | 259 | 7 | 72 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|------------|----------------------|-------------|-------------|----------------------|-------|--------|-------------------|-------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | - | - | 1 | - | - | 4 | 7 |
| FEBRERO | - | - | - | - | - | - | 4 | 8 |
| MARZO | - | - | - | 1 | - | - | 11 | 5 |
| ABRIL | - | - | - | - | - | - | 10 | 8 |
| MAYO | - | - | - | - | - | - | 13 | 14 |
| JUNIO | - | - | - | 1 | - | - | 11 | 8 |
| JULIO | - | - | - | 4 | 2 | 1 | 12 | 12 |
| AGOSTO | - | - | - | 2 | - | - | 19 | 4 |
| SEPTIEMBRE | - | - | - | 1 | - | - | 13 | 9 |
| OCTUBRE | - | - | - | 1 | - | - | 8 | 8 |
| NOVIEMBRE | - | - | - | 3 | - | - | 9 | 5 |
| DICIEMBRE | - | - | - | 1 | - | - | 4 | 13 |
| ANUAL | - | - | - | 15 | 2 | 1 | 118 | 101 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | | | | |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| ENERO | 15.0 | 19.3 | 17.4 | 20.4 | 11.3 | 16.0 | 23.0 | 16 | 5.8 | 18 | 87 | 69 | 74 | 309.3 |
| FEBRERO | 14.2 | 19.5 | 17.0 | 20.6 | 11.4 | 15.8 | 23.7 | 21 | 5.7 | 2 | 88 | 68 | 77 | 204.5 |
| MARZO | 11.8 | 17.9 | 15.4 | 19.1 | 9.8 | 14.0 | 22.0 | 9 | 4.2 | 27 | 88 | 69 | 77 | 195.1 |
| ABRIL | 10.1 | 17.3 | 14.0 | 18.3 | 9.3 | 12.9 | 20.5 | 8 | 3.2 | 27 | 93 | 73 | 86 | 153.4 |
| MAYO | 7.0 | 15.8 | 12.5 | 16.7 | 6.1 | 10.5 | 20.4 | 21 | -0.7 | 28 | 94 | 72 | 85 | 179.8 |
| JUNIO | 6.1 | 13.5 | 10.9 | 14.6 | 4.7 | 9.0 | 17.6 | 2 | 0.2 | 8 | 94 | 77 | 89 | 132.0 |
| JULIO | 6.0 | 13.4 | 10.5 | 14.5 | 4.6 | 8.9 | 18.6 | 10 | -0.1 | 21 | 93 | 72 | 87 | 154.5 |
| AGOSTO | 8.7 | 13.6 | 11.4 | 14.5 | 7.2 | 10.4 | 19.6 | 2 | 2.7 | 21 | 96 | 78 | 91 | 101.9 |
| SEPTIEMBRE | 8.7 | 14.9 | 12.2 | 16.3 | 7.3 | 11.1 | 22.0 | 12 | 1.8 | 13 | 92 | 73 | 84 | 175.2 |
| OCTUBRE | 10.5 | 15.1 | 12.5 | 16.0 | 7.9 | 11.7 | 18.4 | 27 | 3.4 | 14 | 90 | 70 | 81 | 197.8 |
| NOVIEMBRE | 12.4 | 16.2 | 14.0 | 17.2 | 9.5 | 13.2 | 19.4 | 29 | 4.5 | 5 | 87 | 71 | 78 | 205.8 |
| DICIEMBRE | 13.9 | 18.1 | 15.6 | 19.2 | 9.1 | 14.4 | 21.8 | 23 | 5.4 | 1 | 85 | 67 | 76 | 303.5 |
| ANUAL | 10.3 | 16.2 | 13.6 | 17.3 | 8.2 | 12.3 | 23.7 | FEB | -0.7 | MAY | 90 | 71 | 82 | 2312.8 |

| MES | PRESION | | VIENTO | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|--------------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 1012.4 | 1013.4 | CALMA | SW 14 | SW 8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 22 |
| FEBRERO | 1015.2 | 1016.2 | CALMA | SW 10 | CALMA | 0.0 | 0.0 | 0.0 | - | - | - |
| MARZO | 982.1 | 983.1 | CALMA | SW 10 | CALMA | 0.0 | 0.0 | 0.0 | 14.2 | 13.9 | 29 |
| ABRIL | 1015.1 | 1016.1 | CALMA | SW 7 | CALMA | 0.0 | 0.0 | 0.0 | 0.1 | 0.1 | 1 |
| MAYO | 1016.4 | 1017.3 | CALMA | SW 7 | CALMA | 0.0 | 0.0 | 0.0 | 2.1 | 1.1 | 9 |
| JUNIO | 1016.5 | 1017.5 | CALMA | SW 7 | CALMA | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 | 22 |
| JULIO | 1018.9 | 1019.9 | CALMA | SW 6 | CALMA | 0.0 | 0.0 | 0.0 | 63.7 | 37.2 | 16 |
| AGOSTO | 1017.1 | 1018.1 | CALMA | SW 6 | CALMA | 0.0 | 0.0 | 0.0 | 8.8 | 4.1 | 30 |
| SEPTIEMBRE | 1017.7 | 1018.7 | CALMA | SW 9 | CALMA | 0.0 | 0.0 | 0.0 | 20.9 | 13.3 | 18 |
| OCTUBRE | 1017.8 | 1018.8 | CALMA | SW 9 | SW 6 | 0.0 | 0.0 | 0.0 | 15.6 | 15.6 | 10 |
| NOVIEMBRE | 1015.2 | 1016.1 | CALMA | SW 8 | SW 6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | R |
| DICIEMBRE | 1014.3 | 1015.2 | CALMA | SW 9 | SW 8 | 0.0 | 0.0 | 0.0 | - | - | - |
| ANUAL | 1013.2 | 1014.2 | CALMA | SW 9 | CALMA | 0.0 | 0.0 | 0.0 | 125.9 | 37.2 | JUL |

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|---|----|---|----|---|----|---|----|---|-----|----|----|---|---------------------------------|----|-----|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | 8 | 7 | 6 | 3 | - | - | - | - | 7 | 6 | 26 | 11 | 17 | 4 | 12 | 6 | 17 | - |
| FEBRERO | 7 | 6 | - | - | - | - | - | - | 3 | 4 | 29 | 9 | 8 | 7 | 2 | 6 | 35 | - |
| MARZO | 10 | 4 | 3 | 2 | - | - | - | - | 3 | 4 | 22 | 9 | 7 | 4 | 6 | 5 | 42 | - |
| ABRIL | 8 | 4 | 4 | 2 | - | - | - | - | 3 | 4 | 18 | 6 | 2 | 3 | 7 | 3 | 48 | - |
| MAYO | 8 | 6 | 3 | 2 | 1 | 1 | 3 | 1 | 11 | 4 | 25 | 6 | 1 | 2 | 2 | 5 | 39 | - |
| JUNIO | 11 | 5 | 2 | 2 | 2 | 2 | 1 | 1 | 5 | 3 | 21 | 6 | 3 | 4 | 4 | 3 | 41 | - |
| JULIO | 10 | 5 | 4 | 4 | 1 | 1 | - | - | 5 | 2 | 19 | 6 | 3 | 3 | 4 | 3 | 47 | - |
| AGOSTO | 14 | 5 | 3 | 5 | - | - | - | - | 4 | 2 | 24 | 6 | 2 | 3 | 4 | 2 | 42 | - |
| SEPTIEMBRE | 6 | 7 | 2 | 4 | 1 | 3 | - | - | 5 | 3 | 32 | 8 | 3 | 3 | 5 | 4 | 36 | - |
| OCTUBRE | 6 | 5 | 3 | 1 | 1 | 1 | 2 | 1 | 2 | 4 | 40 | 7 | 5 | 3 | 2 | 5 | 32 | - |
| NOVIEMBRE | 7 | 4 | 3 | 2 | - | - | - | - | 3 | 2 | 31 | 7 | 6 | 3 | 18 | 4 | 22 | - |
| DICIEMBRE | 8 | 4 | 3 | 3 | 1 | 4 | - | - | 2 | 2 | 43 | 8 | 9 | 4 | 4 | 3 | 23 | - |
| ANUAL | 103 | 5 | 36 | 3 | 7 | 2 | 6 | 1 | 53 | 4 | 330 | 8 | 66 | 4 | 70 | 4 | 424 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|-----------|----------|-------------------|------------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | - | - | - | - | - | - | 31 |
| FEBRERO | - | - | - | - | - | - | - | 28 |
| MARZO | - | - | - | 2 | 1 | 1 | - | 31 |
| ABRIL | - | - | - | 1 | - | - | - | 30 |
| MAYO | 2 | - | - | 4 | 1 | - | - | 31 |
| JUNIO | - | - | - | 1 | - | - | - | 30 |
| JULIO | 2 | - | - | 4 | 4 | 2 | - | 31 |
| AGOSTO | - | - | - | 6 | 2 | - | - | 31 |
| SEPTIEMBRE | - | - | - | 6 | 3 | 1 | - | 30 |
| OCTUBRE | - | - | - | 1 | 1 | 1 | - | 31 |
| NOVIEMBRE | - | - | - | - | - | - | - | 30 |
| DICIEMBRE | - | - | - | - | - | - | - | 31 |
| ANUAL | 4 | - | - | 25 | 12 | 5 | - | 365 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 17.0 | 30.3 | 23.2 | 31.5 | 10.4 | 20.5 | 35.1 | 25 | 6.1 | 18 | 68 | 33 | 43 | 384.0 |
| FEBRERO | 14.2 | 27.7 | 21.5 | 29.5 | 10.7 | 18.9 | 34.5 | 5 | 8.0 | 21 | 83 | 41 | 54 | 284.3 |
| MARZO | 10.7 | 26.5 | 19.3 | 27.8 | 7.6 | 16.3 | 32.4 | 10 | 3.5 | 27 | 86 | 35 | 53 | 279.8 |
| ABRIL | 8.3 | 21.5 | 15.3 | 22.6 | 7.2 | 13.3 | 30.6 | 11 | -0.6 | 29 | 93 | 51 | 71 | 196.2 |
| MAYO | 3.4 | 18.4 | 11.2 | 19.4 | 2.6 | 9.1 | 29.2 | 22 | -4.7 | 31 | 93 | 48 | 72 | 179.2 |
| JUNIO | 1.8 | 17.2 | 9.4 | 18.6 | 0.7 | 7.6 | 26.7 | 15 | -3.7 | 8 | 90 | 48 | 72 | 171.5 |
| JULIO | 1.0 | 14.3 | 7.9 | 15.8 | 0.0 | 6.1 | 26.9 | 29 | -4.3 | 19 | 95 | 59 | 79 | 164.8 |
| AGOSTO | 4.9 | 17.2 | 11.5 | 18.8 | 3.4 | 9.6 | 25.4 | 28 | -1.5 | 19 | 95 | 59 | 79 | 163.8 |
| SEPTIEMBRE | 7.9 | 17.5 | 12.4 | 19.0 | 5.1 | 11.1 | 29.6 | 30 | -2.0 | 13 | 93 | 59 | 78 | 164.7 |
| OCTUBRE | 10.2 | 20.8 | 14.5 | 22.2 | 6.3 | 13.3 | 28.4 | 19 | 1.2 | 12 | 90 | 49 | 69 | . |
| NOVIEMBRE | 13.9 | 26.2 | 18.2 | 27.3 | 7.5 | 16.7 | 34.7 | 27 | 2.6 | 14 | 76 | 35 | 53 | 313.1 |
| DICIEMBRE | 16.4 | 27.9 | 21.3 | 29.3 | 9.8 | 19.2 | 34.5 | 24 | 5.5 | 13 | 66 | 32 | 44 | 328.9 |
| ANUAL | 9.1 | 22.1 | 15.4 | 23.5 | 5.9 | 13.4 | 35.1 | ENE | -4.7 | MAY | 85 | 45 | 63 | . |

| MES | PRESION | | VIENTO | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|------------|------------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 946.3 | 999.4 | CALMA | S 11 | S 12 | 0.6 | 0.5 | 0.4 | - | - | - |
| FEBRERO | 959.4 | 1013.8 | CALMA | S 10 | S 10 | 2.7 | 1.8 | 1.9 | - | - | - |
| MARZO | 958.7 | 1013.4 | CALMA | S 9 | SE 7 | 1.8 | 2.1 | 1.6 | 6.0 | 6.0 | 29 |
| ABRIL | 959.7 | 1015.2 | CALMA | S 5 | SE 3 | 3.9 | 3.5 | 2.9 | 0.0 | 0.0 | R |
| MAYO | 961.8 | 1018.1 | NE 2 | S 4 | SE 3 | 4.0 | 4.1 | 3.7 | 2.6 | 2.6 | 9 |
| JUNIO | 962.2 | 1018.9 | CALMA | S 5 | SE 6 | 3.7 | 3.5 | 2.0 | 1.4 | 1.4 | 22 |
| JULIO | 964.2 | 1021.5 | CALMA | SE 7 | CALMA | 3.9 | 3.7 | 2.6 | 43.6 | 21.2 | 7 |
| AGOSTO | 962.2 | 1018.5 | CALMA | S 6 | SE 5 | 5.0 | 3.9 | 3.5 | 52.9 | 42.9 | 30 |
| SEPTIEMBRE | 962.9 | 1019.0 | NE 3 | S 5 | SE 7 | 5.3 | 4.6 | 3.5 | 8.7 | 6.5 | 18 |
| OCTUBRE | 962.1 | 1017.7 | CALMA | S 9 | S 7 | 4.7 | 3.5 | 3.0 | 18.2 | 16.4 | 10 |
| NOVIEMBRE | 959.3 | 1013.8 | CALMA | S 10 | S 10 | 2.8 | 2.0 | 2.2 | - | - | - |
| DICIEMBRE | 958.9 | 1012.9 | SE 4 | S 12 | S 10 | 2.4 | 2.7 | 2.4 | 0.0 | 0.0 | 10 |
| ANUAL | 959.8 | 1015.2 | CALMA | S 8 | S 8 | 3.4 | 3.0 | 2.5 | 133.4 | 42.9 | AGO |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|---|----|---|----|---|-----|----|-----|----|----|----|----|---|----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | 4 | 1 | 3 | 1 | 4 | 2 | 8 | 10 | 46 | 11 | 14 | 9 | 1 | 1 | 1 | 1 | 12 | - |
| FEBRERO | 2 | 2 | 4 | 1 | 2 | 2 | 18 | 7 | 44 | 9 | 3 | 11 | - | - | 3 | 2 | 8 | - |
| MARZO | 9 | 2 | 6 | 2 | 3 | 2 | 23 | 7 | 33 | 9 | 8 | 7 | - | - | 1 | 5 | 10 | - |
| ABRIL | 7 | 1 | 1 | 3 | 3 | 2 | 30 | 4 | 29 | 5 | 4 | 4 | 1 | 1 | - | - | 15 | - |
| MAYO | 7 | 1 | 11 | 2 | 2 | 1 | 18 | 3 | 24 | 3 | 6 | 3 | 2 | 1 | 5 | 1 | 18 | - |
| JUNIO | 8 | 3 | 7 | 3 | 1 | 3 | 14 | 5 | 25 | 5 | 4 | 2 | 10 | 2 | 4 | 2 | 17 | - |
| JULIO | 8 | 3 | 6 | 3 | 6 | 2 | 15 | 7 | 16 | 6 | 3 | 1 | 8 | 3 | 8 | 2 | 23 | - |
| AGOSTO | 5 | 4 | 4 | 3 | 4 | 3 | 22 | 5 | 23 | 5 | 3 | 3 | 3 | 2 | 8 | 2 | 21 | - |
| SEPTIEMBRE | 6 | 7 | 8 | 3 | 5 | 4 | 20 | 7 | 25 | 5 | 9 | 6 | 3 | 2 | 5 | 3 | 9 | - |
| OCTUBRE | 4 | 3 | 1 | 3 | 4 | 2 | 18 | 7 | 46 | 8 | 4 | 8 | 3 | 3 | 2 | 2 | 11 | - |
| NOVIEMBRE | 2 | 4 | 3 | 1 | 3 | 3 | 21 | 7 | 38 | 9 | 8 | 11 | 4 | 3 | 2 | 2 | 9 | - |
| DICIEMBRE | 3 | 2 | 3 | 2 | 5 | 3 | 23 | 8 | 41 | 10 | 10 | 9 | - | - | 3 | 2 | 5 | - |
| ANUAL | 65 | 3 | 57 | 2 | 42 | 2 | 230 | 6 | 390 | 8 | 76 | 7 | 35 | 2 | 42 | 2 | 158 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|-----------|----------|-------------------|------------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 31 | - | - | - | - | - | 28 |
| FEBRERO | - | 26 | - | - | - | - | 1 | 14 |
| MARZO | - | 26 | - | 1 | 1 | - | 2 | 17 |
| ABRIL | 1 | 10 | - | - | - | - | 10 | 13 |
| MAYO | 12 | 4 | - | 1 | 1 | - | 10 | 10 |
| JUNIO | 14 | 3 | - | 1 | 1 | - | 6 | 13 |
| JULIO | 20 | 2 | - | 3 | 3 | 2 | 6 | 11 |
| AGOSTO | 5 | 3 | - | 5 | 4 | 1 | 12 | 9 |
| SEPTIEMBRE | 3 | 3 | - | 6 | 1 | - | 13 | 8 |
| OCTUBRE | - | 9 | - | 2 | 2 | 1 | 10 | 11 |
| NOVIEMBRE | - | 24 | - | - | - | - | 3 | 15 |
| DICIEMBRE | - | 25 | - | - | - | - | 4 | 14 |
| ANUAL | 55 | 166 | - | 19 | 13 | 4 | 77 | 163 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 18.1 | 29.4 | 23.4 | 30.9 | 12.6 | 21.2 | 34.4 | 25 | 8.6 | 18 | 65 | 37 | 46 | 345.2 |
| FEBRERO | 15.2 | 26.6 | 21.4 | 28.5 | 12.2 | 19.3 | 33.5 | 5 | 10.2 | R | 77 | 45 | 57 | 254.9 |
| MARZO | 12.3 | 25.6 | 19.6 | 27.0 | 9.9 | 17.2 | 31.3 | 10 | 6.3 | 27 | 82 | 41 | 57 | 250.3 |
| ABRIL | 9.6 | 20.8 | 15.5 | 22.1 | 9.0 | 14.0 | 29.6 | 11 | 3.1 | 29 | 91 | 54 | 72 | 178.0 |
| MAYO | 5.3 | 18.1 | 11.5 | 19.1 | 4.9 | 10.2 | 28.4 | 22 | -1.6 | 31 | 91 | 48 | 70 | 155.0 |
| JUNIO | 4.4 | 17.1 | 10.4 | 18.6 | 3.9 | 9.3 | 26.9 | R | 0.2 | 6 | 87 | 47 | 70 | 135.9 |
| JULIO | 2.8 | 14.4 | 8.2 | 15.9 | 2.0 | 7.2 | 28.3 | 29 | -2.4 | 19 | 93 | 53 | 77 | 143.2 |
| AGOSTO | 6.6 | 17.3 | 11.7 | 18.8 | 5.7 | 10.7 | 25.4 | 3 | 1.3 | 19 | 92 | 54 | 74 | 148.1 |
| SEPTIEMBRE | 8.6 | 17.5 | 13.1 | 19.2 | 6.7 | 11.9 | 28.5 | 30 | 1.5 | 22 | 90 | 55 | 70 | 144.7 |
| OCTUBRE | 11.0 | 20.5 | 14.8 | 21.6 | 8.0 | 13.8 | 27.8 | 28 | 3.4 | 12 | 82 | 48 | 66 | 206.8 |
| NOVIEMBRE | 14.6 | 25.2 | 18.2 | 26.3 | 9.5 | 17.1 | 33.2 | 27 | 4.7 | 14 | 68 | 37 | 53 | 272.4 |
| DICIEMBRE | 17.0 | 27.0 | 21.3 | 28.4 | 11.8 | 19.6 | 33.2 | 24 | 7.5 | 13 | 60 | 34 | 43 | 294.1 |
| ANUAL | 10.4 | 21.6 | 15.7 | 23.0 | 8.0 | 14.3 | 34.4 | ENE | -2.4 | JUL | 81 | 46 | 62 | 2528.6 |

NOMBRE ESTACION : SANTIAGO QUINTA NORMAL

| MES | PRESION | | VIENTO | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|------------|------------|-------------------|------------|--------------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | | |
| ENERO | 951.5 | 1009.8 | CALMA | SW 8 | S 7 | 0.5 | 0.4 | 0.5 | - | - | - | |
| FEBRERO | 954.1 | 1013.1 | CALMA | S 6 | S 5 | 2.6 | 1.8 | 1.7 | - | - | - | |
| MARZO | 953.3 | 1012.7 | CALMA | SW 6 | S 4 | 1.5 | 1.9 | 1.4 | 11.9 | 11.9 | 29 | |
| ABRIL | 954.3 | 1014.6 | CALMA | SW 5 | S 4 | 3.9 | 3.5 | 2.8 | 1.1 | 1.0 | 23 | |
| MAYO | 956.2 | 1017.4 | CALMA | SW 4 | CALMA | 3.6 | 3.9 | 3.1 | 6.4 | 5.6 | 9 | |
| JUNIO | 956.3 | 1017.7 | CALMA | SW 3 | CALMA | 4.0 | 3.4 | 2.1 | 1.6 | 1.5 | 22 | |
| JULIO | 958.0 | 1019.9 | CALMA | SW 3 | CALMA | 3.7 | 3.8 | 2.6 | 75.1 | 44.0 | 7 | |
| AGOSTO | 956.1 | 1017.2 | CALMA | SW 3 | CALMA | 5.5 | 4.0 | 3.0 | 70.3 | 56.1 | 30 | |
| SEPTIEMBRE | 956.8 | 1017.7 | CALMA | SW 5 | SW 3 | 5.6 | 4.8 | 3.5 | 23.4 | 13.4 | 18 | |
| OCTUBRE | 956.0 | 1016.3 | CALMA | S 6 | S 4 | 4.5 | 3.8 | 2.8 | 15.7 | 13.6 | 10 | |
| NOVIEMBRE | 953.4 | 1012.7 | CALMA | SW 7 | S 4 | 2.7 | 1.9 | 2.2 | 0.0 | 0.0 | 2 | |
| DICIEMBRE | 953.1 | 1011.9 | CALMA | SW 7 | S 6 | 2.4 | 2.6 | 2.4 | 0.3 | 0.3 | 11 | |
| ANUAL | 954.9 | 1015.1 | CALMA | SW 5 | S 5 | 3.4 | 3.0 | 2.3 | 205.8 | 56.1 | AGO | |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|---|----|---|----|---|----|---|-----|---|-----|---|----|---|---------------------------------|----|-----|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | 1 | 2 | - | - | - | - | - | - | 33 | 7 | 29 | 8 | 1 | 4 | - | - | 29 | - |
| FEBRERO | - | - | - | - | - | - | 1 | 6 | 36 | 5 | 20 | 5 | - | - | 1 | 1 | 26 | - |
| MARZO | - | - | - | - | - | - | 4 | 4 | 34 | 4 | 22 | 5 | 1 | 5 | 1 | 2 | 31 | - |
| ABRIL | - | - | - | - | 1 | 1 | 2 | 3 | 31 | 4 | 17 | 5 | - | - | 1 | 1 | 38 | - |
| MAYO | 1 | 2 | 1 | 1 | 1 | 2 | 5 | 2 | 15 | 3 | 17 | 4 | 2 | 2 | 1 | 2 | 50 | - |
| JUNIO | 2 | 2 | - | - | 3 | 2 | 2 | 5 | 16 | 3 | 20 | 3 | 4 | 2 | 1 | 4 | 42 | - |
| JULIO | 4 | 2 | 2 | 2 | 3 | 3 | 5 | 3 | 15 | 3 | 18 | 3 | - | - | 1 | 8 | 45 | - |
| AGOSTO | 3 | 1 | - | - | 1 | 3 | 4 | 2 | 17 | 4 | 19 | 3 | 6 | 2 | 1 | 1 | 42 | - |
| SEPTIEMBRE | 2 | 4 | 3 | 1 | - | - | 6 | 3 | 18 | 3 | 21 | 4 | 2 | 2 | 2 | 1 | 36 | - |
| OCTUBRE | 3 | 3 | 1 | 2 | 2 | 1 | 4 | 4 | 43 | 5 | 16 | 4 | 3 | 2 | 1 | 1 | 20 | - |
| NOVIEMBRE | - | - | 1 | 1 | 1 | 1 | 6 | 4 | 36 | 5 | 22 | 6 | - | - | 1 | 1 | 23 | - |
| DICIEMBRE | 1 | 1 | - | - | - | - | 5 | 4 | 35 | 6 | 28 | 5 | 4 | 3 | - | - | 20 | - |
| ANUAL | 17 | 2 | 8 | 1 | 12 | 2 | 44 | 3 | 329 | 5 | 249 | 5 | 23 | 2 | 11 | 2 | 402 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|-----------|----------|-------------------|------------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 31 | - | - | - | - | - | 30 |
| FEBRERO | - | 24 | - | - | - | - | 1 | 14 |
| MARZO | - | 26 | - | 1 | 1 | 1 | 2 | 20 |
| ABRIL | - | 9 | - | 2 | 1 | - | 8 | 13 |
| MAYO | 2 | 3 | - | 3 | 1 | - | 10 | 15 |
| JUNIO | - | 3 | - | 2 | 1 | - | 8 | 13 |
| JULIO | 7 | 2 | - | 4 | 3 | 2 | 5 | 11 |
| AGOSTO | - | 3 | - | 4 | 4 | 1 | 12 | 8 |
| SEPTIEMBRE | - | 5 | - | 6 | 5 | 1 | 15 | 10 |
| OCTUBRE | - | 6 | - | 4 | 2 | 1 | 8 | 9 |
| NOVIEMBRE | - | 20 | - | - | - | - | 4 | 16 |
| DICIEMBRE | - | 25 | - | 1 | - | - | 4 | 16 |
| ANUAL | 9 | 157 | - | 27 | 18 | 6 | 77 | 175 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 18.2 | 20.6 | 18.8 | 21.4 | 16.8 | 18.8 | 25.4 | 15 | 13.0 | 29 | 74 | 68 | 73 | 210.2 |
| FEBRERO | 17.9 | 20.6 | 18.7 | 21.4 | 16.7 | 18.6 | 25.4 | 21 | 14.7 | 10 | 75 | 65 | 73 | 146.7 |
| MARZO | 17.4 | 19.9 | 18.0 | 20.9 | 16.6 | 18.2 | 23.7 | 11 | 13.4 | 30 | 73 | 65 | 74 | 174.3 |
| ABRIL | 15.6 | 18.1 | 16.4 | 18.9 | 14.7 | 16.4 | 23.2 | 9 | 11.1 | 11 | 78 | 72 | 78 | 105.7 |
| MAYO | 13.8 | 17.0 | 15.0 | 17.7 | 12.8 | 14.8 | 20.3 | R | 10.0 | 18 | 80 | 71 | 78 | 135.4 |
| JUNIO | 12.8 | 15.4 | 13.2 | 16.3 | 11.4 | 13.4 | 19.9 | 17 | 6.1 | 29 | 81 | 76 | 82 | 106.8 |
| JULIO | 12.0 | 14.5 | 12.5 | 15.3 | 10.8 | 12.6 | 18.1 | R | 8.1 | 16 | 81 | 77 | 82 | 102.7 |
| AGOSTO | 12.8 | 14.4 | 12.9 | 15.2 | 11.9 | 13.2 | 19.3 | 25 | 7.8 | 28 | 83 | 79 | 83 | 86.4 |
| SEPTIEMBRE | 12.3 | 15.0 | 13.2 | 15.8 | 11.2 | 13.1 | 19.4 | 30 | 6.8 | 14 | 78 | 71 | 77 | 160.7 |
| OCTUBRE | 12.8 | 14.8 | 13.1 | 15.8 | 11.6 | 13.3 | 18.4 | 26 | 7.0 | 10 | 75 | 70 | 73 | 155.3 |
| NOVIEMBRE | 13.4 | 15.5 | 13.8 | 16.3 | 12.4 | 13.9 | 19.5 | 27 | 10.1 | 14 | 76 | 70 | 74 | 169.8 |
| DICIEMBRE | 15.7 | 18.1 | 16.3 | 19.2 | 14.2 | 16.3 | 21.8 | 19 | 11.0 | 6 | 76 | 69 | 74 | 186.2 |
| ANUAL | 14.5 | 17.0 | 15.1 | 17.8 | 13.4 | 15.2 | 25.4 | R | 6.1 | JUN | 77 | 71 | 76 | 1740.2 |

| MES | PRESION | | VIENTO | | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|------------|--------------------------------|--------|--|--------|--------|--------|--------|--------|-------------------|------|-----|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | | | | |
| ENERO | 1015.3 | 1018.8 | SE 11 | SE 9 | SE 10 | 5.6 | 5.4 | 4.5 | 13.6 | 4.4 | 27 | | | |
| FEBRERO | 1015.7 | 1019.2 | S 12 | SE 7 | S 11 | 6.0 | 5.4 | 5.1 | 43.3 | 10.6 | R | | | |
| MARZO | 1016.0 | 1019.6 | SE 9 | SE 10 | SE 10 | 5.3 | 4.8 | 5.4 | 31.9 | 18.1 | 28 | | | |
| ABRIL | 1014.5 | 1018.1 | CALMA | SE 10 | S 7 | 5.9 | 5.9 | 5.6 | 93.1 | 17.4 | 6 | | | |
| MAYO | 1016.7 | 1020.3 | S 6 | S 8 | S 6 | 5.3 | 5.7 | 5.0 | 90.6 | 53.1 | 1 | | | |
| JUNIO | 1017.8 | 1021.4 | S 7 | S 5 | S 5 | 5.7 | 5.8 | 5.0 | 64.4 | 14.1 | 1 | | | |
| JULIO | 1018.3 | 1021.9 | S 7 | S 9 | S 8 | 5.9 | 6.0 | 4.8 | 138.4 | 39.7 | 5 | | | |
| AGOSTO | 1016.0 | 1019.6 | SE 9 | S 6 | SE 9 | 6.3 | 6.7 | 6.5 | 140.3 | 43.9 | 4 | | | |
| SEPTIEMBRE | 1016.8 | 1020.4 | S 7 | S 6 | SW 7 | 5.3 | 5.7 | 5.7 | 151.4 | 46.9 | 16 | | | |
| OCTUBRE | 1017.9 | 1021.5 | S 9 | S 8 | S 9 | 6.3 | 5.9 | 5.8 | 74.3 | 30.1 | 21 | | | |
| NOVIEMBRE | 1015.9 | 1019.5 | S 9 | S 8 | S 8 | 6.5 | 5.2 | 5.6 | 59.6 | 20.8 | 2 | | | |
| DICIEMBRE | 1015.0 | 1018.6 | S 7 | SE 8 | S 7 | 6.3 | 5.2 | 5.0 | 9.1 | 2.7 | 4 | | | |
| ANUAL | 1016.3 | 1019.9 | S 8 | S 8 | S 8 | 5.9 | 5.6 | 5.3 | 910.0 | 53.1 | MAY | | | |

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|----|----|---|----|----|-----|----|-----|----|----|---|-----|----|---------------------------------|----|-----|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | - | - | - | - | - | - | 42 | 10 | 28 | 13 | 1 | 3 | 7 | 5 | 1 | 6 | 14 | - |
| FEBRERO | - | - | - | - | - | - | 25 | 6 | 25 | 12 | 1 | 5 | 13 | 5 | 5 | 8 | 15 | - |
| MARZO | - | - | - | - | 1 | 5 | 49 | 10 | 24 | 7 | 1 | 4 | 4 | 11 | 1 | 8 | 13 | - |
| ABRIL | 1 | 7 | - | - | 2 | 8 | 21 | 9 | 25 | 7 | 5 | 6 | 12 | 9 | 7 | 6 | 17 | - |
| MAYO | 2 | 5 | - | - | 1 | 10 | 13 | 8 | 34 | 6 | 11 | 5 | 14 | 6 | 5 | 8 | 13 | - |
| JUNIO | - | - | - | - | - | - | 19 | 10 | 41 | 6 | 5 | 7 | 11 | 6 | 2 | 5 | 12 | - |
| JULIO | - | - | - | - | - | - | 16 | 9 | 34 | 8 | 11 | 5 | 12 | 7 | 5 | 8 | 15 | - |
| AGOSTO | 2 | 11 | - | - | 1 | 8 | 22 | 9 | 24 | 6 | 15 | 7 | 13 | 7 | 6 | 7 | 10 | - |
| SEPTIEMBRE | 1 | 10 | - | - | - | - | 16 | 8 | 25 | 6 | 24 | 5 | 12 | 7 | 3 | 7 | 9 | - |
| OCTUBRE | - | - | - | - | - | - | 17 | 9 | 50 | 8 | 7 | 5 | 5 | 7 | 2 | 6 | 12 | - |
| NOVIEMBRE | - | - | - | - | - | - | 18 | 9 | 55 | 8 | 4 | 5 | 6 | 7 | 2 | 12 | 5 | - |
| DICIEMBRE | - | - | - | - | - | - | 33 | 8 | 40 | 7 | 9 | 5 | 6 | 5 | - | - | 5 | - |
| ANUAL | 6 | 8 | - | - | 5 | 8 | 291 | 9 | 405 | 8 | 94 | 5 | 115 | 7 | 39 | 7 | 140 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|------------|-----------|-------------------|-----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 1 | - | 12 | 5 | - | 12 | 2 |
| FEBRERO | - | 1 | 2 | 15 | 8 | 3 | 13 | 1 |
| MARZO | - | - | - | 10 | 4 | 1 | 12 | - |
| ABRIL | - | - | 1 | 22 | 15 | 3 | 15 | - |
| MAYO | - | - | - | 17 | 11 | 1 | 15 | 1 |
| JUNIO | - | - | - | 19 | 11 | 2 | 15 | 2 |
| JULIO | - | - | - | 21 | 17 | 3 | 17 | 1 |
| AGOSTO | - | - | - | 16 | 11 | 3 | 22 | - |
| SEPTIEMBRE | - | - | - | 15 | 10 | 6 | 17 | 4 |
| OCTUBRE | - | - | - | 15 | 7 | 3 | 21 | 1 |
| NOVIEMBRE | - | - | - | 14 | 9 | 1 | 18 | 4 |
| DICIEMBRE | - | - | - | 12 | 4 | - | 15 | 1 |
| ANUAL | - | 2 | 3 | 188 | 112 | 26 | 192 | 17 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 15.8 | 27.3 | 24.2 | 29.8 | 11.6 | 20.3 | 33.2 | 25 | 5.4 | 17 | 74 | 42 | 46 | 391.8 |
| FEBRERO | 14.5 | 25.5 | 21.8 | 28.3 | 10.8 | 18.8 | 30.8 | 8 | 6.6 | 2 | 81 | 49 | 58 | 268.5 |
| MARZO | 10.8 | 23.3 | 18.6 | 25.5 | 7.8 | 15.6 | 31.4 | 10 | 2.9 | 27 | 85 | 46 | 59 | 276.5 |
| ABRIL | 9.3 | 18.2 | 13.9 | 19.9 | 7.6 | 12.6 | 26.6 | 8 | 1.0 | 29 | 95 | 65 | 84 | 153.2 |
| MAYO | 6.5 | 13.8 | 9.7 | 15.3 | 5.2 | 9.1 | 20.6 | 6 | -1.7 | 30 | 96 | 73 | 90 | 104.6 |
| JUNIO | 4.6 | 10.7 | 7.9 | 12.2 | 3.7 | 7.1 | 18.4 | 21 | -3.2 | 20 | 96 | 79 | 91 | 80.6 |
| JULIO | 3.9 | 9.8 | 7.1 | 11.4 | 2.9 | 6.3 | 17.6 | 29 | -4.4 | 21 | 95 | 80 | 91 | 77.3 |
| AGOSTO | 6.0 | 13.1 | 9.9 | 15.0 | 4.6 | 8.8 | 20.2 | 2 | -0.5 | 22 | 95 | 73 | 86 | 112.8 |
| SEPTIEMBRE | 7.7 | 15.0 | 11.9 | 16.8 | 6.1 | 10.6 | 24.0 | R | 1.6 | 28 | 94 | 68 | 82 | 133.2 |
| OCTUBRE | 9.4 | 18.0 | 13.4 | 19.6 | 6.6 | 12.2 | 25.0 | 20 | 0.8 | 11 | 90 | 59 | 77 | 202.3 |
| NOVIEMBRE | 12.0 | 22.7 | 18.1 | 24.5 | 8.0 | 15.6 | 32.0 | 16 | 0.3 | 4 | 81 | 47 | 61 | 277.8 |
| DICIEMBRE | 14.9 | 25.3 | 21.5 | 27.5 | 10.3 | 18.5 | 33.4 | 24 | 5.0 | 7 | 71 | 40 | 52 | . |
| ANUAL | 9.6 | 18.5 | 14.8 | 20.4 | 7.1 | 12.9 | 33.4 | DIC | -4.4 | JUL | 87 | 60 | 73 | . |

| MES | PRESION | | VIENTO | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|------------|--------------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 985.0 | 1010.9 | S 6 | S 7 | S 4 | 0.5 | 0.5 | 0.3 | 0.8 | 0.8 | 16 |
| FEBRERO | 987.6 | 1013.7 | CALMA | S 6 | W 6 | 3.3 | 2.0 | 1.6 | 0.2 | 0.2 | 22 |
| MARZO | 987.2 | 1013.6 | S 5 | S 6 | CALMA | 2.2 | 2.1 | 1.3 | 40.7 | 37.8 | 28 |
| ABRIL | 988.5 | 1015.2 | CALMA | S 6 | CALMA | 6.0 | 4.2 | 3.1 | 27.1 | 21.0 | 16 |
| MAYO | 991.1 | 1018.3 | CALMA | S 6 | CALMA | 7.1 | 4.3 | 4.0 | 27.3 | 24.0 | 9 |
| JUNIO | 991.5 | 1018.9 | CALMA | S 6 | S 5 | 6.2 | 5.2 | 4.9 | 32.6 | 15.4 | 2 |
| JULIO | 993.1 | 1020.6 | CALMA | S 5 | CALMA | 6.5 | 5.5 | 4.4 | 86.4 | 41.0 | 16 |
| AGOSTO | 990.9 | 1018.1 | CALMA | S 6 | CALMA | 6.8 | 5.4 | 3.8 | 40.2 | 13.1 | 29 |
| SEPTIEMBRE | 991.4 | 1018.4 | CALMA | S 7 | CALMA | 7.0 | 5.3 | 4.5 | 85.8 | 22.5 | 2 |
| OCTUBRE | 990.9 | 1017.7 | S 5 | S 5 | S 4 | 6.0 | 4.4 | 3.4 | 32.3 | 29.2 | 10 |
| NOVIEMBRE | 987.9 | 1014.3 | S 5 | S 7 | SW 5 | 3.6 | 2.7 | 2.4 | 15.2 | 15.0 | 3 |
| DICIEMBRE | 987.1 | 1013.2 | S 5 | S 6 | W 5 | 3.3 | 2.8 | 2.7 | 0.1 | 0.1 | 11 |
| ANUAL | 989.4 | 1016.1 | S 5 | S 6 | CALMA | 4.9 | 3.7 | 3.0 | 388.7 | 41.0 | JUL |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|---|----|---|----|---|----|---|-----|---|-----|---|----|---|---------------------------------|----|-----|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | 3 | 5 | 2 | 4 | - | - | 1 | 7 | 53 | 6 | 18 | 5 | 13 | 5 | - | - | 3 | - |
| FEBRERO | 2 | 5 | 9 | 5 | 1 | 2 | 3 | 5 | 22 | 5 | 10 | 5 | 11 | 5 | 3 | 3 | 23 | - |
| MARZO | 4 | 6 | 5 | 9 | - | - | 6 | 5 | 36 | 5 | 18 | 4 | 2 | 4 | - | - | 22 | - |
| ABRIL | 8 | 3 | 5 | 3 | - | - | 5 | 3 | 21 | 5 | 7 | 4 | 1 | 4 | 4 | 6 | 39 | - |
| MAYO | 6 | 5 | 5 | 4 | 4 | 5 | 2 | 4 | 27 | 5 | 11 | 3 | 1 | 3 | 1 | 6 | 36 | - |
| JUNIO | 6 | 4 | 7 | 4 | 2 | 4 | 2 | 4 | 35 | 5 | 9 | 7 | - | - | - | - | 29 | - |
| JULIO | 6 | 7 | 13 | 7 | 3 | 6 | 6 | 4 | 19 | 4 | 8 | 4 | 5 | 2 | 3 | 7 | 30 | - |
| AGOSTO | 8 | 5 | 11 | 7 | 5 | 4 | 3 | 4 | 28 | 5 | 10 | 5 | - | - | 1 | 12 | 27 | - |
| SEPTIEMBRE | 12 | 6 | 9 | 8 | 1 | 2 | 3 | 4 | 25 | 6 | 9 | 5 | 7 | 4 | 4 | 4 | 20 | - |
| OCTUBRE | 3 | 6 | 2 | 6 | 2 | 2 | 2 | 3 | 35 | 5 | 16 | 5 | 4 | 4 | 6 | 4 | 23 | - |
| NOVIEMBRE | 2 | 5 | - | - | - | - | - | - | 40 | 6 | 20 | 5 | 10 | 4 | 3 | 9 | 15 | - |
| DICIEMBRE | 1 | 4 | 5 | 4 | 2 | 3 | 1 | 4 | 38 | 5 | 15 | 5 | 14 | 5 | 5 | 4 | 12 | - |
| ANUAL | 61 | 5 | 73 | 6 | 20 | 4 | 34 | 4 | 379 | 5 | 151 | 5 | 68 | 5 | 30 | 5 | 279 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|-----------|-----------|-------------------|------------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 29 | - | 1 | - | - | - | 29 |
| FEBRERO | - | 24 | - | 1 | - | - | 2 | 15 |
| MARZO | - | 23 | - | 2 | 2 | 1 | 4 | 21 |
| ABRIL | - | 4 | - | 3 | 2 | 1 | 9 | 3 |
| MAYO | 2 | - | - | 7 | 2 | 1 | 12 | - |
| JUNIO | 6 | - | - | 6 | 3 | 2 | 14 | 4 |
| JULIO | 6 | - | - | 12 | 7 | 2 | 18 | 3 |
| AGOSTO | 2 | - | - | 10 | 5 | 2 | 14 | 4 |
| SEPTIEMBRE | - | - | - | 10 | 8 | 3 | 18 | 3 |
| OCTUBRE | - | 1 | - | 5 | 2 | 1 | 8 | 3 |
| NOVIEMBRE | - | 18 | - | 3 | 1 | 1 | 4 | 13 |
| DICIEMBRE | - | 23 | - | 1 | - | - | 6 | 12 |
| ANUAL | 16 | 122 | - | 61 | 32 | 14 | 109 | 110 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|--------------|---------------------|-------------|-------------|-------------|------------|-------------|-------------|------------|-------------|------------|------------------------|-----------|-----------|---------------|
| | MEDIA | | | | | | EXTREMA | | | | | | | |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| ENERO | 14.6 | 27.8 | 24.4 | 30.1 | 10.9 | 20.0 | 34.2 | 25 | 6.8 | R | 81 | 47 | 52 | 405.4 |
| FEBRERO | 13.3 | 26.8 | 22.2 | 29.4 | 9.7 | 18.6 | 36.0 | 6 | 3.8 | 26 | 83 | 51 | 58 | 282.8 |
| MARZO | 9.6 | 24.2 | 19.4 | 25.9 | 7.5 | 15.6 | 34.0 | 10 | 2.9 | 27 | 88 | 51 | 59 | 279.6 |
| ABRIL | 8.1 | 18.0 | 13.5 | 19.7 | 7.0 | 12.0 | 25.4 | 11 | 1.0 | 29 | 91 | 65 | 81 | 176.4 |
| MAYO | 5.3 | 14.4 | 9.6 | 15.7 | 4.0 | 8.6 | 19.6 | 18 | -1.9 | 30 | 90 | 70 | 86 | 149.9 |
| JUNIO | 4.1 | 11.8 | 7.9 | 12.8 | 3.4 | 7.0 | 17.4 | 15 | -3.1 | 20 | 91 | 75 | 86 | 122.1 |
| JULIO | 4.3 | 11.1 | 7.7 | 12.2 | 3.8 | 7.0 | 19.2 | 29 | -4.3 | 21 | 95 | 80 | 91 | 109.8 |
| AGOSTO | 6.0 | 14.1 | 10.1 | 15.4 | 5.2 | 9.1 | 21.2 | 22 | -2.1 | 31 | 95 | 74 | 88 | 165.4 |
| SEPTIEMBRE | 6.8 | 15.2 | 11.6 | 16.6 | 5.3 | 10.0 | 24.6 | 29 | -1.1 | 12 | 95 | 74 | 85 | 152.0 |
| OCTUBRE | 8.6 | 17.8 | 13.5 | 19.4 | 5.6 | 11.7 | 25.1 | 20 | 2.1 | R | 92 | 67 | 80 | 229.4 |
| NOVIEMBRE | 11.4 | 21.9 | 17.1 | 23.6 | 6.7 | 14.7 | 31.2 | 27 | 0.8 | 4 | 87 | 60 | 70 | 315.2 |
| DICIEMBRE | 14.1 | 25.5 | 21.0 | 27.6 | 8.8 | 17.8 | 36.4 | 28 | 2.8 | 2 | 83 | 54 | 63 | 329.7 |
| ANUAL | 8.8 | 19.0 | 14.8 | 20.7 | 6.5 | 12.6 | 36.4 | DIC | -4.3 | JUL | 89 | 64 | 74 | 2717.7 |

| MES | PRESION | | VIENTO | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|--------------|------------|------------|-------------------|--------------|-------------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | | | |
| ENERO | 994.2 | 1008.5 | S 10 | S 12 | SW 6 | 0.6 | 0.4 | 0.3 | 6.2 | 6.2 | 15 | | |
| FEBRERO | 996.2 | 1010.6 | S 8 | N 9 | S 8 | 3.1 | 1.9 | 1.4 | 22.0 | 17.2 | 27 | | |
| MARZO | 996.1 | 1010.6 | S 7 | S 11 | S 7 | 2.5 | 2.0 | 1.8 | 113.9 | 89.4 | 28 | | |
| ABRIL | 997.4 | 1012.3 | CALMA | N 8 | CALMA | 5.1 | 3.6 | 3.7 | 52.2 | 19.2 | 14 | | |
| MAYO | 1000.1 | 1015.2 | CALMA | S 10 | CALMA | 5.2 | 5.3 | 4.2 | 70.8 | 17.0 | 8 | | |
| JUNIO | 1000.7 | 1015.8 | CALMA | S 11 | CALMA | 4.7 | 5.1 | 3.7 | 81.6 | 43.4 | 1 | | |
| JULIO | 1001.9 | 1017.0 | CALMA | SW 7 | CALMA | 5.1 | 5.3 | 4.7 | 106.6 | 52.8 | 15 | | |
| AGOSTO | 999.8 | 1014.8 | CALMA | S 9 | CALMA | 5.8 | 4.1 | 3.6 | 96.6 | 34.6 | 6 | | |
| SEPTIEMBRE | 1000.0 | 1015.0 | CALMA | N 10 | N 7 | 5.3 | 5.5 | 4.7 | 164.6 | 36.3 | 20 | | |
| OCTUBRE | 999.9 | 1014.8 | SW 7 | S 11 | SW 5 | 4.8 | 3.9 | 3.3 | 54.9 | 42.4 | 10 | | |
| NOVIEMBRE | 997.0 | 1011.7 | S 8 | S 11 | W 6 | 2.2 | 2.4 | 1.6 | 25.1 | 20.5 | 3 | | |
| DICIEMBRE | 996.4 | 1010.8 | S 8 | W 7 | W 6 | 2.8 | 2.9 | 2.5 | - | - | - | | |
| ANUAL | 998.3 | 1013.1 | S 8 | S 10 | CALMA | 3.9 | 3.5 | 3.0 | 794.5 | 89.4 | MAR | | |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|----|----|----|----|---|----|---|-----|----|-----|---|----|---|---------------------------------|----|---|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | - | - | - | - | - | - | - | - | 46 | 11 | 28 | 9 | 12 | 6 | 2 | 4 | - | |
| FEBRERO | 16 | 8 | - | - | 1 | 5 | 1 | 4 | 25 | 8 | 16 | 6 | 6 | 6 | 6 | 6 | - | |
| MARZO | 10 | 11 | - | - | - | - | - | - | 47 | 8 | 11 | 6 | 7 | 5 | 1 | 6 | - | |
| ABRIL | 17 | 8 | 3 | 6 | 3 | 4 | - | - | 24 | 8 | 15 | 7 | - | - | 2 | 4 | - | |
| MAYO | 18 | 8 | 3 | 8 | 1 | 4 | - | - | 26 | 8 | 12 | 6 | - | - | 2 | 10 | - | |
| JUNIO | 17 | 9 | 1 | 5 | - | - | 1 | 5 | 20 | 10 | 14 | 8 | 3 | 6 | - | - | - | |
| JULIO | 11 | 9 | 11 | 12 | 4 | 6 | 1 | 5 | 13 | 9 | 17 | 7 | 2 | 3 | 1 | 8 | - | |
| AGOSTO | 15 | 10 | 11 | 8 | 3 | 4 | 2 | 5 | 18 | 9 | 21 | 7 | 1 | 4 | 1 | 7 | - | |
| SEPTIEMBRE | 23 | 8 | 7 | 8 | 3 | 5 | 1 | 8 | 13 | 8 | 19 | 7 | 9 | 6 | 3 | 5 | - | |
| OCTUBRE | 13 | 6 | 6 | 6 | - | - | 1 | 3 | 23 | 10 | 28 | 6 | 5 | 5 | 5 | 7 | - | |
| NOVIEMBRE | 6 | 9 | 4 | 7 | - | - | - | - | 38 | 9 | 21 | 7 | 12 | 5 | 1 | 5 | - | |
| DICIEMBRE | 6 | 7 | 3 | 6 | - | - | - | - | 24 | 8 | 26 | 7 | 26 | 6 | 2 | 4 | - | |
| ANUAL | 152 | 8 | 49 | 8 | 15 | 5 | 7 | 5 | 317 | 9 | 228 | 7 | 83 | 6 | 26 | 6 | - | |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|-----------|-----------|-------------------|------------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 29 | - | 1 | 1 | - | - | 29 |
| FEBRERO | - | 26 | - | 2 | 2 | 1 | 3 | 15 |
| MARZO | - | 23 | - | 3 | 3 | 2 | 7 | 21 |
| ABRIL | - | 2 | - | 7 | 6 | 2 | 10 | 8 |
| MAYO | 5 | - | - | 10 | 7 | 3 | 14 | 6 |
| JUNIO | 6 | - | - | 6 | 4 | 2 | 10 | 8 |
| JULIO | 5 | - | - | 16 | 11 | 2 | 16 | 8 |
| AGOSTO | 5 | - | - | 11 | 8 | 5 | 9 | 6 |
| SEPTIEMBRE | 1 | - | - | 17 | 16 | 6 | 14 | 6 |
| OCTUBRE | - | 1 | - | 4 | 3 | 2 | 7 | 9 |
| NOVIEMBRE | - | 13 | - | 3 | 3 | 1 | 5 | 21 |
| DICIEMBRE | - | 23 | - | - | - | - | 5 | 15 |
| ANUAL | 22 | 117 | - | 80 | 64 | 26 | 100 | 152 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | | | | |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| ENERO | 14.5 | 22.0 | 17.8 | 22.9 | 10.8 | 16.5 | 25.2 | 22 | 6.6 | R | 79 | 48 | 66 | 391.7 |
| FEBRERO | 13.8 | 19.8 | 16.6 | 21.1 | 11.5 | 15.7 | 26.4 | 5 | 7.0 | 3 | 87 | 60 | 79 | 228.8 |
| MARZO | 10.3 | 19.0 | 15.1 | 19.9 | 8.8 | 13.5 | 23.8 | R | 0.2 | 27 | 91 | 58 | 77 | 253.1 |
| ABRIL | 9.8 | 16.3 | 13.1 | 17.1 | 9.0 | 12.2 | 20.8 | 10 | 4.0 | 4 | 86 | 61 | 83 | 168.3 |
| MAYO | 8.2 | 14.5 | 11.1 | 15.1 | 7.2 | 10.4 | 18.4 | 7 | 2.0 | R | 91 | 71 | 85 | 165.1 |
| JUNIO | 6.7 | 12.7 | 9.5 | 13.2 | 5.4 | 8.7 | 17.4 | R | -1.4 | 19 | 90 | 74 | 90 | 135.1 |
| JULIO | 7.1 | 12.4 | 9.2 | 12.8 | 5.7 | 8.7 | 21.7 | 29 | 0.2 | R | 93 | 78 | 93 | 112.2 |
| AGOSTO | 7.7 | 13.3 | 10.4 | 13.9 | 6.6 | 9.6 | 18.6 | 22 | -2.5 | 31 | 94 | 77 | 92 | 164.3 |
| SEPTIEMBRE | 8.6 | 14.2 | 11.2 | 15.2 | 6.6 | 10.4 | 20.6 | 23 | 0.4 | 12 | 95 | 76 | 94 | 156.1 |
| OCTUBRE | 9.8 | 15.3 | 12.2 | 16.1 | 6.4 | 11.1 | 20.8 | 20 | -0.8 | 5 | 92 | 73 | 89 | 237.8 |
| NOVIEMBRE | 12.0 | 18.0 | 13.9 | 18.8 | 7.5 | 13.0 | 23.8 | 21 | 2.4 | 5 | 86 | 63 | 82 | 311.6 |
| DICIEMBRE | 14.3 | 19.4 | 15.8 | 20.8 | 9.8 | 15.1 | 25.7 | 28 | 5.8 | 6 | 81 | 64 | 80 | 298.5 |
| ANUAL | 10.2 | 16.4 | 13.0 | 17.2 | 7.9 | 12.1 | 26.4 | FEB | -2.5 | AGO | 88 | 66 | 84 | 2622.6 |

| MES | PRESION | | VIENTO | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|--------------|--------------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 1012.4 | 1013.8 | SW 7 | SW 18 | SW 17 | 1.1 | 0.6 | 0.9 | 6.4 | 6.4 | 15 |
| FEBRERO | 1014.2 | 1015.6 | N 6 | SW 16 | SW 15 | 4.6 | 3.8 | 3.6 | 32.7 | 17.9 | 22 |
| MARZO | 1013.8 | 1015.3 | SW 3 | SW 15 | SW 14 | 3.3 | 2.4 | 2.5 | 126.8 | 94.6 | 28 |
| ABRIL | 1014.7 | 1016.2 | SE 5 | SW 11 | SW 7 | 4.4 | 4.2 | 4.5 | 50.4 | 20.0 | 15 |
| MAYO | 1017.3 | 1018.8 | S 5 | SW 9 | N 12 | 4.6 | 4.8 | 4.3 | 97.3 | 27.0 | 8 |
| JUNIO | 1018.0 | 1019.5 | S 5 | SW 9 | SE 4 | 4.7 | 4.6 | 3.6 | 104.5 | 35.1 | 1 |
| JULIO | 1019.1 | 1020.6 | SE 4 | N 11 | S 5 | 5.3 | 5.4 | 5.2 | 98.1 | 21.0 | 15 |
| AGOSTO | 1017.0 | 1018.5 | S 4 | SW 12 | SW 8 | 4.9 | 4.9 | 4.8 | 134.6 | 58.3 | 6 |
| SEPTIEMBRE | 1017.1 | 1018.6 | S 5 | N 13 | N 11 | 5.3 | 5.3 | 4.7 | 114.8 | 26.8 | 19 |
| OCTUBRE | 1017.7 | 1019.2 | S 3 | SW 15 | SW 12 | 4.2 | 4.0 | 4.2 | 50.7 | 32.0 | 9 |
| NOVIEMBRE | 1015.2 | 1016.6 | SW 7 | SW 17 | SW 15 | 3.7 | 2.3 | 2.1 | 27.2 | 16.2 | 2 |
| DICIEMBRE | 1014.4 | 1015.8 | SW 8 | SW 17 | SW 15 | 3.9 | 3.5 | 2.9 | 4.5 | 2.9 | 8 |
| ANUAL | 1015.9 | 1017.4 | S 4 | SW 14 | SW 13 | 4.2 | 3.8 | 3.6 | 848.0 | 94.6 | MAR |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|----|----|---|----|---|----|---|-----|---|-----|----|----|----|----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | 4 | 10 | 1 | 7 | 1 | 3 | 3 | 4 | 7 | 4 | 71 | 15 | 3 | 6 | 2 | 5 | 1 | - |
| FEBRERO | 23 | 9 | 3 | 3 | 2 | 4 | 3 | 4 | 5 | 4 | 27 | 14 | 14 | 7 | 4 | 8 | 3 | - |
| MARZO | 12 | 13 | 1 | 4 | 5 | 2 | 2 | 3 | 13 | 3 | 50 | 13 | 5 | 9 | 2 | 6 | 3 | - |
| ABRIL | 22 | 11 | 2 | 3 | 5 | 3 | 14 | 5 | 19 | 5 | 22 | 9 | 3 | 8 | 2 | 5 | 1 | - |
| MAYO | 19 | 11 | 6 | 6 | 6 | 4 | 9 | 3 | 17 | 5 | 22 | 9 | 4 | 9 | 1 | 4 | 9 | - |
| JUNIO | 17 | 12 | 4 | 4 | 4 | 4 | 17 | 4 | 23 | 5 | 15 | 8 | 5 | 6 | 1 | 7 | 4 | - |
| JULIO | 24 | 11 | 5 | 5 | 5 | 4 | 15 | 4 | 20 | 5 | 13 | 7 | 1 | 10 | 4 | 9 | 6 | - |
| AGOSTO | 24 | 17 | 3 | 5 | 1 | 7 | 10 | 5 | 17 | 4 | 29 | 10 | 2 | 4 | 4 | 8 | 3 | - |
| SEPTIEMBRE | 28 | 12 | 4 | 6 | 5 | 5 | 6 | 4 | 10 | 5 | 19 | 12 | 9 | 9 | 5 | 12 | 4 | - |
| OCTUBRE | 23 | 11 | 4 | 4 | 5 | 4 | 6 | 4 | 10 | 6 | 33 | 13 | 6 | 8 | 6 | 7 | - | - |
| NOVIEMBRE | 8 | 11 | 4 | 5 | 1 | 4 | 4 | 5 | 5 | 9 | 53 | 14 | 8 | 8 | 4 | 7 | 3 | - |
| DICIEMBRE | 12 | 10 | 2 | 6 | - | - | 4 | 5 | 6 | 6 | 56 | 14 | 9 | 9 | 3 | 7 | 1 | - |
| ANUAL | 216 | 12 | 39 | 5 | 40 | 4 | 93 | 4 | 152 | 5 | 410 | 13 | 69 | 8 | 38 | 8 | 38 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|-----------|-----------|-------------------|------------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 1 | - | 1 | 1 | - | 1 | 26 |
| FEBRERO | - | 1 | - | 4 | 2 | 2 | 10 | 11 |
| MARZO | - | - | - | 4 | 3 | 2 | 8 | 18 |
| ABRIL | - | - | - | 8 | 6 | 1 | 11 | 8 |
| MAYO | - | - | - | 15 | 13 | 4 | 13 | 7 |
| JUNIO | 1 | - | - | 9 | 7 | 3 | 11 | 10 |
| JULIO | - | - | - | 14 | 8 | 5 | 19 | 5 |
| AGOSTO | 1 | - | - | 10 | 8 | 4 | 17 | 9 |
| SEPTIEMBRE | - | - | - | 14 | 9 | 5 | 15 | 6 |
| OCTUBRE | 1 | - | - | 6 | 4 | 2 | 12 | 10 |
| NOVIEMBRE | - | - | - | 6 | 4 | 1 | 5 | 14 |
| DICIEMBRE | - | 1 | - | 4 | 2 | - | 8 | 10 |
| ANUAL | 3 | 3 | - | 95 | 67 | 29 | 130 | 134 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 12.9 | 22.3 | 17.3 | 23.5 | 8.3 | 15.5 | 27.4 | 9 | 3.2 | 30 | 85 | 52 | 65 | 350.5 |
| FEBRERO | 12.7 | 23.2 | 17.8 | 25.1 | 10.2 | 16.4 | 36.2 | 6 | 3.6 | 2 | 89 | 53 | 68 | 216.6 |
| MARZO | 8.9 | 20.2 | 14.7 | 22.1 | 7.6 | 13.3 | 31.1 | 21 | 1.2 | 26 | 94 | 54 | 74 | 231.2 |
| ABRIL | 6.5 | 15.6 | 11.7 | 16.9 | 5.6 | 10.1 | 22.0 | 12 | -0.8 | 25 | 93 | 63 | 82 | 156.2 |
| MAYO | 6.5 | 12.5 | 9.5 | 13.7 | 5.5 | 8.8 | 18.6 | 12 | -0.8 | 21 | 94 | 75 | 89 | 91.5 |
| JUNIO | 4.9 | 10.2 | 7.5 | 11.4 | 3.9 | 6.9 | 13.6 | R | -3.0 | 28 | 93 | 78 | 90 | 77.7 |
| JULIO | 4.7 | 10.5 | 7.3 | 11.8 | 3.9 | 6.9 | 18.0 | 29 | -3.6 | 18 | 93 | 74 | 90 | 96.3 |
| AGOSTO | 6.0 | 13.0 | 9.7 | 14.3 | 5.0 | 8.7 | 22.4 | 22 | . | . | 92 | 68 | 85 | . |
| SEPTIEMBRE | 6.5 | 13.7 | 10.1 | 15.1 | 5.2 | 9.2 | 19.8 | 23 | -2.7 | 1 | 94 | 68 | 86 | 137.5 |
| OCTUBRE | 8.4 | 15.7 | 11.3 | 17.2 | 5.6 | 10.6 | 25.0 | 24 | -0.3 | 6 | 89 | 62 | 81 | 203.6 |
| NOVIEMBRE | 9.8 | 17.5 | 12.3 | 19.0 | 6.2 | 11.8 | 24.7 | 27 | 0.4 | R | 85 | 59 | 76 | 243.1 |
| DICIEMBRE | 12.5 | 20.9 | 15.9 | 22.1 | 8.5 | 14.7 | 35.4 | 28 | 4.2 | 6 | 81 | 52 | 67 | 274.4 |
| ANUAL | 8.3 | 16.2 | 12.1 | 17.6 | 6.3 | 11.0 | 36.2 | FEB | . | . | 90 | 63 | 79 | . |

| MES | PRESION | | VIENTO | | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|------------|------------|------------|------------|-------------------|-------------|------------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | | | | |
| ENERO | 1004.1 | 1017.6 | W 3 | SW 7 | W 8 | 2.8 | 2.3 | 1.6 | 11.2 | 8.2 | 15 | | | |
| FEBRERO | 1004.6 | 1018.1 | W 4 | SW 6 | W 8 | 5.9 | 3.1 | 1.8 | 50.4 | 22.4 | 27 | | | |
| MARZO | 1005.0 | 1018.7 | CALMA | SW 5 | W 6 | 5.0 | 2.9 | 2.6 | 87.8 | 52.8 | 27 | | | |
| ABRIL | 1005.3 | 1019.1 | CALMA | W 5 | W 4 | 4.6 | 4.7 | 4.8 | 71.0 | 22.5 | 15 | | | |
| MAYO | 1007.2 | 1021.2 | E 5 | N 8 | NE 5 | 5.7 | 6.0 | 5.3 | 202.6 | 34.9 | 8 | | | |
| JUNIO | 1008.1 | 1022.2 | NE 7 | N 10 | NE 4 | 5.2 | 5.8 | 4.8 | 146.5 | 30.0 | 20 | | | |
| JULIO | 1009.1 | 1023.2 | NE 6 | N 7 | N 11 | 5.4 | 5.0 | 4.8 | 100.8 | 22.3 | 23 | | | |
| AGOSTO | 1007.0 | 1021.0 | N 9 | N 10 | W 5 | 5.3 | 5.1 | 5.1 | 80.8 | 16.2 | 1 | | | |
| SEPTIEMBRE | 1007.0 | 1020.9 | CALMA | SW 6 | W 6 | 6.2 | 5.8 | 4.9 | 153.8 | 33.8 | 7 | | | |
| OCTUBRE | 1007.9 | 1021.7 | NE 6 | SW 9 | W 6 | 4.8 | 4.5 | 3.9 | 89.5 | 56.1 | 9 | | | |
| NOVIEMBRE | 1006.2 | 1019.9 | SW 6 | SW 9 | W 9 | 4.7 | 4.0 | 3.2 | 44.6 | 14.0 | 2 | | | |
| DICIEMBRE | 1005.0 | 1018.5 | CALMA | SW 9 | SW 7 | 4.8 | 3.8 | 3.3 | 16.8 | 5.3 | 1 | | | |
| ANUAL | 1006.4 | 1020.2 | NE 6 | SW 7 | W 7 | 5.0 | 4.4 | 3.9 | 1055.8 | 56.1 | OCT | | | |

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|----|-----|----|----|---|----|---|----|---|-----|---|-----|---|----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | - | - | 4 | 4 | 5 | 5 | - | - | 6 | 7 | 35 | 6 | 37 | 7 | 6 | 9 | - | - |
| FEBRERO | 8 | 5 | 2 | 10 | 5 | 3 | 1 | 1 | 3 | 2 | 20 | 5 | 31 | 7 | 8 | 7 | 6 | - |
| MARZO | 4 | 11 | 8 | 5 | 4 | 2 | - | - | 7 | 6 | 21 | 5 | 26 | 5 | 13 | 7 | 10 | - |
| ABRIL | 10 | 11 | 7 | 4 | 11 | 3 | 3 | 5 | 8 | 5 | 10 | 3 | 23 | 4 | 4 | 6 | 13 | 1 |
| MAYO | 16 | 7 | 16 | 6 | 18 | 4 | 4 | 2 | 7 | 3 | 3 | 4 | 10 | 6 | 12 | 5 | 7 | - |
| JUNIO | 17 | 8 | 22 | 5 | 11 | 4 | 1 | 1 | 6 | 4 | 8 | 2 | 14 | 4 | 4 | 4 | 7 | - |
| JULIO | 15 | 9 | 25 | 6 | 18 | 4 | 3 | 4 | 7 | 3 | 6 | 4 | 7 | 3 | 3 | 2 | 9 | - |
| AGOSTO | 24 | 10 | 7 | 6 | - | - | - | - | 14 | 5 | 14 | 6 | 14 | 6 | 3 | 5 | 17 | - |
| SEPTIEMBRE | 16 | 10 | 16 | 7 | 1 | 3 | - | - | 3 | 7 | 14 | 6 | 18 | 8 | 9 | 8 | 13 | - |
| OCTUBRE | 6 | 9 | 10 | 6 | 4 | 5 | 4 | 5 | 9 | 4 | 18 | 7 | 19 | 6 | 14 | 7 | 9 | - |
| NOVIEMBRE | 2 | 11 | 3 | 8 | 1 | 5 | 1 | 7 | 5 | 6 | 37 | 8 | 25 | 7 | 10 | 7 | 6 | - |
| DICIEMBRE | 3 | 7 | 2 | 6 | - | - | 2 | 3 | 7 | 5 | 43 | 8 | 19 | 9 | 7 | 7 | 10 | - |
| ANUAL | 121 | 9 | 122 | 6 | 78 | 4 | 19 | 3 | 82 | 5 | 229 | 6 | 243 | 6 | 93 | 7 | 107 | 1 |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|------------|----------------------|-------------|-------------|----------------------|-------|--------|-------------------|-------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 11 | - | 5 | 3 | - | 1 | 16 |
| FEBRERO | - | 11 | - | 4 | 4 | 3 | 6 | 7 |
| MARZO | - | 5 | - | 5 | 5 | 2 | 6 | 8 |
| ABRIL | 3 | - | - | 9 | 8 | 3 | . | . |
| MAYO | 4 | - | - | 22 | 19 | 7 | 14 | 1 |
| JUNIO | 4 | - | - | 16 | 13 | 5 | 15 | 3 |
| JULIO | 7 | - | - | 14 | 12 | 4 | 15 | 4 |
| AGOSTO | . | - | . | 16 | 11 | 4 | 20 | 6 |
| SEPTIEMBRE | 4 | - | - | 18 | 15 | 5 | 17 | 2 |
| OCTUBRE | 2 | 1 | - | 12 | 7 | 2 | 12 | 8 |
| NOVIEMBRE | - | - | - | 9 | 7 | 1 | 9 | 8 |
| DICIEMBRE | - | 8 | - | 8 | 6 | - | 7 | 7 |
| ANUAL | . | 36 | . | 138 | 110 | 36 | . | . |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|--------------|---------------------|-------------|-------------|-------------|------------|-------------|-------------|------------|-------------|------------|------------------------|-----------|-----------|---------------|
| | MEDIA | | | | | | EXTREMA | | | | | | | |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| ENERO | 13.3 | 21.2 | 18.6 | 22.7 | 8.7 | 15.8 | 29.9 | 9 | 3.4 | 17 | 85 | 56 | 64 | 298.7 |
| FEBRERO | 12.3 | 21.4 | 18.8 | 23.8 | 9.1 | 16.0 | 32.4 | 6 | 2.2 | 2 | 93 | 58 | 67 | 237.7 |
| MARZO | 8.7 | 18.7 | 15.8 | 20.7 | 6.7 | 12.9 | 27.0 | 10 | 0.0 | 26 | 94 | 62 | 74 | 223.8 |
| ABRIL | 7.2 | 14.8 | 11.0 | 16.1 | 6.3 | 10.1 | 20.0 | 8 | -0.5 | 17 | 96 | 72 | 86 | 132.6 |
| MAYO | 7.0 | 11.2 | 8.7 | 12.6 | 6.0 | 8.5 | 17.6 | 12 | -0.8 | 21 | 96 | 85 | 93 | 59.3 |
| JUNIO | 5.2 | 9.1 | 6.9 | 10.6 | 4.0 | 6.6 | 15.6 | 9 | -3.2 | 19 | 95 | 87 | 91 | 59.9 |
| JULIO | 4.8 | 9.4 | 7.2 | 10.7 | 3.9 | 6.6 | 13.4 | R | -2.8 | 18 | 94 | 82 | 92 | 69.5 |
| AGOSTO | 6.4 | 12.0 | 9.7 | 13.4 | 5.6 | 8.7 | 20.0 | 22 | -3.6 | 31 | 94 | 74 | 86 | 112.1 |
| SEPTIEMBRE | 5.6 | 13.0 | 10.5 | 14.7 | 4.4 | 8.8 | 19.1 | 24 | -3.4 | 1 | 93 | 68 | 81 | 139.4 |
| OCTUBRE | 8.3 | 15.1 | 11.8 | 16.5 | 4.9 | 10.3 | 25.2 | 24 | -0.4 | 6 | 89 | 61 | 74 | 192.9 |
| NOVIEMBRE | 9.9 | 17.0 | 14.0 | 18.4 | 5.8 | 12.0 | 25.8 | 27 | -1.0 | 4 | 84 | 54 | 65 | 238.4 |
| DICIEMBRE | 12.6 | 19.3 | 16.4 | 21.0 | 7.4 | 14.3 | 32.2 | 28 | 2.4 | 11 | 80 | 51 | 65 | 271.2 |
| ANUAL | 8.4 | 15.2 | 12.4 | 16.7 | 6.1 | 10.9 | 32.4 | FEB | -3.6 | AGO | 91 | 67 | 78 | 2035.5 |

| MES | PRESION | | VIENTO | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|--------------|--------------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 1012.4 | 1014.7 | CALMA | S 8 | SW 7 | 3.8 | 3.4 | 2.3 | 24.4 | 14.3 | 26 |
| FEBRERO | 1013.1 | 1015.4 | CALMA | CALMA | CALMA | 4.4 | 3.3 | 2.1 | 72.4 | 30.5 | 27 |
| MARZO | 1013.4 | 1015.6 | CALMA | CALMA | SW 4 | 4.2 | 3.3 | 2.4 | 129.8 | 85.3 | 27 |
| ABRIL | 1013.7 | 1016.0 | CALMA | S 7 | CALMA | 6.2 | 5.6 | 4.3 | 154.5 | 74.5 | 8 |
| MAYO | 1015.0 | 1017.3 | CALMA | NE 6 | CALMA | 7.0 | 6.6 | 5.0 | 352.6 | 77.4 | 31 |
| JUNIO | 1016.3 | 1018.7 | CALMA | CALMA | CALMA | 6.9 | 6.5 | 4.8 | 170.2 | 39.5 | 20 |
| JULIO | 1017.5 | 1019.8 | CALMA | CALMA | CALMA | 6.8 | 6.2 | 5.5 | 176.4 | 31.2 | 31 |
| AGOSTO | 1015.3 | 1017.7 | CALMA | CALMA | CALMA | 6.4 | 5.3 | 4.9 | 239.8 | 58.5 | 1 |
| SEPTIEMBRE | 1015.0 | 1017.3 | CALMA | NW 12 | NW 10 | 5.0 | 5.6 | 5.4 | 266.5 | 66.1 | 7 |
| OCTUBRE | 1016.2 | 1018.5 | CALMA | W 9 | S 7 | 5.3 | 4.5 | 3.3 | 84.5 | 18.7 | 9 |
| NOVIEMBRE | 1014.5 | 1016.8 | CALMA | W 12 | S 8 | 4.7 | 3.5 | 3.3 | 62.6 | 13.3 | 12 |
| DICIEMBRE | 1013.1 | 1015.4 | CALMA | W 11 | SW 6 | 3.9 | 3.8 | 3.1 | 30.5 | 8.0 | 7 |
| ANUAL | 1014.6 | 1016.9 | CALMA | CALMA | CALMA | 5.4 | 4.8 | 3.9 | 1764.2 | 85.3 | MAR |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|----|-----|---|----|---|----|---|-----|---|----|----|-----|----|---------------------------------|----|-----|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | 4 | 7 | 3 | 6 | - | - | 5 | 5 | 22 | 7 | 19 | 7 | 12 | 8 | 8 | 10 | 20 | - |
| FEBRERO | 4 | 6 | 1 | 6 | 2 | 5 | 3 | 6 | 9 | 8 | 7 | 6 | 5 | 7 | 7 | 9 | 46 | - |
| MARZO | 6 | 10 | 2 | 4 | 3 | 3 | 2 | 3 | 15 | 6 | 14 | 5 | 7 | 12 | 2 | 10 | 42 | - |
| ABRIL | 5 | 12 | 6 | 4 | 3 | 5 | 1 | 2 | 13 | 6 | 6 | 4 | 5 | 4 | 12 | 11 | 39 | - |
| MAYO | 12 | 8 | 19 | 7 | 3 | 4 | 2 | 3 | 1 | 6 | 1 | 2 | 7 | 8 | 8 | 9 | 40 | - |
| JUNIO | 9 | 9 | 13 | 7 | 6 | 5 | 2 | 3 | 5 | 6 | 2 | 8 | 9 | 7 | 6 | 6 | 38 | - |
| JULIO | 6 | 14 | 18 | 8 | 5 | 4 | 1 | 4 | 5 | 7 | 5 | 5 | 4 | 13 | 3 | 4 | 46 | - |
| AGOSTO | 11 | 9 | 17 | 8 | 1 | 2 | 2 | 4 | 4 | 9 | 8 | 7 | 11 | 7 | 6 | 7 | 33 | - |
| SEPTIEMBRE | 6 | 10 | 10 | 9 | 2 | 4 | 2 | 5 | 1 | 4 | 8 | 3 | 16 | 9 | 14 | 12 | 29 | 2 |
| OCTUBRE | 10 | 9 | 9 | 6 | 2 | 4 | 1 | 2 | 13 | 8 | 5 | 5 | 18 | 7 | 12 | 11 | 23 | - |
| NOVIEMBRE | 6 | 7 | 2 | 7 | 1 | 2 | 3 | 6 | 19 | 8 | 7 | 10 | 17 | 10 | 8 | 10 | 27 | - |
| DICIEMBRE | 6 | 9 | 3 | 6 | 4 | 3 | 1 | 2 | 7 | 8 | 14 | 9 | 14 | 9 | 15 | 9 | 29 | - |
| ANUAL | 85 | 9 | 103 | 7 | 32 | 4 | 25 | 4 | 114 | 7 | 96 | 6 | 125 | 8 | 101 | 10 | 412 | 2 |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|------------|-----------|-------------------|-----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 6 | - | 6 | 2 | 1 | 5 | 12 |
| FEBRERO | - | 10 | - | 6 | 3 | 3 | 5 | 11 |
| MARZO | 1 | 3 | - | 5 | 5 | 2 | 5 | 11 |
| ABRIL | 1 | - | - | 12 | 8 | 5 | 14 | 3 |
| MAYO | 2 | - | - | 26 | 22 | 9 | 22 | - |
| JUNIO | 7 | - | - | 20 | 14 | 5 | 20 | - |
| JULIO | 7 | - | - | 18 | 13 | 6 | 21 | 2 |
| AGOSTO | 8 | - | - | 20 | 12 | 7 | 18 | 3 |
| SEPTIEMBRE | 5 | - | - | 19 | 16 | 7 | 15 | 3 |
| OCTUBRE | 3 | 1 | - | 15 | 11 | 3 | 13 | 10 |
| NOVIEMBRE | 2 | 1 | - | 11 | 9 | 3 | 8 | 10 |
| DICIEMBRE | - | 5 | - | 10 | 8 | - | 7 | 8 |
| ANUAL | 36 | 26 | - | 168 | 123 | 51 | 153 | 73 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|-----|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 12.5 | 19.9 | 17.4 | 21.6 | 9.0 | 15.1 | 27.8 | 9 | 1.8 | 30 | 87 | 58 | 67 | . |
| FEBRERO | 11.1 | 21.1 | 18.2 | 23.2 | 7.9 | 15.1 | 29.5 | 6 | 1.0 | 2 | 91 | 58 | 66 | . |
| MARZO | 8.8 | 18.0 | 14.5 | 19.9 | 6.3 | 12.3 | 26.6 | 17 | -0.6 | 26 | 91 | 60 | 72 | . |
| ABRIL | 7.4 | 14.2 | 10.3 | 15.2 | 6.0 | 9.7 | 19.1 | 14 | -1.6 | 17 | 91 | 68 | 83 | . |
| MAYO | 6.5 | 11.4 | 8.4 | 12.6 | 4.8 | 8.0 | 16.8 | 8 | -1.8 | 25 | 92 | 78 | 90 | . |
| JUNIO | 4.8 | 10.1 | 7.0 | 11.2 | 3.2 | 6.5 | 15.0 | 16 | -6.2 | 19 | 90 | 75 | 86 | . |
| JULIO | 4.4 | 10.0 | 7.3 | 11.2 | 3.1 | 6.5 | 16.2 | 11 | -3.2 | 8 | 92 | 73 | 85 | . |
| AGOSTO | 5.8 | 12.0 | 8.9 | 13.0 | 4.9 | 8.1 | 20.0 | R | -3.6 | 18 | 90 | 69 | 81 | . |
| SEPTIEMBRE | 5.8 | 12.7 | 9.6 | 14.2 | 4.5 | 8.5 | 20.5 | 4 | -5.0 | 1 | 91 | 66 | 80 | . |
| OCTUBRE | 8.1 | 14.1 | 11.0 | 16.0 | 4.9 | 10.0 | 22.2 | 24 | -1.6 | 13 | 86 | 66 | 70 | . |
| NOVIEMBRE | 9.2 | 16.1 | 12.8 | 17.5 | 6.2 | 11.4 | 24.5 | 27 | -0.2 | 30 | 83 | 57 | 68 | . |
| DICIEMBRE | 11.5 | 18.4 | 15.8 | 20.1 | 7.3 | 13.6 | 30.4 | 28 | 1.8 | 5 | 85 | 59 | 69 | . |
| ANUAL | 8.0 | 14.8 | 11.7 | 16.3 | 5.7 | 10.4 | 30.4 | DIC | -6.2 | JUN | 89 | 65 | 76 | . |

| MES | PRESION | | VIENTO | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|------------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 1008.5 | 1016.2 | S 10 | S 13 | S 10 | 4.5 | 3.9 | 3.1 | 51.2 | 21.0 | 15 |
| FEBRERO | 1008.9 | 1016.7 | S 8 | S 9 | S 8 | 5.2 | 3.7 | 2.8 | 35.0 | 19.7 | 27 |
| MARZO | 1009.1 | 1016.9 | CALMA | S 9 | S 7 | 5.9 | 4.8 | 3.2 | 54.6 | 40.1 | 27 |
| ABRIL | 1008.9 | 1016.8 | CALMA | S 11 | CALMA | 6.3 | 6.6 | 5.2 | 124.6 | 69.2 | 8 |
| MAYO | 1009.7 | 1017.6 | CALMA | N 8 | CALMA | 7.1 | 7.1 | 5.4 | 199.3 | 38.0 | 31 |
| JUNIO | 1010.9 | 1018.9 | CALMA | N 9 | CALMA | 6.1 | 5.9 | 4.3 | 133.1 | 54.5 | 12 |
| JULIO | 1012.3 | 1020.3 | CALMA | N 10 | CALMA | 5.9 | 6.4 | 5.1 | 147.6 | 28.5 | 15 |
| AGOSTO | 1010.4 | 1018.4 | CALMA | N 9 | N 9 | 5.2 | 6.3 | 4.8 | 175.5 | 53.2 | 5 |
| SEPTIEMBRE | 1010.2 | 1018.2 | CALMA | N 10 | CALMA | 6.0 | 6.4 | 5.3 | 198.5 | 33.5 | 7 |
| OCTUBRE | 1011.7 | 1019.7 | S 8 | SW 11 | S 8 | 6.0 | 5.2 | 4.1 | 59.1 | 17.3 | 9 |
| NOVIEMBRE | 1010.3 | 1018.2 | S 9 | SE 7 | S 9 | 5.6 | 4.6 | 3.7 | 53.8 | 11.2 | 12 |
| DICIEMBRE | 1008.8 | 1016.6 | S 7 | S 9 | S 9 | 6.0 | 5.3 | 4.2 | 33.5 | 16.5 | 31 |
| ANUAL | 1010.0 | 1017.9 | CALMA | S 10 | S 8 | 5.8 | 5.5 | 4.3 | 1265.8 | 69.2 | ABR |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|----|----|----|----|---|----|---|-----|----|----|----|----|----|----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | 8 | 9 | 2 | 6 | 1 | 4 | 7 | 7 | 38 | 11 | 9 | 7 | 14 | 8 | 6 | 7 | 8 | - |
| FEBRERO | 6 | 9 | 2 | 10 | 3 | 4 | 13 | 6 | 30 | 8 | 6 | 8 | 5 | 5 | 4 | 12 | 14 | 1 |
| MARZO | 7 | 10 | 4 | 9 | 1 | 4 | 13 | 5 | 33 | 8 | 7 | 7 | 7 | 10 | 4 | 9 | 16 | 1 |
| ABRIL | 15 | 10 | 1 | 3 | 1 | 4 | 3 | 7 | 14 | 8 | 9 | 6 | - | - | 13 | 6 | 34 | - |
| MAYO | 25 | 8 | 16 | 8 | 1 | 4 | 1 | 4 | 1 | 8 | 1 | 10 | 4 | 10 | 7 | 7 | 37 | - |
| JUNIO | 25 | 9 | 6 | 9 | - | - | 4 | 5 | 6 | 5 | 6 | 5 | 3 | 13 | 9 | 7 | 31 | - |
| JULIO | 30 | 10 | 9 | 7 | 1 | 4 | 2 | 5 | 9 | 9 | 1 | 4 | 3 | 11 | 4 | 3 | 34 | - |
| AGOSTO | 25 | 9 | 8 | 9 | - | - | 6 | 6 | 15 | 9 | 4 | 7 | 4 | 17 | 7 | 7 | 24 | - |
| SEPTIEMBRE | 18 | 9 | 8 | 8 | 3 | 6 | 8 | 5 | 9 | 7 | 3 | 5 | 10 | 11 | 11 | 8 | 20 | - |
| OCTUBRE | 18 | 8 | 5 | 8 | 2 | 4 | 7 | 6 | 23 | 9 | 11 | 10 | 11 | 8 | 13 | 7 | 3 | - |
| NOVIEMBRE | 4 | 8 | 2 | 10 | 1 | 6 | 14 | 7 | 32 | 10 | 6 | 9 | 13 | 7 | 12 | 7 | 6 | - |
| DICIEMBRE | 9 | 7 | 4 | 3 | 3 | 4 | 8 | 8 | 22 | 8 | 16 | 7 | 15 | 8 | 8 | 8 | 8 | - |
| ANUAL | 190 | 9 | 67 | 8 | 17 | 5 | 86 | 6 | 232 | 9 | 79 | 7 | 89 | 9 | 98 | 7 | 235 | 2 |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|------------|-----------|-------------------|-----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 2 | - | 9 | 6 | 2 | 9 | 8 |
| FEBRERO | - | 8 | - | 5 | 4 | 2 | 5 | 6 |
| MARZO | 1 | 3 | - | 6 | 4 | 1 | 9 | 3 |
| ABRIL | 3 | - | - | 15 | 8 | 2 | 19 | 2 |
| MAYO | 3 | - | - | 24 | 21 | 3 | 22 | 1 |
| JUNIO | 8 | - | - | 18 | 12 | 3 | 14 | 2 |
| JULIO | 10 | - | - | 17 | 15 | 6 | 20 | 2 |
| AGOSTO | 7 | - | - | 19 | 13 | 5 | 17 | 5 |
| SEPTIEMBRE | 4 | - | - | 17 | 14 | 8 | 18 | - |
| OCTUBRE | 4 | - | - | 15 | 13 | 2 | 15 | 4 |
| NOVIEMBRE | 1 | - | - | 16 | 11 | 1 | 10 | 6 |
| DICIEMBRE | - | 4 | - | 8 | 6 | 1 | 13 | 4 |
| ANUAL | 41 | 17 | - | 169 | 127 | 36 | 171 | 43 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|-----|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 12.2 | 17.6 | 14.8 | 18.8 | 8.9 | 13.6 | 24.0 | 9 | 3.2 | 30 | 91 | 67 | 76 | 177.3 |
| FEBRERO | 11.2 | 19.3 | 15.8 | 20.6 | 9.1 | 14.1 | 25.9 | 8 | 3.1 | 2 | 96 | 66 | 77 | 192.0 |
| MARZO | 9.1 | 16.4 | 12.7 | 17.4 | 7.7 | 11.7 | 23.6 | 17 | 1.4 | 26 | 96 | 70 | 83 | 142.9 |
| ABRIL | 7.0 | 13.0 | 9.6 | 13.9 | 6.1 | 9.1 | 18.4 | 14 | -1.2 | 19 | 97 | 77 | 91 | 85.2 |
| MAYO | 6.6 | 11.1 | 8.6 | 11.9 | 5.7 | 8.2 | 15.4 | 8 | -1.2 | 25 | 96 | 84 | 93 | 56.3 |
| JUNIO | 5.0 | 9.6 | 6.8 | 10.3 | 3.9 | 6.5 | 15.2 | 15 | -3.2 | 29 | 95 | 85 | 93 | 61.6 |
| JULIO | 4.7 | 10.1 | 6.8 | 10.8 | 3.9 | 6.5 | 15.8 | 11 | -2.2 | R | 96 | 79 | 91 | 80.1 |
| AGOSTO | 5.5 | 11.0 | 7.8 | 11.7 | 4.7 | 7.4 | 19.2 | 23 | -2.6 | 28 | 94 | 74 | 89 | 90.4 |
| SEPTIEMBRE | 5.8 | 12.1 | 8.7 | 13.1 | 4.5 | 8.0 | 19.6 | 4 | -4.2 | 1 | 94 | 70 | 85 | 103.8 |
| OCTUBRE | 8.1 | 13.1 | 9.6 | 14.2 | 5.2 | 9.2 | 19.4 | 29 | -0.2 | 5 | 93 | 70 | 82 | 166.1 |
| NOVIEMBRE | 9.5 | 14.5 | 11.3 | 15.6 | 6.0 | 10.6 | 20.9 | 27 | 2.0 | 4 | 88 | 64 | 75 | 186.6 |
| DICIEMBRE | 11.6 | 16.8 | 13.8 | 17.9 | 8.2 | 12.8 | 24.2 | 28 | 2.2 | 5 | 89 | 65 | 75 | 153.4 |
| ANUAL | 8.0 | 13.7 | 10.5 | 14.7 | 6.1 | 9.8 | 25.9 | FEB | -4.2 | SEP | 93 | 72 | 84 | 1495.7 |

| MES | PRESION | | VIENTO | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|------------|------------|------------|-------------------|---------------|-------------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | | | |
| ENERO | 1005.4 | 1015.6 | SW 4 | S 12 | S 7 | 6.0 | 4.7 | 4.5 | 50.5 | 12.0 | 24 | | |
| FEBRERO | 1005.9 | 1016.0 | W 2 | S 11 | S 6 | 5.4 | 3.8 | 3.4 | 70.7 | 18.0 | 21 | | |
| MARZO | 1005.9 | 1016.2 | W 3 | S 11 | S 5 | 6.2 | 4.8 | 4.2 | 98.6 | 48.6 | 27 | | |
| ABRIL | 1005.4 | 1015.8 | N 8 | N 8 | N 6 | 6.1 | 6.2 | 5.1 | 210.4 | 58.8 | 8 | | |
| MAYO | 1005.8 | 1016.2 | N 10 | N 12 | N 8 | 6.3 | 6.9 | 6.4 | 220.7 | 34.9 | 31 | | |
| JUNIO | 1006.8 | 1017.3 | N 10 | N 11 | N 10 | 6.1 | 6.5 | 4.8 | 242.7 | 43.3 | 12 | | |
| JULIO | 1008.3 | 1018.8 | N 8 | N 13 | N 9 | 5.8 | 6.3 | 5.1 | 155.3 | 33.1 | 31 | | |
| AGOSTO | 1006.6 | 1017.1 | N 10 | N 13 | N 11 | 5.7 | 6.2 | 4.9 | 155.4 | 30.5 | 5 | | |
| SEPTIEMBRE | 1006.5 | 1016.9 | N 13 | N 13 | S 4 | 6.0 | 6.2 | 5.8 | 184.1 | 27.6 | 7 | | |
| OCTUBRE | 1008.2 | 1018.6 | N 7 | S 14 | S 6 | 5.7 | 4.7 | 4.0 | 138.9 | 31.8 | 7 | | |
| NOVIEMBRE | 1007.0 | 1017.3 | S 7 | S 12 | S 6 | 5.6 | 4.8 | 4.5 | 81.8 | 13.1 | 11 | | |
| DICIEMBRE | 1005.5 | 1015.7 | N 8 | W 7 | W 5 | 6.2 | 5.3 | 4.7 | 99.4 | 15.3 | 3 | | |
| ANUAL | 1006.4 | 1016.8 | N 9 | N 11 | N 9 | 5.9 | 5.5 | 4.8 | 1708.5 | 58.8 | ABR | | |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|----|----|----|----|---|----|----|-----|----|-----|---|-----|---|----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | 11 | 7 | 3 | 11 | 1 | 3 | 9 | 10 | 31 | 9 | 22 | 4 | 11 | 5 | 5 | 3 | - | - |
| FEBRERO | 7 | 11 | 3 | 10 | 1 | 8 | 9 | 9 | 29 | 8 | 17 | 4 | 14 | 3 | 3 | 4 | 1 | - |
| MARZO | 12 | 10 | 5 | 6 | 1 | 4 | 8 | 8 | 29 | 8 | 16 | 5 | 16 | 5 | 1 | 4 | 5 | - |
| ABRIL | 29 | 8 | 5 | 6 | 2 | 2 | 6 | 5 | 17 | 8 | 10 | 3 | 15 | 4 | 2 | 3 | 4 | - |
| MAYO | 52 | 10 | 12 | 8 | 3 | 3 | 4 | 6 | 4 | 5 | 6 | 3 | 7 | 6 | 4 | 2 | 1 | - |
| JUNIO | 42 | 10 | 10 | 4 | 2 | 2 | 3 | 7 | 4 | 2 | 9 | 5 | 14 | 5 | 5 | 5 | 1 | - |
| JULIO | 56 | 10 | 8 | 6 | 1 | 1 | 1 | 4 | 12 | 5 | 3 | 4 | 6 | 4 | 6 | 4 | - | - |
| AGOSTO | 39 | 11 | 7 | 9 | 4 | 3 | 4 | 8 | 14 | 6 | 9 | 6 | 8 | 7 | 4 | 3 | 4 | - |
| SEPTIEMBRE | 31 | 12 | 10 | 9 | 1 | 1 | 6 | 8 | 13 | 6 | 8 | 5 | 12 | 7 | 5 | 3 | 4 | - |
| OCTUBRE | 26 | 9 | 4 | 5 | 2 | 3 | 7 | 8 | 24 | 10 | 10 | 4 | 15 | 7 | 4 | 7 | 1 | - |
| NOVIEMBRE | 13 | 8 | 1 | 3 | - | - | 6 | 8 | 28 | 9 | 8 | 4 | 20 | 5 | 6 | 6 | 8 | - |
| DICIEMBRE | 19 | 8 | 1 | 10 | 1 | 1 | 11 | 8 | 22 | 8 | 4 | 3 | 26 | 6 | 1 | 4 | 8 | - |
| ANUAL | 337 | 10 | 69 | 7 | 19 | 3 | 74 | 8 | 227 | 8 | 122 | 4 | 164 | 5 | 46 | 4 | 37 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|------------|-----------|-------------------|-----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | - | - | 15 | 9 | 1 | 18 | 4 |
| FEBRERO | - | 1 | - | 7 | 6 | 4 | 8 | 7 |
| MARZO | - | - | - | 12 | 9 | 2 | 13 | 3 |
| ABRIL | 2 | - | - | 19 | 16 | 6 | 18 | 3 |
| MAYO | 2 | - | - | 27 | 25 | 6 | 23 | - |
| JUNIO | 7 | - | - | 23 | 16 | 10 | 15 | - |
| JULIO | 8 | - | - | 22 | 16 | 5 | 19 | 2 |
| AGOSTO | 9 | - | - | 21 | 17 | 6 | 16 | 5 |
| SEPTIEMBRE | 3 | - | - | 23 | 17 | 11 | 19 | - |
| OCTUBRE | 1 | - | - | 20 | 18 | 3 | 13 | 7 |
| NOVIEMBRE | - | - | - | 17 | 14 | 2 | 12 | 3 |
| DICIEMBRE | - | - | - | 17 | 13 | 4 | 16 | 4 |
| ANUAL | 32 | - | - | 223 | 176 | 60 | 190 | 38 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|-----|---------|---------|-------|------|-------|----------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 11.4 | 16.1 | 14.2 | 17.3 | 8.2 | 12.7 | 27.8 | 8 | 2.9 | 30 | 77 | 56 | 59 | 228.9 |
| FEBRERO | 11.9 | 19.5 | 17.6 | 21.7 | 9.1 | 15.0 | 27.4 | 17 | 4.8 | 27 | 83 | 55 | 60 | 230.9 |
| MARZO | 8.2 | 16.3 | 13.0 | 17.3 | 6.2 | 11.1 | 26.1 | 10 | -0.1 | 16 | 87 | 53 | 67 | 207.0 |
| ABRIL | 4.0 | 10.2 | 7.3 | 11.5 | 3.0 | 6.4 | 16.7 | 2 | -5.0 | 19 | 86 | 60 | 74 | 143.7 |
| MAYO | 4.2 | 7.7 | 5.6 | 8.8 | 3.0 | 5.4 | 14.6 | 18 | -2.6 | 7 | 88 | 74 | 83 | 85.8 |
| JUNIO | 4.2 | 6.6 | 4.3 | 7.7 | 2.5 | 4.6 | 14.6 | 12 | -4.0 | 30 | 85 | 74 | 87 | 62.7 |
| JULIO | 2.5 | 6.8 | 4.3 | 8.0 | 1.2 | 4.0 | 14.4 | 11 | -6.5 | 17 | 88 | 72 | 84 | 91.3 |
| AGOSTO | 2.4 | 6.9 | 4.6 | 8.2 | 1.2 | 4.1 | 12.2 | R | -5.2 | 31 | 86 | 69 | 75 | 141.3 |
| SEPTIEMBRE | 3.3 | 10.1 | 7.4 | 11.4 | 2.0 | 6.0 | 15.6 | 5 | -4.4 | 2 | 88 | 57 | 70 | 149.7 |
| OCTUBRE | 6.9 | 12.3 | 9.2 | 13.0 | 4.5 | 8.4 | 21.4 | 25 | 0.0 | 29 | 79 | 56 | 67 | 228.4 |
| NOVIEMBRE | 8.8 | 13.0 | 9.9 | 13.8 | 5.6 | 9.5 | 22.1 | 24 | 0.6 | 3 | 68 | 56 | 67 | 241.3 |
| DICIEMBRE | 10.9 | 16.1 | 13.5 | 17.0 | 7.0 | 12.1 | 27.3 | 28 | 1.5 | 5 | 74 | 54 | 64 | 259.9 |
| ANUAL | 6.5 | 11.8 | 9.2 | 12.9 | 4.4 | 8.2 | 27.8 | ENE | -6.5 | JUL | 82 | 61 | 71 | 2070.9 |

| MES | PRESION | | VIENTO | | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|------------|--------------------------------|--------|--|----|--------|----|--------|----|-------------------|--------|--------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | | 14 hrs | | 20 hrs | | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 974.0 | 1010.5 | W | 10 | W | 15 | W | 9 | 5.7 | 5.6 | 5.3 | 46.1 | 18.0 | 24 |
| FEBRERO | 977.2 | 1013.5 | NE | 6 | S | 7 | W | 9 | 4.4 | 3.8 | 4.0 | 23.1 | 16.6 | 4 |
| MARZO | 974.9 | 1011.6 | NE | 5 | NW | 14 | W | 8 | 4.2 | 4.6 | 4.7 | 70.4 | 29.3 | 27 |
| ABRIL | 974.8 | 1012.2 | CALMA | | W | 14 | CALMA | | 4.3 | 5.5 | 4.8 | 67.3 | 20.5 | 13 |
| MAYO | 972.9 | 1010.4 | NE | 8 | NW | 10 | NE | 10 | 6.1 | 6.1 | 5.2 | 244.2 | 40.8 | 31 |
| JUNIO | 972.1 | 1009.7 | NE | 9 | W | 13 | W | 10 | 6.1 | 6.0 | 5.9 | 182.5 | 32.8 | 12 |
| JULIO | 975.9 | 1013.7 | NE | 7 | NW | 11 | NE | 8 | 5.3 | 5.7 | 4.9 | 101.3 | 31.9 | 10 |
| AGOSTO | 974.7 | 1012.4 | CALMA | | NE | 7 | NE | 6 | 4.5 | 4.8 | 4.5 | 150.6 | 30.2 | 3 |
| SEPTIEMBRE | 976.0 | 1013.4 | CALMA | | W | 13 | N | 5 | 5.0 | 5.2 | 5.7 | 97.7 | 20.1 | 30 |
| OCTUBRE | 975.3 | 1012.4 | W | 12 | W | 15 | W | 12 | 5.1 | 4.8 | 5.1 | 64.0 | 20.5 | 8 |
| NOVIEMBRE | 973.0 | 1009.8 | NW | 11 | W | 15 | W | 10 | 5.7 | 5.3 | 5.5 | 51.5 | 17.1 | 14 |
| DICIEMBRE | 973.5 | 1010.0 | NE | 9 | NW | 14 | W | 9 | 4.9 | 5.0 | 5.1 | 38.3 | 12.7 | 3 |
| ANUAL | 974.5 | 1011.6 | NE | 7 | W | 13 | W | 10 | 5.1 | 5.2 | 5.1 | 1137.0 | 40.8 | MAY |

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|----|-----|---|----|---|----|----|----|----|-----|----|-----|----|---------------------------------|----|-----|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | 3 | 15 | 9 | 7 | 2 | 8 | 1 | 6 | 8 | 7 | 11 | 11 | 36 | 12 | 16 | 13 | 7 | - |
| FEBRERO | 7 | 4 | 10 | 6 | 1 | 4 | 2 | 10 | 14 | 7 | 6 | 9 | 20 | 11 | 9 | 12 | 12 | 3 |
| MARZO | 7 | 7 | 16 | 6 | 1 | 2 | - | - | 7 | 7 | 12 | 7 | 24 | 9 | 13 | 14 | 13 | - |
| ABRIL | 10 | 6 | 15 | 6 | 2 | 8 | - | - | 5 | 7 | 7 | 7 | 18 | 12 | 12 | 8 | 21 | - |
| MAYO | 12 | 9 | 19 | 9 | 4 | 9 | - | - | 6 | 8 | 13 | 7 | 11 | 11 | 14 | 10 | 14 | - |
| JUNIO | 13 | 8 | 15 | 8 | 6 | 9 | 1 | 4 | 3 | 4 | 13 | 7 | 22 | 11 | 5 | 9 | 10 | 2 |
| JULIO | 22 | 6 | 29 | 7 | - | - | 2 | 8 | 2 | 7 | 3 | 5 | 7 | 11 | 10 | 11 | 16 | 2 |
| AGOSTO | 11 | 6 | 19 | 7 | 2 | 6 | 3 | 5 | 10 | 8 | 6 | 8 | 12 | 10 | 12 | 9 | 16 | 2 |
| SEPTIEMBRE | 16 | 6 | 14 | 9 | 5 | 5 | 4 | 7 | 6 | 8 | 7 | 7 | 18 | 10 | 9 | 10 | 9 | 2 |
| OCTUBRE | 4 | 10 | 11 | 7 | 7 | 8 | 4 | 5 | 6 | 9 | 12 | 9 | 30 | 13 | 12 | 11 | 7 | - |
| NOVIEMBRE | 2 | 7 | 6 | 7 | 2 | 5 | 3 | 9 | 4 | 11 | 16 | 10 | 29 | 12 | 25 | 14 | 2 | 1 |
| DICIEMBRE | 3 | 11 | 10 | 9 | 5 | 9 | 3 | 10 | 11 | 7 | 9 | 12 | 30 | 11 | 19 | 13 | 3 | - |
| ANUAL | 110 | 7 | 173 | 7 | 37 | 7 | 23 | 7 | 82 | 7 | 115 | 8 | 257 | 11 | 156 | 12 | 130 | 12 |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|------------|-----------|-------------------|-----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | 2 | - | 10 | 5 | 2 | 20 | 4 |
| FEBRERO | - | 10 | - | 7 | 2 | 1 | 9 | 8 |
| MARZO | 1 | 1 | - | 9 | 6 | 2 | 11 | 5 |
| ABRIL | 7 | - | - | 9 | 6 | 3 | 11 | 4 |
| MAYO | 3 | - | - | 22 | 18 | 7 | 18 | 2 |
| JUNIO | 8 | - | - | 21 | 16 | 7 | 21 | 4 |
| JULIO | 11 | - | - | 15 | 12 | 3 | 14 | 3 |
| AGOSTO | 9 | - | - | 18 | 12 | 5 | 11 | 7 |
| SEPTIEMBRE | 8 | - | - | 13 | 8 | 6 | 17 | 3 |
| OCTUBRE | 1 | - | - | 13 | 12 | 1 | 14 | 3 |
| NOVIEMBRE | - | - | - | 13 | 6 | 3 | 16 | 2 |
| DICIEMBRE | - | 2 | - | 8 | 7 | 2 | 13 | 3 |
| ANUAL | 48 | 15 | - | 158 | 110 | 42 | 175 | 48 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|--------------|---------------------|-------------|------------|-------------|------------|------------|-------------|------------|--------------|------------|------------------------|-----------|-----------|---------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 9.9 | 15.4 | 12.0 | 16.5 | 6.2 | 11.1 | 26.6 | 8 | -0.6 | 30 | 51 | 35 | 42 | 324.8 |
| FEBRERO | 10.1 | 19.6 | 16.5 | 21.5 | 6.6 | 13.6 | 26.9 | 7 | 0.6 | 6 | 54 | 29 | 38 | 292.2 |
| MARZO | 5.9 | 15.3 | 10.7 | 16.2 | 3.4 | 9.0 | 24.8 | 10 | -6.1 | 16 | 60 | 33 | 47 | 259.7 |
| ABRIL | 2.1 | 9.0 | 5.1 | 10.1 | 0.8 | 4.5 | 15.9 | 2 | -8.6 | 19 | 59 | 38 | 52 | 178.8 |
| MAYO | 2.5 | 6.4 | 3.5 | 7.2 | 1.2 | 3.6 | 12.2 | 1 | -7.2 | 7 | 77 | 68 | 74 | 110.7 |
| JUNIO | 1.9 | 5.2 | 2.5 | 6.0 | 0.4 | 2.7 | 12.1 | 15 | -6.9 | 30 | 83 | 72 | 82 | 112.5 |
| JULIO | 1.0 | 5.1 | 2.1 | 5.8 | -0.7 | 2.0 | 12.7 | 3 | -13.2 | 17 | 82 | 71 | 81 | 132.9 |
| AGOSTO | 0.7 | 6.0 | 2.7 | 6.8 | -0.4 | 2.4 | 10.8 | 23 | -8.6 | 31 | 83 | 66 | 76 | 185.9 |
| SEPTIEMBRE | 1.9 | 8.9 | 5.7 | 10.0 | 0.6 | 4.5 | 14.4 | 5 | -7.2 | 1 | 82 | 58 | 70 | 190.0 |
| OCTUBRE | 5.5 | 10.9 | 7.1 | 11.6 | 2.7 | 6.7 | 20.4 | 25 | -3.6 | 29 | 76 | 57 | 68 | 291.2 |
| NOVIEMBRE | 7.0 | 11.9 | 7.6 | 12.7 | 3.7 | 7.7 | 20.8 | 24 | -1.2 | 3 | 68 | 3 | 66 | 318.9 |
| DICIEMBRE | 9.9 | 15.4 | 11.5 | 16.1 | 5.8 | 10.8 | 26.1 | 28 | -1.4 | 7 | 68 | 51 | 63 | 328.9 |
| ANUAL | 4.8 | 10.7 | 7.2 | 11.6 | 2.5 | 6.5 | 26.9 | FEB | -13.2 | JUL | 70 | 52 | 63 | 2726.5 |

| MES | PRESION | | VIENTO | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|--------------|--------------|-------------------|------------|------------|----------------------|---------------|------------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 948.6 | 1009.1 | NW 22 | NW 26 | NW 22 | 4.4 | 4.6 | 4.5 | 19.6 | 11.3 | 25 |
| FEBRERO | 953.0 | 1013.1 | CALMA | NW 21 | NW 18 | 4.3 | 4.0 | 3.2 | 20.1 | 11.2 | 11 |
| MARZO | 949.9 | 1011.0 | NW 20 | NW 22 | NW 15 | 4.4 | 4.7 | 3.9 | 57.0 | 26.1 | 28 |
| ABRIL | 949.6 | 1011.8 | NW 25 | NW 22 | NW 20 | 4.3 | 5.4 | 4.2 | 34.3 | 14.1 | 8 |
| MAYO | 947.8 | 1010.1 | NW 18 | NW 19 | NW 20 | 5.8 | 5.9 | 4.8 | 140.7 | 32.4 | 18 |
| JUNIO | 946.7 | 1009.1 | NW 19 | NW 21 | NW 22 | 5.1 | 5.6 | 5.1 | 109.9 | 25.9 | 12 |
| JULIO | 951.0 | 1013.8 | NW 16 | NW 20 | NW 17 | 5.5 | 5.6 | 4.3 | 99.3 | 37.8 | 10 |
| AGOSTO | 949.5 | 1012.2 | NW 21 | NW 21 | NW 18 | 4.4 | 4.3 | 3.9 | 89.7 | 18.4 | 3 |
| SEPTIEMBRE | 951.2 | 1013.4 | NW 16 | NW 20 | NW 18 | 5.3 | 4.9 | 5.4 | 75.5 | 20.3 | 28 |
| OCTUBRE | 949.7 | 1011.3 | NW 21 | NW 27 | NW 21 | 4.5 | 4.2 | 4.3 | 54.1 | 14.7 | 30 |
| NOVIEMBRE | 947.2 | 1008.4 | NW 25 | NW 30 | NW 24 | 4.6 | 5.2 | 4.5 | 37.6 | 21.6 | 14 |
| DICIEMBRE | 948.3 | 1008.9 | NW 21 | NW 27 | NW 20 | 4.6 | 5.1 | 4.6 | 22.4 | 14.2 | 3 |
| ANUAL | 949.4 | 1011.0 | NW 21 | NW 24 | NW 20 | 4.8 | 5.0 | 4.4 | 760.2 | 37.8 | JUL |

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|----|----|----|----|---|----|----|----|----|----|---|----|----|---------------------------------|----|----|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | 1 | 4 | - | - | - | - | 1 | 3 | - | - | - | - | 4 | 18 | 85 | 23 | 2 | - |
| FEBRERO | 1 | 1 | 1 | 10 | 2 | 6 | 4 | 9 | 2 | 5 | - | - | 6 | 8 | 53 | 19 | 15 | - |
| MARZO | 2 | 7 | 1 | 6 | 2 | 3 | - | - | - | - | - | - | 11 | 11 | 70 | 19 | 7 | - |
| ABRIL | 2 | 12 | - | - | 1 | 3 | 4 | 13 | 3 | 9 | 1 | 5 | 12 | 13 | 54 | 22 | 13 | - |
| MAYO | 3 | 15 | - | - | 1 | 2 | 6 | 7 | 2 | 6 | 3 | 2 | 17 | 9 | 54 | 19 | 7 | - |
| JUNIO | 3 | 25 | - | - | - | - | 1 | 4 | 1 | 1 | - | - | 11 | 9 | 64 | 21 | 10 | - |
| JULIO | 2 | 9 | - | - | - | - | 3 | 8 | 2 | 5 | 1 | 4 | 17 | 8 | 58 | 18 | 10 | - |
| AGOSTO | 3 | 5 | - | - | 4 | 4 | 2 | 7 | 2 | 7 | 2 | 4 | 4 | 10 | 62 | 20 | 14 | - |
| SEPTIEMBRE | 2 | 13 | 2 | 8 | 5 | 5 | 11 | 9 | 4 | 10 | 2 | 8 | 4 | 7 | 53 | 18 | 7 | - |
| OCTUBRE | 2 | 17 | - | - | - | - | - | - | - | - | - | - | 3 | 13 | 87 | 23 | 1 | - |
| NOVIEMBRE | 1 | 16 | - | - | - | - | - | - | - | - | - | - | 1 | 13 | 88 | 26 | - | - |
| DICIEMBRE | 1 | 25 | - | - | - | - | - | - | 1 | 4 | - | - | 2 | 5 | 87 | 23 | 2 | - |
| ANUAL | 23 | 13 | 4 | 8 | 15 | 4 | 32 | 9 | 17 | 7 | 9 | 4 | 92 | 10 | 815 | 21 | 88 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|-----------|-----------|-------------------|-----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | 1 | 1 | - | 5 | 4 | 1 | 9 | 5 |
| FEBRERO | - | 8 | - | 6 | 4 | 1 | 7 | 9 |
| MARZO | 7 | - | - | 6 | 4 | 2 | 8 | 5 |
| ABRIL | 10 | - | - | 6 | 4 | 2 | 11 | 6 |
| MAYO | 8 | - | - | 19 | 17 | 4 | 16 | 3 |
| JUNIO | 12 | - | - | 21 | 17 | 3 | 15 | 4 |
| JULIO | 15 | - | - | 15 | 9 | 3 | 14 | 4 |
| AGOSTO | 18 | - | - | 13 | 9 | 5 | 9 | 9 |
| SEPTIEMBRE | 13 | - | - | 11 | 8 | 4 | 15 | 3 |
| OCTUBRE | 3 | - | - | 11 | 8 | 2 | 10 | 5 |
| NOVIEMBRE | 2 | - | - | 7 | 5 | 1 | 11 | 4 |
| DICIEMBRE | 1 | 1 | - | 6 | 3 | 1 | 9 | 3 |
| ANUAL | 90 | 10 | - | 126 | 92 | 29 | 134 | 60 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | | | | |
| ENERO | 9.7 | 12.9 | 10.7 | 14.9 | 6.4 | 10.4 | 20.4 | 8 | 2.3 | R | 81 | 65 | 73 | 229.2 |
| FEBRERO | 10.8 | 15.4 | 12.8 | 17.4 | 7.3 | 12.0 | 25.4 | 11 | 3.1 | 18 | 82 | 63 | 71 | 192.6 |
| MARZO | 8.0 | 12.0 | 9.0 | 13.1 | 5.8 | 8.9 | 21.7 | 10 | -1.3 | 31 | 86 | 69 | 82 | 145.5 |
| ABRIL | 3.8 | 7.8 | 4.8 | 8.5 | 2.4 | 4.8 | 10.8 | 1 | -4.9 | 14 | 90 | 75 | 86 | 148.6 |
| MAYO | 4.1 | 6.6 | 4.7 | 7.2 | 2.7 | 4.6 | 12.7 | 21 | -2.5 | 5 | 92 | 86 | 91 | 55.8 |
| JUNIO | 1.4 | 3.4 | 1.8 | 4.1 | -0.3 | 1.7 | 9.5 | 16 | -4.8 | 4 | 92 | 88 | 92 | . |
| JULIO | 1.2 | 4.1 | 2.4 | 5.1 | -0.4 | 2.0 | 8.1 | 30 | -7.8 | 19 | 92 | 87 | 92 | 69.2 |
| AGOSTO | 1.4 | 4.2 | 1.9 | 5.1 | -0.4 | 2.0 | 9.7 | 23 | -7.4 | 30 | 91 | 85 | 90 | 119.7 |
| SEPTIEMBRE | 3.0 | 7.0 | 4.0 | 7.9 | 1.0 | 3.9 | 13.9 | 25 | -9.3 | 3 | 92 | 76 | 88 | 162.5 |
| OCTUBRE | 6.0 | 9.8 | 6.4 | 11.2 | 3.3 | 6.7 | 17.1 | 30 | -1.8 | 14 | 84 | 68 | 84 | 182.8 |
| NOVIEMBRE | 7.0 | 10.0 | 6.5 | 11.5 | 3.5 | 7.1 | 16.2 | 18 | -0.7 | 4 | 78 | 65 | 79 | 257.1 |
| DICIEMBRE | 9.2 | 11.9 | 9.4 | 13.4 | 5.5 | 9.3 | 20.6 | 28 | -1.0 | 3 | 79 | 66 | 73 | 230.5 |
| ANUAL | 5.4 | 8.7 | 6.2 | 9.9 | 3.0 | 6.1 | 25.4 | FEB | -9.3 | SEP | 86 | 74 | 83 | . |

| MES | PRESION | | VIENTO | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|--------------|--------------------------------|---------------|--|-------------|-------------|------------|------------|-------------------|--------------|-------------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | | | |
| ENERO | 994.7 | 1001.3 | W 17 | W 19 | W 16 | 5.6 | 5.9 | 5.2 | 39.5 | 11.5 | 14 | | |
| FEBRERO | 1002.7 | 1009.3 | W 11 | W 17 | W 13 | 5.7 | 5.6 | 5.1 | 19.6 | 4.7 | 24 | | |
| MARZO | 996.6 | 1003.3 | W 15 | W 21 | W 14 | 5.7 | 6.0 | 5.9 | 49.8 | 13.7 | 22 | | |
| ABRIL | 996.7 | 1003.5 | W 15 | W 17 | W 14 | 4.8 | 5.6 | 4.9 | 48.4 | 15.7 | 4 | | |
| MAYO | 995.4 | 1002.2 | W 11 | W 15 | NW 10 | 5.9 | 6.1 | 6.1 | 97.2 | 25.5 | 10 | | |
| JUNIO | 991.2 | 998.0 | W 15 | W 15 | W 11 | 4.9 | 5.7 | 5.1 | 28.6 | 4.8 | 25 | | |
| JULIO | 996.0 | 1002.8 | W 9 | W 15 | W 13 | 5.3 | 5.9 | 5.2 | 40.8 | 9.5 | 31 | | |
| AGOSTO | 994.4 | 1001.2 | W 16 | W 19 | W 16 | 5.1 | 5.9 | 4.3 | 90.7 | 37.0 | 4 | | |
| SEPTIEMBRE | 1001.5 | 1008.3 | W 12 | W 22 | W 9 | 5.1 | 5.3 | 5.0 | 41.0 | 13.2 | 28 | | |
| OCTUBRE | 991.7 | 998.4 | W 17 | W 23 | W 21 | 6.0 | 5.9 | 5.7 | 23.9 | 5.5 | 24 | | |
| NOVIEMBRE | 988.1 | 994.8 | W 24 | W 27 | W 19 | 5.6 | 5.7 | 5.9 | 68.8 | 19.5 | 16 | | |
| DICIEMBRE | 996.0 | 1002.6 | W 15 | W 18 | W 18 | 5.7 | 6.4 | 5.8 | 52.5 | 24.0 | 8 | | |
| ANUAL | 995.4 | 1002.1 | W 15 | W 19 | W 16 | 5.5 | 5.8 | 5.4 | 600.8 | 37.0 | AGO | | |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | | |
|------------|---|----|----|----|----|----|----|----|----|----|-----|----|-----|----|---------------------------------|----|---|-------|
| | N | | NE | | E | | SE | | S | | SW | | W | | | NW | | CALMA |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | | N° | V | N° |
| ENERO | 4 | 5 | 3 | 9 | 1 | 4 | - | - | 2 | 6 | 18 | 16 | 58 | 17 | 7 | 13 | - | - |
| FEBRERO | 4 | 7 | 2 | 9 | 2 | 7 | 4 | 5 | 8 | 7 | 16 | 15 | 43 | 14 | 5 | 11 | - | - |
| MARZO | 7 | 9 | 2 | 10 | 2 | 16 | 6 | 7 | 5 | 9 | 18 | 15 | 42 | 17 | 10 | 12 | 1 | - |
| ABRIL | 5 | 6 | 2 | 10 | 2 | 6 | 1 | 8 | 1 | 1 | 27 | 15 | 45 | 15 | 7 | 10 | - | - |
| MAYO | 13 | 8 | 21 | 14 | 4 | 8 | 3 | 8 | 1 | 5 | 5 | 9 | 27 | 12 | 19 | 10 | - | - |
| JUNIO | 15 | 7 | 3 | 3 | 1 | 5 | 1 | 7 | 4 | 5 | 16 | 12 | 38 | 14 | 12 | 9 | - | - |
| JULIO | 15 | 11 | 6 | 8 | 2 | 6 | 2 | 4 | 1 | 6 | 6 | 9 | 42 | 13 | 19 | 11 | - | - |
| AGOSTO | 6 | 11 | 6 | 14 | 1 | 4 | 2 | 7 | 3 | 3 | 13 | 13 | 53 | 17 | 9 | 13 | - | - |
| SEPTIEMBRE | 11 | 6 | 12 | 10 | 5 | 6 | 3 | 8 | 3 | 8 | 18 | 14 | 29 | 15 | 9 | 7 | - | - |
| OCTUBRE | 5 | 7 | - | - | - | - | 1 | 8 | - | - | 10 | 18 | 57 | 21 | 20 | 12 | - | - |
| NOVIEMBRE | 2 | 15 | 2 | 10 | - | - | 1 | 11 | 2 | 14 | 20 | 19 | 55 | 23 | 8 | 14 | - | - |
| DICIEMBRE | 5 | 8 | 2 | 4 | 3 | 9 | 3 | 7 | 6 | 9 | 21 | 18 | 49 | 17 | 4 | 8 | - | - |
| ANUAL | 92 | 8 | 61 | 11 | 23 | 8 | 27 | 7 | 36 | 7 | 188 | 15 | 538 | 17 | 129 | 11 | 1 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|------------|-----------|-------------------|----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | - | - | - | 16 | 10 | 1 | 12 | - |
| FEBRERO | - | 1 | - | 11 | 6 | - | 15 | 1 |
| MARZO | 1 | - | - | 18 | 11 | 2 | 14 | - |
| ABRIL | 3 | - | - | 12 | 7 | 2 | 9 | 1 |
| MAYO | 7 | - | - | 16 | 11 | 4 | 20 | - |
| JUNIO | 14 | - | - | 15 | 10 | - | 13 | 3 |
| JULIO | 13 | - | - | 16 | 9 | - | 16 | 1 |
| AGOSTO | 15 | - | - | 13 | 7 | 2 | 9 | 1 |
| SEPTIEMBRE | 9 | - | - | 11 | 8 | 1 | 12 | 2 |
| OCTUBRE | 4 | - | - | 9 | 6 | - | 18 | - |
| NOVIEMBRE | 2 | - | - | 19 | 13 | 1 | 14 | - |
| DICIEMBRE | 2 | - | - | 14 | 6 | 1 | 18 | - |
| ANUAL | 70 | 1 | - | 170 | 104 | 14 | 170 | 9 |

| MES | TEMPERATURAS (°C) | | | | | | | | | | HUMEDAD RELATIVA (%) | | | HORAS DE SOL |
|------------|---------------------|-----------|-----------|------|------|---------|---------|-------|-------|-------|------------------------|-----------|-----------|--------------|
| | MEDIA | | | | | | EXTREMA | | | | | | | |
| | 08 hrs | 14 hrs | 20 hrs | Máx | Mín | Mensual | Máx | Fecha | Mín | Fecha | 08 hrs | 14 hrs | 20 hrs | TOTAL |
| ENERO | 2.2 | 3.2 | 2.2 | 4.2 | 1.0 | 2.4 | 7.1 | 19 | -1.0 | 12 | 87 | 85 | 88 | 52.0 |
| FEBRERO | 2.8 | 3.6 | 2.8 | 4.4 | 1.5 | 2.8 | 6.3 | 27 | -1.4 | R | 90 | 86 | 87 | 59.2 |
| MARZO | 1.1 | 1.6 | 1.0 | 2.8 | -0.4 | 1.1 | 5.3 | 11 | -3.4 | 13 | 86 | 84 | 87 | 40.2 |
| ABRIL | -4.2 | -4.3 | -4.5 | -2.2 | -6.8 | -4.4 | 1.3 | 1 | -16.8 | 27 | 81 | 77 | 76 | 33.6 |
| MAYO | -5.0 | -4.8 | -5.2 | -2.6 | -7.5 | -5.0 | 2.3 | 31 | -13.2 | 24 | 87 | 85 | 85 | 18.9 |
| JUNIO | -4.4 | -4.3 | -4.3 | -1.9 | -7.4 | -4.5 | 1.5 | 11 | -14.4 | 28 | 90 | 87 | 91 | 0.8 |
| JULIO | -5.4 | -5.0 | -5.1 | -2.5 | -8.5 | -5.3 | 2.5 | 9 | -17.7 | 23 | 86 | 89 | 89 | 1.1 |
| AGOSTO | -5.2 | -5.4 | -5.8 | -2.5 | -9.0 | -5.6 | 0.7 | 9 | -19.2 | 31 | 83 | 79 | 80 | 10.5 |
| SEPTIEMBRE | -3.1 | -2.4 | -3.2 | -0.6 | -6.3 | -3.3 | 2.4 | 25 | -22.4 | 1 | 84 | 83 | 85 | 40.6 |
| OCTUBRE | -2.4 | -1.8 | -2.4 | -0.7 | -4.2 | -2.4 | 1.6 | 26 | -9.1 | 14 | 85 | 82 | 85 | 89.2 |
| NOVIEMBRE | -1.2 | -0.4 | -1.0 | 0.4 | -2.6 | -1.1 | 1.9 | 21 | -6.7 | 17 | 82 | 80 | 82 | 58.0 |
| DICIEMBRE | 0.2 | 0.8 | 0.4 | 1.8 | -1.1 | 0.3 | 4.8 | 20 | -5.3 | 2 | 83 | 80 | 83 | 74.1 |
| ANUAL | -2.1 | -1.6 | -2.1 | 0.0 | -4.3 | -2.1 | 7.1 | ENE | -22.4 | SEP | 85 | 83 | 84 | 478.2 |

| MES | PRESION | | VIENTO | | | | | | NUBOSIDAD | | | PRECIPITACION (mm) | | |
|------------|--------------------------------|-------|--|--------|--------|--------|--------|--------|-------------------|--------|--------|----------------------|---------------|-------|
| | MEDIA (hPa) al nivel de : | | Dirección Dominante y Velocidad Media | | | | | | MEDIA (octavos) | | | TOTAL | Máx 24 hrs | Fecha |
| | ESTACION | MAR | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | 08 hrs | 14 hrs | 20 hrs | | | |
| ENERO | 989.8 | 991.0 | SW 14 | E 10 | SE 17 | 7.4 | 7.1 | 7.4 | 61.5 | 8.5 | 9 | | | |
| FEBRERO | 991.0 | 992.2 | NW 9 | NW 10 | NW 9 | 7.3 | 7.3 | 7.0 | 76.7 | 20.5 | 27 | | | |
| MARZO | 974.0 | 975.1 | W 12 | NW 15 | NW 9 | 7.5 | 7.3 | 7.5 | 109.5 | 12.1 | 26 | | | |
| ABRIL | 990.3 | 991.4 | E 24 | SE 18 | E 19 | 7.5 | 6.7 | 6.4 | 64.4 | 11.5 | 22 | | | |
| MAYO | 991.7 | 992.9 | SE 11 | SE 13 | E 11 | 7.3 | 6.9 | 5.4 | 87.2 | 16.0 | R | | | |
| JUNIO | 961.6 | 962.7 | SE 15 | W 9 | NW 9 | 6.7 | 7.4 | 6.7 | 102.0 | 18.2 | 26 | | | |
| JULIO | 992.3 | 993.4 | NW 12 | N 16 | E 14 | 6.9 | 7.0 | 6.4 | 70.9 | 13.0 | 5 | | | |
| AGOSTO | 979.9 | 981.0 | SW 15 | SW 18 | SW 16 | 6.8 | 7.0 | 6.1 | 93.5 | 14.0 | 15 | | | |
| SEPTIEMBRE | 992.6 | 993.8 | W 10 | W 12 | NW 12 | 6.6 | 7.1 | 6.1 | 67.3 | 9.7 | 26 | | | |
| OCTUBRE | 977.0 | 978.2 | W 12 | W 9 | SW 10 | 7.2 | 6.8 | 7.4 | 121.4 | 22.5 | 19 | | | |
| NOVIEMBRE | 972.4 | 973.6 | SW 11 | SW 8 | SW 11 | 7.6 | 7.4 | 7.0 | 80.4 | 8.7 | 10 | | | |
| DICIEMBRE | 987.0 | 988.3 | SW 9 | SW 8 | SW 10 | 7.2 | 7.0 | 7.3 | 36.2 | 9.8 | 30 | | | |
| ANUAL | 983.3 | 984.4 | NW 10 | NW 11 | NW 10 | 7.2 | 7.1 | 6.7 | 971.0 | 22.5 | OCT | | | |

AÑO : 1990

| MES | FRECUENCIA Y VELOCIDAD MEDIA DEL VIENTO (nudos) | | | | | | | | | | | | | | | NUMERO DE DATOS FALTANTES | | |
|------------|---|----|----|----|-----|----|-----|----|----|----|-----|----|-----|----|-----|---------------------------------|-------|----|
| | N | | NE | | E | | SE | | S | | SW | | W | | NW | | CALMA | |
| | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | V | N° | | V | N° |
| ENERO | 10 | 9 | 12 | 9 | 22 | 11 | 22 | 16 | - | - | 10 | 8 | 10 | 8 | 7 | 6 | - | - |
| FEBRERO | 8 | 12 | 5 | 10 | 5 | 14 | 6 | 9 | 3 | 11 | 8 | 9 | 13 | 11 | 36 | 9 | - | - |
| MARZO | 16 | 11 | - | - | 7 | 9 | 13 | 13 | 1 | 12 | 2 | 13 | 22 | 11 | 25 | 11 | 7 | - |
| ABRIL | 11 | 8 | 6 | 5 | 23 | 20 | 22 | 18 | 2 | 3 | 9 | 8 | 9 | 11 | 4 | 11 | 4 | - |
| MAYO | 12 | 12 | 4 | 8 | 13 | 12 | 31 | 12 | - | - | 3 | 3 | 3 | 7 | 18 | 8 | 9 | - |
| JUNIO | 13 | 11 | 1 | 5 | 11 | 17 | 14 | 12 | 1 | 6 | 7 | 15 | 17 | 10 | 16 | 10 | 10 | - |
| JULIO | 23 | 14 | 4 | 9 | 18 | 15 | 13 | 11 | - | - | 14 | 9 | 5 | 9 | 8 | 8 | 8 | - |
| AGOSTO | 4 | 20 | 1 | 5 | 12 | 18 | 2 | 11 | 4 | 4 | 31 | 16 | 15 | 11 | 17 | 14 | 7 | - |
| SEPTIEMBRE | 3 | 12 | 1 | 20 | 2 | 20 | 1 | 4 | 5 | 10 | 23 | 15 | 28 | 10 | 21 | 12 | 6 | - |
| OCTUBRE | 5 | 12 | - | - | 10 | 15 | 2 | 8 | 3 | 13 | 20 | 12 | 27 | 10 | 18 | 10 | 8 | - |
| NOVIEMBRE | 4 | 16 | 1 | 10 | 4 | 14 | - | - | 4 | 7 | 32 | 10 | 21 | 12 | 21 | 13 | 3 | - |
| DICIEMBRE | 2 | 7 | 6 | 7 | 7 | 8 | 1 | 6 | 4 | 11 | 26 | 10 | 14 | 8 | 22 | 10 | 11 | - |
| ANUAL | 111 | 12 | 41 | 8 | 134 | 15 | 127 | 13 | 27 | 9 | 185 | 11 | 184 | 10 | 213 | 10 | 73 | - |

| MES | NUMERO DE DIAS CON : | | | | | | | |
|--------------|----------------------|-------------|-------------|----------------------|------------|-----------|-------------------|----------|
| | TEMPERATURA (° C) | | | PRECIPITACION (mm) | | | NUBES (octavos) | |
| | Mín ≤ 0 | Máx ≥ 25 | Mín ≥ 20 | ≥ 0.1 | ≥ 1.0 | ≥ 10.0 | ≥ 6/8 | ≤ 2/8 |
| ENERO | 8 | - | - | 20 | 14 | - | 28 | - |
| FEBRERO | 5 | - | - | 21 | 14 | 2 | 24 | - |
| MARZO | 21 | - | - | 27 | 21 | 3 | 29 | - |
| ABRIL | 30 | - | - | 20 | 16 | 1 | 25 | - |
| MAYO | 31 | - | - | 17 | 14 | 3 | 22 | - |
| JUNIO | 30 | - | - | 22 | 17 | 5 | 24 | - |
| JULIO | 31 | - | - | 21 | 17 | 1 | 24 | - |
| AGOSTO | 31 | - | - | 24 | 20 | 2 | 22 | - |
| SEPTIEMBRE | 30 | - | - | 18 | 15 | - | 21 | 1 |
| OCTUBRE | 31 | - | - | 26 | 21 | 2 | 27 | - |
| NOVIEMBRE | 29 | - | - | 22 | 17 | - | 28 | - |
| DICIEMBRE | 23 | - | - | 20 | 11 | - | 27 | - |
| ANUAL | 300 | - | - | 258 | 197 | 19 | 301 | 1 |

AÑO: 1990

Radiación Solar

CATASTRO DE ESTACIONES

PAGINA : 88

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|---------------|----------------------------|---------------|----------------------------|-------------------------------|---------------------------------|
| 89 | ANTOFAGASTA CERRO MORENO | II | 23°26' | 70°26' | 135 |
| 89 | ISLA DE PASCUA MATAVERI | V | 23°09' | 109°25' | 51 |
| 89 | COPIAPO CHAMONATE | III | 27°18' | 70°25' | 291 |
| 90 | VALLENAR | III | 28°35' | 70°46' | 514 |
| 90 | SANTIAGO PUDAHUEL | METROPOLITANA | 33°23' | 70°47' | 475 |
| 90 | COYHAIQUE TENIENTE VIDAL | XI | 45°35' | 72°07' | 310 |
| 91 | PUNTA ARENAS CARLOS IBAÑEZ | XII | 53°00' | 70°51' | 37 |

RADIACION GLOBAL SOLAR (watt hora / mt²)

PAGINA : 89

NOMBRE ESTACION : ANTOFAGASTA CERRO MORENO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEDIA | 7731 | 7363 | 6279 | 5468 | 3935 | 3624 | 3675 | 4778 | 5897 | 6751 | 7391 | 7479 | 5854 |
| MAX 24 hrs | 8547 | 8252 | 7492 | 6295 | 5186 | 4255 | 4723 | 5661 | 7232 | 7757 | 8484 | 8749 | 8749 |

NOMBRE ESTACION : ISLA DE PASCUA MATAVERI

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEDIA | 5837 | 4907 | 4054 | 3730 | 2496 | 2204 | 2337 | 3066 | 4289 | 4563 | 5121 | 4695 | 3934 |
| MAX 24 hrs | 7142 | 6612 | 5393 | 4983 | 3771 | 2957 | 3524 | 4202 | 5834 | 6303 | 6826 | 6657 | 7142 |

NOMBRE ESTACION : COPIAPO CHAMONATE

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|------|-----|-----|-----|------|------|------|------|-------|
| MEDIA | 7419 | 7189 | 5787 | 4407 | 3570 | . | . | . | 5402 | 6541 | 7282 | 7828 | . |
| MAX 24 hrs | 8753 | 8307 | 7554 | 5613 | 4617 | . | . | . | 6849 | 7974 | 8737 | 8801 | . |

AÑO: 1990

RADIACION GLOBAL SOLAR (watt hora / mt²)

PAGINA : 90

NOMBRE ESTACION : VALLENAR

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| MEDIA | 7991 | 7161 | 5990 | 4615 | 3817 | 3199 | 3422 | 4196 | 5403 | 6772 | 7622 | 8228 | 5694 |
| MAX 24 hrs | 8907 | 8368 | 7329 | 5790 | 4770 | 3949 | 4384 | 5574 | 7063 | 8211 | 8796 | 8979 | 8979 |

NOMBRE ESTACION : SANTIAGO PUDAHUEL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| MEDIA | 8284 | 7101 | 5730 | 3741 | 2777 | 2285 | 2527 | 3101 | 3845 | 5646 | 7728 | 7871 | 5043 |
| MAX 24 hrs | 8814 | 8378 | 7246 | 5504 | 3839 | 3131 | 3765 | 4752 | 6430 | 7655 | 8758 | 9057 | 9057 |

NOMBRE ESTACION : COYHAIQUE TENIENTE VIDAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| MEDIA | 6199 | 5716 | 4202 | 2612 | 1285 | 869 | 1254 | 2250 | 3264 | 4959 | 5751 | 6717 | 3747 |
| MAX 24 hrs | 8905 | . | 6396 | 4463 | 2758 | . | . | . | 5367 | . | . | . | . |

AÑO: 1990

RADIACION GLOBAL SOLAR (watt hora / mt²)

PAGINA : 91

NOMBRE ESTACION : PUNTA ARENAS C. IBAÑEZ

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MEDIA | 5916 | 4789 | 3029 | 2035 | 715 | 616 | 710 | 1500 | 2861 | 4360 | 6204 | 6096 | 3226 |
| MAX 24 hrs | 9273 | 7708 | 5670 | 3554 | 1851 | 1007 | 1420 | 2693 | 4755 | 6696 | 8500 | 9518 | 9518 |

AÑO: 1990

Pluviometría

CATASTRO DE ESTACIONES

PAGINA : 93

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|-------------------------|--------|--------------------|-----------------------|-------------------------|
| 105 | VILLA INDUSTRIAL | I | 17°47' | 69°43' | 4059 |
| 105 | ALCERRECA RETEN | I | 17°59' | 69°45' | 3870 |
| 105 | CHAPIQUIÑA RETEN | I | 18°24' | 69°33' | 3280 |
| 106 | CODPA RETEN | I | 18°50' | 69°45' | 1837 |
| 106 | CAMIÑA TENENCIA | I | 19°19' | 69°26' | 2380 |
| 106 | HUATACONDO | I | 20°56' | 69°05' | 2450 |
| 107 | QUILLAGUA RETEN | I | 21°38' | 69°33' | 802 |
| 107 | VISVIRI TENENCIA | I | 17°37' | 69°30' | 4070 |
| 107 | GUALLATIRE RETEN | I | 18°30' | 69°09' | 4280 |
| 108 | MAMIÑA RETEN | I | 20°05' | 69°14' | 2730 |
| 108 | ANTOFAGASTA U DEL NORTE | II | 23°41' | 70°25' | 35 |
| 108 | CALAMA EL LOA | II | 22°29' | 68°54' | 2270 |
| 109 | SN PEDRO DE ATACAMA | II | 22°55' | 68°13' | 2438 |
| 109 | SOCOMPA RETEN | II | 24°25' | 68°18' | 3915 |
| 109 | CHAÑARAL | III | 26°20' | 70°37' | 9 |
| 110 | EL SALVADOR TENENCIA | III | 26°19' | 69°37' | 2400 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 94

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|--------------------------|--------|--------------------|-----------------------|-------------------------|
| 110 | COPIAPO CHAMONATE | III | 27°18' | 70°25' | 291 |
| 110 | COPIAPO PARTICULAR | III | 27°22' | 70°18' | 350 |
| 111 | LOS LOROS RETEN SACRAM. | III | 27°50' | 70°06' | 948 |
| 111 | VALLENAR | III | 28°35' | 70°46' | 469 |
| 111 | EL TRANSITO ESCUELA | III | 28°52' | 70°16' | 1200 |
| 112 | SAN FELIX RETEN | III | 28°55' | 70°27' | 1100 |
| 112 | LA PAMPA EL PARRAL | III | 28°59' | 70°13' | 1200 |
| 112 | EL TANGUE HACIENDA | IV | 30°19' | 71°36' | 50 |
| 113 | PACHINGO FUNDO | IV | 30°27' | 71°32' | 70 |
| 113 | PUERTO OSCURO | IV | 31°25' | 71°35' | 140 |
| 113 | LOS VILOS SUBCOMISARIA | IV | 31°54' | 71°30' | 20 |
| 114 | CAIMANES FUNDO | IV | 31°56' | 71°10' | 520 |
| 114 | QUILIMARI | IV | 32°08' | 71°30' | 25 |
| 114 | EL CARMEN DE TOTORALILLO | IV | 32°03' | 71°33' | 30 |
| 115 | EL MOLLE RETEN | IV | 29°58' | 70°57' | 70 |
| 115 | JUNTAS DEL TORO TENENCIA | IV | 29°50' | 70°23' | 1220 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 95

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|--------------------------|--------|--------------------|-----------------------|-------------------------|
| 115 | VICUÑA COMISARIA | IV | 30°02' | 70°44' | 610 |
| 116 | PISCO ELQUI RETEN | IV | 30°07' | 70°29' | 1295 |
| 116 | LOS NICHOS FUNDO | IV | 30°09' | 70°31' | 1310 |
| 116 | ANDACOLLO TENENCIA | IV | 30°14' | 71°05' | 1025 |
| 117 | PISCO ELQUI FUNDO | IV | 30°07' | 70°29' | 1250 |
| 117 | COMBARBALA SENDOS | IV | 31°11' | 71°00' | 904 |
| 117 | HURTADO RETEN | IV | 30°16' | 70°41' | 1200 |
| 118 | LOS PEÑONES SENDOS | IV | 30°37' | 71°13' | 200 |
| 118 | LAS TORTOLAS RETEN | IV | 30°44' | 70°36' | 1300 |
| 118 | TULAHUEN RETEN | IV | 31°01' | 70°44' | 1095 |
| 119 | COMBARBALA SUBCOMISARIA | IV | 31°10' | 71°02' | 875 |
| 119 | CERRILLOS DE TAMAYA RTN. | IV | 30°35' | 71°25' | 300 |
| 119 | ILLAPEL SENDOS | IV | 31°38' | 71°10' | 310 |
| 120 | SALAMANCA C. C. T. | IV | 31°47' | 70°58' | 500 |
| 120 | SALAMANCA COLONIA | IV | 31°48' | 70°55' | 570 |
| 120 | COIRON RETEN | IV | 31°54' | 70°46' | 787 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 96

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|---------------------------|--------|--------------------|-----------------------|-------------------------|
| 121 | HUAQUEN HACIENDA | V | 32°18' | 71°28' | 200 |
| 121 | EL COBRE FUNDO STA. MARIA | V | 32°26' | 71°21' | 57 |
| 121 | CATAPILCO | V | 32°34' | 71°18' | 95 |
| 122 | PUCHUNCAVI HACIENDA | V | 32°44' | 71°26' | 117 |
| 122 | RODELILLO AD. | V | 33°05' | 71°34' | 360 |
| 122 | QUILPUE SENDOS | V | 33°04' | 71°28' | 101 |
| 123 | MARGA - MARGA | V | 33°05' | 71°24' | 160 |
| 123 | PUNTA CURAUMILLA FARO | V | 33°06' | 71°45' | 85 |
| 123 | CASABLANCA ESVAL | V | 33°19' | 71°24' | 253 |
| 124 | PUNTA PANUL FARO | V | 33°34' | 71°37' | 63 |
| 124 | LA LIGUA ESVAL | V | 32°27' | 71°16' | 58 |
| 124 | LA VEGA FUNDO | V | 32°25' | 71°02' | 369 |
| 125 | LLAY - LLAY | V | 32°50' | 70°59' | 385 |
| 125 | LA CANELA FUNDO | V | 32°42' | 71°20' | 450 |
| 125 | SAN FELIPE ESC. AGRICOLA | V | 32°46' | 70°43' | 650 |
| 126 | SAN FELIPE EJERCITO | V | 32°46' | 70°43' | 650 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 97

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|---------------|--------------------------|---------------|----------------------------|-------------------------------|---------------------------------|
| 126 | CURIMON ESCUELA AGRICOLA | V | 32°47' | 70°41' | 712 |
| 126 | SAN ESTEBAN RETEN | V | 32°48' | 70°37' | 832 |
| 127 | LOS ANDES COMISARIA | V | 32°50' | 70°36' | 816 |
| 127 | RINCONADA RETEN | V | 32°53' | 70°41' | 850 |
| 127 | RADIO FARO EL TABON | V | 32°55' | 70°49' | 840 |
| 128 | LIMACHE ESVAL | V | 33°01' | 71°18' | 120 |
| 128 | LAS MAJADAS FUNDO | V | 33°34' | 71°31' | 240 |
| 128 | ISLA DE PASCUA F. VAITEA | V | 27°06' | 109°21' | 170 |
| 129 | NAVIDAD | VI | 33°57' | 71°50' | 100 |
| 129 | PIUCHEN | VI | 34°39' | 71°42' | 175 |
| 129 | STA ISABEL DE QUERELEMA | VI | 34°37' | 71°56' | 127 |
| 130 | HACIENDA PUMANQUE | VI | 34°37' | 71°40' | 112 |
| 130 | LOLOL HACIENDA | VI | 34°45' | 71°40' | 170 |
| 130 | SEWELL | VI | 34°05' | 70°24' | 2155 |
| 131 | COLON | VI | 34°06' | 70°27' | 1640 |
| 131 | PARRON | VI | 34°16' | 70°40' | 692 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 98

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|--------------------------|--------|--------------------|-----------------------|-------------------------|
| 131 | RENGO SENDOS | VI | 34°24' | 70°52' | 319 |
| 132 | CHIMBARONGO SAN BENITO | VI | 34°43' | 71°01' | 314 |
| 132 | MACHALI SENDOS | VI | 34°12' | 70°40' | 620 |
| 132 | VIÑA VIEJA FUNDO | VI | 34°26' | 71°05' | 215 |
| 133 | GRANEROS SENDOS | VI | 34°04' | 70°44' | 479 |
| 133 | GRANEROS EXP. SNA | VI | 34°04' | 70°44' | 475 |
| 133 | BARAHONA | VI | 34°07' | 70°31' | 1672 |
| 134 | CENTRAL PANGAL CASA DE F | VI | 34°15' | 70°20' | 920 |
| 134 | BOCATOMA PANGAL | VI | 34°16' | 70°20' | 1428 |
| 134 | BOCATOMA CACHAPOAL | VI | 34°16' | 70°28' | 900 |
| 135 | SAN JOSE DE MARCHIHUE | VI | 34°18' | 71°29' | 113 |
| 135 | MARCHIGUE LICEO MUNICIP. | VI | 34°24' | 71°36' | 137 |
| 135 | FUNDO LIHUEIMO | VI | 34°32' | 71°27' | 150 |
| 136 | SAN DIEGO DE PUQUILLAY | VI | 34°32' | 71°30' | 330 |
| 136 | SAN FERNANDO CLUB AEREO | VI | 34°35' | 70°59' | 350 |
| 136 | SAN FERNANDO SENDOS | VI | 34°35' | 71°00' | 350 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 99

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|-------------------------|--------|--------------------|-----------------------|-------------------------|
| 137 | NANCAGUA C.C.T. | VI | 34°41' | 71°12' | 370 |
| 137 | LAS ARAÑAS | VI | 34°42' | 71°15' | 334 |
| 137 | COYA | VI | 34°12' | 70°33' | 785 |
| 138 | LLICO R. LAGUNA TORCA | VII | 34°45' | 72°07' | 10 |
| 138 | ILOCA SENDOS | VII | 34°57' | 72°13' | 50 |
| 138 | EL CARMEN DE CHANCO | VII | 35°41' | 72°33' | 75 |
| 139 | TENO SENDOS | VII | 34°52' | 71°10' | 408 |
| 139 | CUREPTO SENDOS | VII | 35°05' | 72°03' | 60 |
| 139 | LOS PRETILES DE YACAL | VII | 35°13' | 71°07' | 475 |
| 140 | NIRIVILO RETEN | VII | 35°34' | 72°03' | 80 |
| 140 | SAN JAVIER PARTICULAR | VII | 35°36' | 71°44' | 80 |
| 140 | SANTA MARINA DE PUTAGAN | VII | 35°45' | 71°38' | 125 |
| 141 | LINARES SENDOS | VII | 35°50' | 71°36' | 137 |
| 141 | LONGAVI SENDOS | VII | 35°58' | 71°12' | 145 |
| 141 | CAUQUENES SENDOS | VII | 35°58' | 72°20' | 142 |
| 142 | QUELLA RETEN | VII | 36°03' | 72°07' | 200 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 100

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|--------------------------|--------|--------------------|-----------------------|-------------------------|
| 142 | ACHIBUENO RETEN | VII | 36°05' | 71°23' | 585 |
| 142 | PARRAL SENDOS | VII | 36°09' | 71°50' | 170 |
| 143 | PUNTA HUALPEN FARO | VIII | 36°46' | 73°12' | 48 |
| 143 | CERRO CARACOL SENDOS | VIII | 36°50' | 73°03' | 100 |
| 143 | NONGUEN SENDOS | VIII | 36°52' | 72°58' | 145 |
| 144 | LEBU ESTANQUES | VIII | 37°35' | 73°40' | 50 |
| 144 | CAÑETE COMISARIA | VIII | 37°48' | 73°24' | 60 |
| 144 | DIGUA EMBALSE | VIII | 36°20' | 71°24' | 300 |
| 145 | EMBALSE BULLILEO | VIII | 36°17' | 71°25' | 600 |
| 145 | SAN IGNACIO DE PALOMARES | VIII | 36°38' | 72°23' | 15 |
| 145 | HUALQUI SENDOS | VIII | 36°58' | 72°57' | 21 |
| 146 | SAN CARLOS SENDOS | VIII | 36°25' | 71°55' | 172 |
| 146 | SAN FABIAN DE ALICO | VIII | 36°34' | 71°36' | 500 |
| 146 | BULNES SENDOS | VIII | 36°45' | 72°19' | 83 |
| 147 | PEMUCO TENENCIA | VIII | 36°58' | 72°07' | 178 |
| 147 | SAN CRISTOBAL FUNDO | VIII | 37°10' | 72°35' | 110 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 101

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|---------------|--------------------------|---------------|----------------------------|-------------------------------|---------------------------------|
| 147 | CHIGUAYANTE SENDOS | VIII | 36°55' | 73°02' | 18 |
| 148 | CABRERO SENDOS | VIII | 37°01' | 72°24' | 130 |
| 148 | LA PALMA HACIENDA | VIII | 37°15' | 72°35' | 160 |
| 148 | TUCAPEL RETEN | VIII | 37°17' | 71°57' | 335 |
| 149 | COLONIA SAN GERARDO | VIII | 37°32' | 71°51' | 350 |
| 149 | VILLUCURA RETEN | VIII | 37°33' | 71°55' | 357 |
| 149 | EL TAMBILLO FUNDO | VIII | 37°33' | 72°40' | 125 |
| 150 | PARCELA 10 LOS NOTROS | VIII | 37°39' | 71°55' | 300 |
| 150 | SANTA BARBARA SENDOS | VIII | 37°40' | 72°02' | 225 |
| 150 | MULCHEN SENDOS | VIII | 37°43' | 72°15' | 125 |
| 151 | LA ARAUCANIA | VIII | 37°47' | 72°43' | 70 |
| 151 | ANGOL LOS ESTANQUES | VIII | 37°48' | 72°42' | 79 |
| 151 | TRAIGUEN REG. MIRAFLORES | IX | 38°15' | 72°40' | 175 |
| 152 | SELVA OSCURA RETEN | IX | 38°21' | 72°11' | 449 |
| 152 | VISTA HERMOSA GRANJA | IX | 38°26' | 72°52' | 46 |
| 152 | CURACAUTIN SENDOS | IX | 38°26' | 71°54' | 571 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 102

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|-------------------------------|--------|--------------------|-----------------------|-------------------------|
| 153 | CARAHUE SENDOS | IX | 38°43' | 73°09' | 10 |
| 153 | LAUTARO SENDOS | IX | 38°31' | 72°26' | 214 |
| 153 | NUEVA IMPERIAL SENDOS | IX | 38°45' | 72°56' | 26 |
| 154 | LA TORCAZA | IX | 38°54' | 72°29' | 120 |
| 154 | LOS SAUCES SENDOS | IX | 37°58' | 72°50' | 107 |
| 154 | CUNCO SENDOS | IX | 38°56' | 72°02' | 360 |
| 155 | CURACO EN LA Balsa | IX | 39°03' | 72°12' | 250 |
| 155 | FLOR DEL LAGO | IX | 39°09' | 72°07' | 300 |
| 155 | QUILENTUE FUNDO | IX | 39°21' | 72°07' | 389 |
| 156 | SAN JOSE DE LA MARIQUINA | X | 39°31' | 72°58' | 40 |
| 156 | CHAITEN AERÓDROMO | X | 42°55' | 72°43' | 7 |
| 156 | FRUTILLAR CENTRO EXPERIMENTAL | X | 41°08' | 73°02' | 80 |
| 157 | PUERTO VARAS | X | 41°20' | 72°59' | 74 |
| 157 | LAGO RANCO | X | 40°18' | 72°30' | 79 |
| 157 | LA UNION SENDOS | X | 40°18' | 73°06' | 29 |
| 158 | RIO BUENO | X | 40°20' | 72°56' | 70 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 103

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|--------|--------------------------|---------------|--------------------|-----------------------|-------------------------|
| 158 | SAN PABLO | X | 40°25' | 73°01' | 60 |
| 158 | OSORNO OVEJERIA | X | 40°35' | 73°09' | 24 |
| 159 | PUNTA HUANO | X | 41°08' | 72°17' | 200 |
| 159 | LA ENSENADA | X | 41°12' | 72°32' | 52 |
| 159 | PURULON ESC. AGRICOLA | X | 39°28' | 72°36' | 95 |
| 160 | REUMEN | X | 39°58' | 72°51' | 70 |
| 160 | SEGUNDO CORRAL AERÓDROMO | X | 42°05' | 71°51' | 251 |
| 160 | FUTALEUFU AERÓDROMO | X | 43°12' | 71°49' | 350 |
| 161 | QUELLON AERÓDROMO | X | 43°10' | 73°43' | 16 |
| 161 | PUYUHUAPI | XI | 44°19' | 72°37' | 5 |
| 161 | PUERTO AYSÉN AERÓDROMO | XI | 45°24' | 72°40' | 11 |
| 162 | COYHAIQUE ESC. AGRICOLA | XI | 45°33' | 72°02' | 343 |
| 162 | CHILE CHICO AERÓDROMO | XI | 46°33' | 71°42' | 328 |
| 162 | LORD COCHRANE AERÓDROMO | XI | 47°14' | 72°33' | 169 |
| 163 | MORRO CHICO RETEN | XII | 52°06' | 71°25' | 152 |
| 163 | HACIENDA LONGOVILO | METROPOLITANA | 33°57' | 71°24' | 157 |

AÑO: 1990

CATASTRO DE ESTACIONES

PAGINA : 104

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|---------------|---------------------------|---------------|----------------------------|-------------------------------|---------------------------------|
| 163 | SANTIAGO LOS CERRILLOS | METROPOLITANA | 33°29' | 70°41' | 519 |
| 164 | TOBALABA AERÓDROMO | METROPOLITANA | 33°27' | 70°32' | 638 |
| 164 | FARELLONES SKY CLUB | METROPOLITANA | 33°20' | 70°18' | 2400 |
| 164 | CENTRAL FLORIDA | METROPOLITANA | 33°33' | 70°33' | 665 |
| 165 | CENTRAL LOS MORROS | METROPOLITANA | 33°38' | 70°40' | 580 |
| 165 | QUELTEHUE CENTRAL | METROPOLITANA | 33°49' | 70°12' | 1365 |
| 165 | PELDEHUE | METROPOLITANA | 33°11' | 70°39' | 700 |
| 166 | EL TRANQUE LEPE FUNDO | METROPOLITANA | 33°16' | 71°07' | 250 |
| 166 | VALLE HERMOSO FUNDO | METROPOLITANA | 33°17' | 70°38' | 475 |
| 166 | LOS RULOS FUNDO | METROPOLITANA | 33°19' | 70°35' | 670 |
| 167 | LA OBRA DEL MAIPO | METROPOLITANA | 33°35' | 70°30' | 799 |
| 167 | CALERA DE TANGO C. SOLOA | METROPOLITANA | 33°37' | 70°47' | 500 |
| 167 | SAN JOSE DE MAIPO S. COM. | METROPOLITANA | 33°38' | 70°22' | 992 |
| 168 | SAN GABRIEL RETEN | METROPOLITANA | 33°46' | 70°14' | 1200 |
| 168 | ACULEO RANGUE | METROPOLITANA | 33°50' | 70°57' | 370 |
| 168 | QUEBRADA SAN RAMON | METROPOLITANA | 33°30' | 70°32' | 880 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 105

NOMBRE ESTACION : VILLA INDUSTRIAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|------|-----|-----|-----|-----|-----|------|-------|-------|
| TOTAL | 76.0 | 42.0 | 83.0 | 25.0 | 17.0 | 3.0 | - | - | - | 2.0 | 20.0 | 138.0 | 406.0 |
| MAX 24 hrs | 18.0 | 22.0 | 16.0 | 10.0 | 15.0 | 3.0 | - | - | - | 2.0 | 5.0 | 27.0 | 27.0 |

NOMBRE ESTACION : ALCERRECA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|-----|-----|------|-----|-----|-----|-----|-----|-------|-------|
| TOTAL | 39.0 | 28.0 | 62.0 | 3.0 | 4.0 | 26.0 | - | - | - | - | 5.0 | 106.0 | 273.0 |
| MAX 24 hrs | 18.0 | 13.0 | 27.0 | 3.0 | 2.0 | 10.0 | - | - | - | - | 3.0 | 15.0 | 27.0 |

NOMBRE ESTACION : CHAPIQUIÑA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|
| TOTAL | 7.0 | 24.1 | 12.6 | - | 0.9 | 7.2 | - | - | - | 0.2 | 1.4 | 57.2 | 110.6 |
| MAX 24 hrs | 2.0 | 21.7 | 4.5 | - | 0.5 | 3.4 | - | - | - | 0.1 | 0.7 | 13.0 | 21.7 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 106

NOMBRE ESTACION : CODPA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | - | - | - | - | - | - | 2.5 | 2.5 |
| MAX 24 hrs | - | - | - | - | - | - | - | - | - | - | - | 1.5 | 1.5 |

NOMBRE ESTACION : CAMIÑA TENENCIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | 115.0 | 5.0 | - | - | 2.0 | - | - | - | - | - | 0.5 | 122.5 |
| MAX 24 hrs | - | 95.5 | 5.0 | - | - | 2.0 | - | - | - | - | - | 0.5 | 95.5 |

NOMBRE ESTACION : HUATACONDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | 3.0 | - | - | - | - | - | - | - | - | - | - | 3.0 |
| MAX 24 hrs | - | 3.0 | - | - | - | - | - | - | - | - | - | - | 3.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 107

NOMBRE ESTACION : QUILLAGUA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MAX 24 hrs | - | - | - | - | - | - | - | - | - | - | - | - | - |

NOMBRE ESTACION : VISVIRI TENENCIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|
| TOTAL | 67.0 | 19.6 | 45.0 | - | 2.0 | 4.0 | - | - | - | 4.0 | 9.0 | 69.0 | 219.6 |
| MAX 24 hrs | 9.0 | 10.0 | 8.0 | - | 2.0 | 4.0 | - | - | - | 2.0 | 5.0 | 12.0 | 12.0 |

NOMBRE ESTACION : GUALLATIRE RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|
| TOTAL | 76.0 | 10.0 | 35.0 | 7.0 | 2.0 | - | - | - | - | 8.0 | 7.0 | 72.0 | 217.0 |
| MAX 24 hrs | 12.0 | 7.0 | 15.0 | 4.0 | 1.0 | - | - | - | - | 5.0 | 2.0 | 23.0 | 23.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 108

NOMBRE ESTACION : MAMIÑA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|
| TOTAL | - | 8.0 | - | - | - | 0.5 | - | - | - | - | - | 10.1 | 18.6 |
| MAX 24 hrs | - | 4.5 | - | - | - | 0.5 | - | - | - | - | - | 5.6 | 5.6 |

NOMBRE ESTACION : ANTOFAGASTA U DEL NORTE

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | . | 0.0 | - | - | 0.0 | - | - | - | - | - | - | . |
| MAX 24 hrs | - | . | 0.0 | - | - | 0.0 | - | - | - | - | - | - | . |

NOMBRE ESTACION : CALAMA EL LOA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | 0.2 | 0.0 | - | - | 0.5 | 0.2 | - | - | - | - | - | 0.9 |
| MAX 24 hrs | - | 0.2 | 0.0 | - | - | 0.4 | 0.2 | - | - | - | - | - | 0.4 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 109

NOMBRE ESTACION : SN. PEDRO DE ATACAMA ESC

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | 4.5 | - | - | - | - | - | . | - | - | 5.7 | . |
| MAX 24 hrs | - | - | 4.5 | - | - | - | - | - | . | - | - | 2.6 | . |

NOMBRE ESTACION : SOCOMPA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-------|
| TOTAL | 4.5 | 2.0 | - | - | - | - | - | - | - | - | - | 17.7 | 24.2 |
| MAX 24 hrs | 2.5 | 2.0 | - | - | - | - | - | - | - | - | - | 6.5 | 6.5 |

NOMBRE ESTACION : CHAÑARAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | 0.0 | - | 0.0 | 0.0 | 0.4 | - | - | 0.0 | 0.0 | - | 0.4 |
| MAX 24 hrs | - | - | 0.0 | - | 0.0 | 0.0 | 0.4 | - | - | - | - | - | 0.4 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 110

NOMBRE ESTACION : EL SALVADOR TENENCIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | - | - | - | - | - | - | - | - |
| MAX 24 hrs | - | - | - | - | - | - | - | - | - | - | - | - | - |

NOMBRE ESTACION : COPIAPO CHAMONATE

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 0.0 | 0.0 | - | - | 0.0 | - | - | 0.0 |
| MAX 24 hrs | - | - | - | - | - | 0.0 | 0.0 | - | - | 0.0 | - | - | - |

NOMBRE ESTACION : COPIAPO PARTICULAR

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | 0.0 | 0.0 | 0.3 | - | 0.0 | - | - | - | 0.3 |
| MAX 24 hrs | - | - | - | - | 0.0 | 0.0 | 0.3 | - | 0.0 | - | - | - | 0.3 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 111

NOMBRE ESTACION : LOS LOROS RETEN SACRAM.

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | - | 5.0 | - | - | - | - | - | 5.0 |
| MAX 24 hrs | - | - | - | - | - | - | 5.0 | - | - | - | - | - | 5.0 |

NOMBRE ESTACION : VALLENAR

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | 0.2 | 0.2 | 0.5 | 1.0 | 8.5 | 0.4 | 0.0 | 0.2 | - | - | 11.0 |
| MAX 24 hrs | - | - | 0.2 | 0.2 | 0.3 | 0.4 | 6.7 | 0.2 | 0.0 | 0.2 | - | - | 6.7 |

NOMBRE ESTACION : EL TRANSITO ESCUELA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | - | 30.3 | - | - | - | - | - | 30.3 |
| MAX 24 hrs | - | - | - | - | - | - | 30.3 | - | - | - | - | - | 30.3 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 112

NOMBRE ESTACION : SAN FELIX RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | - | 26.0 | - | - | - | - | - | 26.0 |
| MAX 24 hrs | - | - | - | - | - | - | 26.0 | - | - | - | - | - | 26.0 |

NOMBRE ESTACION : LA PAMPA EL PARRAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 0.0 | 37.0 | - | 1.5 | - | - | - | 38.5 |
| MAX 24 hrs | - | - | - | - | - | 0.0 | 37.0 | - | 1.5 | - | - | - | 37.0 |

NOMBRE ESTACION : EL TANGUE HACIENDA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 6.0 | 15.5 | 0.7 | - | - | - | - | 22.2 |
| MAX 24 hrs | - | - | - | - | - | 6.0 | 9.5 | 0.7 | - | - | - | - | 9.5 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 113

NOMBRE ESTACION : PACHINGO FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 2.7 | 15.4 | - | 0.9 | - | - | - | 19.0 |
| MAX 24 hrs | - | - | - | - | - | 2.7 | 10.3 | - | 0.9 | - | - | - | 10.3 |

NOMBRE ESTACION : PUERTO OSCURO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-------|
| TOTAL | 0.0 | - | 6.2 | 1.4 | - | 0.0 | 33.1 | 1.0 | 10.5 | 5.5 | 0.0 | 0.0 | 57.7 |
| MAX 24 hrs | - | - | 6.2 | 1.4 | - | - | 15.1 | 1.0 | 10.5 | 5.5 | - | - | 15.1 |

NOMBRE ESTACION : LOS VILOS SUBCOMISARIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|-----|------|------|-----|-----|-------|
| TOTAL | - | - | 3.0 | - | - | - | 25.7 | 3.5 | 21.7 | 11.0 | - | - | 64.9 |
| MAX 24 hrs | - | - | 3.0 | - | - | - | 10.5 | 3.5 | 12.2 | 11.0 | - | - | 12.2 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 114

NOMBRE ESTACION : CAIMANES FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | - | 42.6 | 21.7 | 22.4 | 5.0 | - | - | 91.7 |
| MAX 24 hrs | - | - | - | - | - | - | 18.5 | 16.0 | 22.4 | 5.0 | - | - | 22.4 |

NOMBRE ESTACION : QUILIMARI

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 2.3 | - | - | - | 41.2 | 18.3 | 14.5 | 9.9 | - | - | 86.2 |
| MAX 24 hrs | - | - | 2.3 | - | - | - | 18.5 | 15.3 | 13.5 | 9.9 | - | - | 18.5 |

NOMBRE ESTACION : EL CARMEN DE TOTORALILLO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 1.3 | - | 3.5 | - | 37.7 | 10.9 | 18.1 | 16.4 | 0.0 | - | 87.9 |
| MAX 24 hrs | - | - | 1.3 | - | 3.5 | - | 15.2 | 8.5 | 8.2 | 16.4 | 0.0 | - | 16.4 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 115

NOMBRE ESTACION : EL MOLLE RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 0.5 | 32.0 | - | 1.0 | - | - | - | 33.5 |
| MAX 24 hrs | - | - | - | - | - | 0.5 | 28.0 | - | 1.0 | - | - | - | 28.0 |

NOMBRE ESTACION : JUNTAS DEL TORO TENENCIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-------|
| TOTAL | - | - | - | 1.8 | - | - | 14.6 | 3.0 | 27.2 | - | - | - | 46.6 |
| MAX 24 hrs | - | - | - | 1.8 | - | - | 14.6 | 3.0 | 16.8 | - | - | - | 16.8 |

NOMBRE ESTACION : VICUÑA COMISARIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | . | - | - | 0.2 | 53.4 | 0.8 | 3.2 | 1.5 | - | - | . |
| MAX 24 hrs | - | - | . | - | - | 0.2 | 47.5 | 0.8 | 2.6 | 1.5 | - | - | . |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 116

NOMBRE ESTACION : PISCO ELQUI RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 2.5 | 39.9 | 1.4 | 10.1 | - | - | - | 53.9 |
| MAX 24 hrs | - | - | - | - | - | 2.5 | 39.9 | 1.4 | 9.5 | - | - | - | 39.9 |

NOMBRE ESTACION : LOS NICHOS FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 2.0 | 54.5 | 2.5 | 13.0 | - | - | - | 72.0 |
| MAX 24 hrs | - | - | - | - | - | 2.0 | 26.5 | 2.5 | 12.0 | - | - | - | 26.5 |

NOMBRE ESTACION : ANDACOLLO TENENCIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 1.1 | 42.5 | - | 6.2 | - | . | . | . |
| MAX 24 hrs | - | - | - | - | - | 1.1 | 27.8 | - | 2.8 | - | . | . | . |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 117

NOMBRE ESTACION : PISCO ELQUI FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 1.9 | 40.8 | 2.0 | 9.4 | 0.0 | - | - | 54.1 |
| MAX 24 hrs | - | - | - | - | - | 1.9 | 39.6 | 2.0 | 9.4 | 0.0 | - | - | 39.6 |

NOMBRE ESTACION : COMBARBALA SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 7.5 | 43.5 | 6.5 | 9.0 | 2.5 | - | - | 69.0 |
| MAX 24 hrs | - | - | - | - | - | 7.5 | 20.0 | 6.5 | 9.0 | 2.5 | - | - | 20.0 |

NOMBRE ESTACION : HURTADO RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 1.0 | 51.0 | 2.0 | 10.0 | 1.0 | - | - | 65.0 |
| MAX 24 hrs | - | - | - | - | - | 1.0 | 41.0 | 2.0 | 8.0 | 1.0 | - | - | 41.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 118

NOMBRE ESTACION : LOS PEÑONES SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 3.1 | 26.2 | 1.5 | 2.7 | - | - | - | 33.5 |
| MAX 24 hrs | - | - | - | - | - | 3.1 | 13.0 | 1.3 | 2.7 | - | - | - | 13.0 |

NOMBRE ESTACION : LAS TORTOLAS RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 8.8 | 58.8 | 2.0 | 12.1 | 2.6 | - | - | 84.3 |
| MAX 24 hrs | - | - | - | - | - | 6.4 | 22.8 | 2.0 | 9.6 | 2.6 | - | - | 22.8 |

NOMBRE ESTACION : TULAHUEN RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|---------------|-----|-----|-----|-----|-----|-----|------|-----|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 1.5 | 39.0 | 9.0 | 13.5 | - | - | - | 63.0 |
| MAX 24 hrs | - | - | - | - | - | 1.5 | 28.2 | 9.0 | 13.5 | - | - | - | 28.2 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 119

NOMBRE ESTACION : COMBARBALA SUBCOMISARIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 10.5 | 39.5 | 5.4 | 8.2 | 2.2 | - | - | 65.8 |
| MAX 24 hrs | - | - | - | - | - | 10.5 | 14.5 | 5.4 | 8.2 | 2.2 | - | - | 14.5 |

NOMBRE ESTACION : CERRILLOS DE TAMAYA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 5.0 | 22.0 | 1.5 | 1.5 | - | - | - | 30.0 |
| MAX 24 hrs | - | - | - | - | - | 5.0 | 12.0 | 1.5 | 1.5 | - | - | - | 12.0 |

NOMBRE ESTACION : ILLAPEL SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | - | 43.1 | 6.7 | 9.8 | - | - | - | 59.6 |
| MAX 24 hrs | - | - | - | - | - | - | 27.7 | 6.7 | 9.8 | - | - | - | 27.7 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 120

NOMBRE ESTACION : SALAMANCA C. C. T.

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 0.3 | - | 0.0 | 4.7 | 36.1 | 16.3 | 14.9 | - | - | - | 72.3 |
| MAX 24 hrs | - | - | 0.3 | - | 0.0 | 4.7 | 15.1 | 14.2 | 14.7 | - | - | - | 15.1 |

NOMBRE ESTACION : SALAMANCA COLONIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | - | 2.5 | 38.5 | 19.0 | 14.5 | - | - | - | 74.5 |
| MAX 24 hrs | - | - | - | - | - | 2.5 | 16.0 | 14.0 | 14.5 | - | - | - | 16.0 |

NOMBRE ESTACION : COIRON RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | 2.0 | 10.0 | 42.0 | 25.0 | 27.0 | - | - | - | 106.0 |
| MAX 24 hrs | - | - | - | - | 2.0 | 10.0 | 18.0 | 17.0 | 23.0 | - | - | - | 23.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 121

NOMBRE ESTACION : HUAQUEN HACIENDA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 2.0 | - | - | - | 47.0 | 14.0 | 14.0 | - | - | - | 77.0 |
| MAX 24 hrs | - | - | 2.0 | - | - | - | 24.0 | 10.0 | 12.0 | - | - | - | 24.0 |

NOMBRE ESTACION : EL COBRE FUNDO STA. MARIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 6.1 | - | - | - | 74.0 | 18.9 | 28.0 | 13.6 | - | - | 140.6 |
| MAX 24 hrs | - | - | 6.1 | - | - | - | 44.0 | 12.5 | 16.5 | 13.6 | - | - | 44.0 |

NOMBRE ESTACION : CATAPILCO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | 0.0 | 0.0 | 4.2 | 0.0 | 1.9 | 1.3 | 49.4 | 20.3 | 20.6 | 4.8 | 0.0 | 0.0 | 102.5 |
| MAX 24 hrs | 0.0 | 0.0 | 4.2 | 0.0 | 1.6 | 1.3 | 24.5 | 10.4 | 13.3 | 4.8 | 0.0 | 0.0 | 24.5 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 122

NOMBRE ESTACION : PUCHUNCAVI HACIENDA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | 0.0 | 0.0 | 7.3 | 0.0 | 8.8 | 0.2 | 53.5 | 15.1 | 21.1 | 15.5 | - | - | 121.5 |
| MAX 24 hrs | 0.0 | 0.0 | 7.3 | 0.0 | 8.8 | 0.2 | 36.6 | 7.8 | 11.0 | 15.5 | - | - | 36.6 |

NOMBRE ESTACION : RODELILLO AD.

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | 0.0 | 0.0 | 28.7 | 0.0 | 16.0 | 2.4 | 83.5 | 26.3 | 43.8 | 23.9 | 0.0 | 0.0 | 224.6 |
| MAX 24 hrs | 0.0 | 0.0 | 28.7 | 0.0 | 15.6 | 2.4 | 56.0 | 21.5 | 18.1 | 22.7 | 0.0 | 0.0 | 56.0 |

NOMBRE ESTACION : QUILPUE SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 22.0 | - | 4.0 | 1.5 | 87.0 | 18.0 | 29.0 | 14.0 | - | - | 175.5 |
| MAX 24 hrs | - | - | 22.0 | - | 4.0 | 1.5 | 69.0 | 12.0 | 14.0 | 14.0 | - | - | 69.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 123

NOMBRE ESTACION : MARGA - MARGA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 22.0 | 0.2 | 7.6 | 0.6 | 72.0 | 24.4 | 32.4 | 15.8 | - | - | 175.0 |
| MAX 24 hrs | - | - | 22.0 | 0.2 | 7.6 | 0.6 | 50.1 | 14.3 | 13.6 | 15.8 | - | - | 50.1 |

NOMBRE ESTACION : PUNTA CURAUMILLA FARO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|-----|------|------|-----|-----|-------|
| TOTAL | - | - | 25.0 | 0.4 | 13.9 | 0.5 | 50.5 | 7.0 | 27.8 | 17.7 | - | - | 142.8 |
| MAX 24 hrs | - | - | 25.0 | 0.4 | 11.2 | 0.3 | 41.2 | 4.4 | 12.1 | 17.7 | - | - | 41.2 |

NOMBRE ESTACION : CASABLANCA ESVAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 12.6 | - | 8.2 | - | 80.4 | 20.3 | 31.2 | 17.2 | - | - | 169.9 |
| MAX 24 hrs | - | - | 12.6 | - | 8.2 | - | 54.1 | 12.5 | 10.2 | 17.2 | - | - | 54.1 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 124

NOMBRE ESTACION : PUNTA PANUL FARO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 26.6 | - | - | 4.6 | 66.2 | 24.5 | 43.3 | - | - | - | 165.2 |
| MAX 24 hrs | - | - | 21.3 | - | - | 3.2 | 56.0 | 15.3 | 23.2 | - | - | - | 56.0 |

NOMBRE ESTACION : LA LIGUA ESVAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 0.0 | - | 8.6 | - | 32.7 | 21.0 | 23.9 | 8.0 | - | - | 94.2 |
| MAX 24 hrs | - | - | 0.0 | - | 8.6 | - | 17.2 | 13.3 | 12.4 | 8.0 | - | - | 17.2 |

NOMBRE ESTACION : LA VEGA FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 2.0 | - | - | - | 35.2 | 35.5 | 15.8 | 3.2 | - | - | 91.7 |
| MAX 24 hrs | - | - | 2.0 | - | - | - | 18.3 | 22.0 | 11.8 | 3.2 | - | - | 22.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 125

NOMBRE ESTACION : LLAY - LLAY ESVAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|------|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | - | - | 12.5 | - | 36.0 | 37.5 | 11.5 | - | - | . | . |
| MAX 24 hrs | - | - | - | - | 6.5 | - | 22.0 | 23.0 | 11.5 | - | - | . | . |

NOMBRE ESTACION : LA CANELA FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | - | - | 11.5 | - | 64.6 | 30.8 | 28.2 | 10.0 | - | - | 145.1 |
| MAX 24 hrs | - | - | - | - | 11.5 | - | 34.5 | 15.0 | 25.9 | 10.0 | - | - | 34.5 |

NOMBRE ESTACION : SAN FELIPE ESC. AGRICOLA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-------|
| TOTAL | - | - | 3.2 | 1.2 | 0.1 | 2.0 | 29.3 | 33.7 | 9.3 | 1.6 | - | - | 80.4 |
| MAX 24 hrs | - | - | 3.1 | 1.2 | 0.1 | 2.0 | 15.7 | 22.8 | 4.2 | 0.8 | - | - | 22.8 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 126

NOMBRE ESTACION : SAN FELIPE EJERCITO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-------|
| TOTAL | - | - | 2.7 | 0.9 | - | 2.0 | 29.6 | 32.5 | 5.3 | - | - | - | 73.0 |
| MAX 24 hrs | - | - | 2.7 | 0.9 | - | 2.0 | 17.5 | 23.4 | 4.4 | - | - | - | 23.4 |

NOMBRE ESTACION : CURIMON ESCUELA AGRICOLA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 3.4 | 0.0 | - | 0.0 | 30.7 | 41.8 | 10.5 | - | - | - | 86.4 |
| MAX 24 hrs | - | - | 3.4 | 0.0 | - | 0.0 | 17.6 | 28.0 | 5.0 | - | - | - | 28.0 |

NOMBRE ESTACION : SAN ESTEBAN RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-------|
| TOTAL | - | - | 2.0 | 0.8 | 0.2 | 1.5 | 4.0 | 31.0 | 3.0 | 4.0 | - | - | 46.5 |
| MAX 24 hrs | - | - | 2.0 | 0.8 | 0.2 | 1.5 | 4.0 | 27.0 | 3.0 | 4.0 | - | - | 27.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 127

NOMBRE ESTACION : LOS ANDES COMISARIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-------|
| TOTAL | - | - | 2.5 | - | 2.5 | - | 37.6 | 5.2 | 5.6 | 4.2 | - | - | 107.6 |
| MAX 24 hrs | - | - | 2.5 | - | 2.5 | - | 24.5 | 44.7 | 4.1 | 2.4 | - | - | 44.7 |

NOMBRE ESTACION : RINCONADA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|-------|
| TOTAL | - | - | 5.0 | - | 0.1 | 1.0 | 31.0 | 36.2 | 6.0 | 2.9 | - | - | 82.2 |
| MAX 24 hrs | - | - | 5.0 | - | 0.1 | 1.0 | 20.0 | 28.0 | 5.0 | 1.5 | - | - | 28.0 |

NOMBRE ESTACION : RADIO FARO EL TABON

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 5.3 | - | 5.8 | 2.4 | 43.8 | 39.6 | 11.0 | 3.9 | - | 0.5 | 112.3 |
| MAX 24 hrs | - | - | 5.3 | - | 4.4 | 1.9 | 21.3 | 24.1 | 6.5 | 3.9 | - | 0.5 | 24.1 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 128

NOMBRE ESTACION : LIMACHE ESVAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 11.5 | - | 4.7 | 1.0 | 65.4 | 22.5 | 22.2 | 3.5 | 0.0 | - | 130.8 |
| MAX 24 hrs | - | - | 11.5 | - | 4.7 | 1.0 | 42.5 | 10.0 | 18.0 | 3.5 | 0.0 | - | 42.5 |

NOMBRE ESTACION : LAS MAJADAS FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 19.0 | 5.0 | 11.0 | - | 62.0 | 26.0 | 56.5 | 23.0 | - | - | 202.5 |
| MAX 24 hrs | - | - | 19.0 | 5.0 | 11.0 | - | 25.0 | 10.0 | 30.0 | 23.0 | - | - | 30.0 |

NOMBRE ESTACION : ISLA DE PASCUA F. VAITEA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|-------|-------|------|-------|-------|-------|------|------|------|------|-------|--------|
| TOTAL | 35.6 | 151.1 | 218.3 | 47.9 | 164.3 | 218.5 | 200.4 | 95.9 | 70.3 | 11.7 | 24.3 | 123.0 | 1361.3 |
| MAX 24 hrs | 18.6 | 42.9 | 105.5 | 20.6 | 50.4 | 81.2 | 81.5 | 31.1 | 24.3 | 9.3 | 13.5 | 29.6 | 105.5 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 129

NOMBRE ESTACION : NAVIDAD

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 24.5 | 2.5 | - | 0.1 | 58.5 | 19.0 | 54.8 | 28.5 | 1.2 | - | 189.1 |
| MAX 24 hrs | - | - | 12.5 | 2.5 | - | 0.1 | 47.0 | 11.0 | 18.4 | 28.5 | 1.2 | - | 47.0 |

NOMBRE ESTACION : PIUCHEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 30.0 | 10.0 | 20.0 | 80.0 | 86.0 | 10.0 | 60.0 | 19.9 | 4.3 | - | 320.2 |
| MAX 24 hrs | - | - | 30.0 | 10.0 | 20.0 | 80.0 | 44.0 | 10.0 | 49.0 | 19.9 | 4.3 | - | 80.0 |

NOMBRE ESTACION : STA ISABEL DE QUERELEMA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|------|------|------|------|------|-----|-----|-------|
| TOTAL | - | 1.0 | 94.8 | 8.4 | 41.9 | 16.0 | 60.0 | 12.1 | 78.0 | 22.0 | 8.0 | . | . |
| MAX 24 hrs | - | 1.0 | 93.4 | 4.0 | 39.6 | 9.0 | 29.0 | 9.5 | 21.0 | 18.5 | 8.0 | . | . |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 130

NOMBRE ESTACION : HACIENDA PUMANQUE

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|------|------|------|------|------|------|-----|-------|
| TOTAL | - | - | 56.5 | 7.5 | 14.5 | 26.5 | 73.5 | 36.0 | 88.3 | 30.0 | 10.5 | - | 343.3 |
| MAX 24 hrs | - | - | 53.0 | 5.0 | 10.5 | 20.5 | 66.0 | 24.5 | 32.0 | 30.0 | 10.5 | - | 66.0 |

NOMBRE ESTACION : LOLOL HACIENDA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|-------|------|-----|-----|-------|
| TOTAL | 0.1 | - | 65.1 | 16.0 | 40.7 | 16.2 | 76.1 | 28.9 | 105.1 | 37.5 | 8.4 | 4.0 | 398.1 |
| MAX 24 hrs | 0.1 | - | 63.3 | 14.0 | 40.0 | 9.7 | 41.8 | 14.4 | 26.0 | 34.7 | 8.4 | 3.6 | 63.3 |

NOMBRE ESTACION : SEWELL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|-------|-------|------|-----|------|-------|
| TOTAL | - | - | 62.3 | 38.3 | 54.3 | 27.3 | 38.5 | 118.3 | 138.4 | 28.4 | 2.0 | 10.0 | 517.8 |
| MAX 24 hrs | - | - | 45.0 | 16.1 | 47.4 | 11.8 | 12.8 | 77.5 | 33.7 | 15.5 | 2.0 | 10.0 | 77.5 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 131

NOMBRE ESTACION : COLON

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|------|------|-------|-------|------|-----|-----|-------|
| TOTAL | - | - | 62.2 | 9.3 | 54.6 | 19.6 | 57.2 | 157.4 | 129.5 | 24.3 | 2.5 | - | 516.6 |
| MAX 24 hrs | - | - | 46.9 | 5.0 | 52.2 | 9.2 | 25.9 | 99.8 | 37.8 | 8.8 | 2.5 | - | 99.8 |

NOMBRE ESTACION : PARRON

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|-------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 14.9 | 5.3 | 22.7 | 4.1 | 102.4 | 78.1 | 65.4 | 24.2 | 4.7 | - | 321.8 |
| MAX 24 hrs | - | - | 11.5 | 2.7 | 15.9 | 4.1 | 42.0 | 46.1 | 25.0 | 21.5 | 2.5 | - | 46.1 |

NOMBRE ESTACION : RENGO SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|------|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 20.2 | 5.0 | 18.2 | 12.1 | 98.3 | 47.3 | 45.1 | 30.3 | 5.2 | - | 281.7 |
| MAX 24 hrs | - | - | 20.2 | 2.3 | 18.2 | 5.2 | 39.0 | 32.2 | 13.4 | 23.8 | 5.2 | - | 39.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 132

NOMBRE ESTACION : CHIMBARONGO SAN BENITO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|------|------|------|-----|-----|-------|
| TOTAL | 0.0 | 0.0 | 46.4 | 15.1 | 32.9 | 26.3 | 129.2 | 57.6 | 75.7 | 36.2 | 6.5 | 0.0 | 425.9 |
| MAX 24 hrs | 0.0 | 0.0 | 23.9 | 14.9 | 32.9 | 18.2 | 67.1 | 21.2 | 18.8 | 29.8 | 6.5 | 0.0 | 67.1 |

NOMBRE ESTACION : MACHALI SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | 4.2 | 18.3 | 0.0 | 23.3 | 2.6 | 96.1 | 73.4 | 55.8 | 23.9 | - | - | 297.6 |
| MAX 24 hrs | - | 4.2 | 18.3 | 0.0 | 23.3 | 2.6 | 47.7 | 55.5 | 22.2 | 17.4 | - | - | 55.5 |

NOMBRE ESTACION : VIÑA VIEJA FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|------|-----|-------|
| TOTAL | - | - | 28.7 | 10.0 | 28.5 | 14.4 | 95.6 | 50.6 | 58.9 | 32.0 | 16.1 | 2.1 | 336.9 |
| MAX 24 hrs | - | - | 19.8 | 5.3 | 26.3 | 5.6 | 49.8 | 25.0 | 19.0 | 26.6 | 16.1 | 2.1 | 49.8 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 133

NOMBRE ESTACION : GRANEROS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | 22.4 | 18.1 | - | 6.5 | 3.1 | 98.0 | 69.4 | 57.6 | 21.4 | - | - | 296.5 |
| MAX 24 hrs | - | 22.4 | 16.5 | - | 6.5 | 1.8 | 39.3 | 48.4 | 24.1 | 21.4 | - | - | 48.4 |

NOMBRE ESTACION : GRANEROS EXP. SNA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|-----|-----|-----|-------|------|------|------|-----|-----|-------|
| TOTAL | - | 28.6 | 21.5 | 0.0 | 7.1 | 3.5 | 103.2 | 73.9 | 71.2 | 22.7 | 0.3 | - | 332.0 |
| MAX 24 hrs | - | 28.6 | 18.2 | 0.0 | 7.1 | 2.0 | 41.5 | 50.0 | 19.0 | 18.0 | 0.3 | - | 50.0 |

NOMBRE ESTACION : BARAHONA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|------|------|-------|-------|------|-----|-----|-------|
| TOTAL | - | - | 29.9 | 5.4 | 39.5 | 14.8 | 53.4 | 142.2 | 107.8 | 13.6 | - | 3.3 | 409.9 |
| MAX 24 hrs | - | - | 25.6 | 4.1 | 39.5 | 9.3 | 39.5 | 89.4 | 41.6 | 8.6 | - | 3.3 | 89.4 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 134

NOMBRE ESTACION : CENTRAL PANGAL CASA DE FUERZA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|------|------|------|-------|------|-----|-----|-------|
| TOTAL | - | 2.0 | 28.3 | 4.9 | 19.4 | 14.6 | 86.8 | 93.1 | 125.2 | 28.3 | - | 6.3 | 408.9 |
| MAX 24 hrs | - | 2.0 | 16.8 | 3.7 | 19.2 | 7.9 | 44.0 | 67.0 | 41.3 | 17.8 | - | 6.3 | 67.0 |

NOMBRE ESTACION : BOCATOMA PANGAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|-------|-------|------|------|------|-------|
| TOTAL | 3.8 | . | 52.9 | 18.1 | 52.2 | 22.1 | 103.9 | 156.1 | 195.0 | 38.0 | 14.9 | 12.0 | . |
| MAX 24 hrs | 3.8 | . | 31.5 | 8.7 | 47.3 | 12.3 | 42.2 | 112.4 | 85.7 | 18.6 | 11.2 | 9.7 | . |

NOMBRE ESTACION : BOCATOMA CACHAPOAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|------|------|------|------|------|-----|-----|-------|
| TOTAL | - | 3.2 | 30.2 | 3.8 | 28.8 | 11.6 | 90.3 | 84.7 | 94.8 | 18.1 | - | 5.9 | 371.4 |
| MAX 24 hrs | - | 3.2 | 30.2 | 3.8 | 27.6 | 6.0 | 42.8 | 76.5 | 30.0 | 9.3 | - | 4.4 | 76.5 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 135

NOMBRE ESTACION : SAN JOSE DE MARCHIGUE

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 38.5 | 14.6 | 33.9 | 11.3 | 76.2 | 27.2 | 51.1 | 30.2 | 4.8 | - | 287.8 |
| MAX 24 hrs | - | - | 26.2 | 12.3 | 33.4 | 6.8 | 54.4 | 13.8 | 13.5 | 30.2 | 4.8 | - | 54.4 |

NOMBRE ESTACION : MARCHIGUE LICEO MUNICIP.

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|-----|------|------|-----|-----|-------|
| TOTAL | - | - | 32.3 | 11.3 | 17.3 | 19.5 | 111.7 | 5.5 | 49.3 | 25.0 | 4.6 | - | 276.5 |
| MAX 24 hrs | - | - | 31.0 | 11.3 | 16.0 | 14.5 | 61.5 | 4.0 | 30.0 | 25.0 | 4.6 | - | 61.5 |

NOMBRE ESTACION : FUNDO LIHUEIMO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 36.3 | 13.7 | 23.1 | 17.3 | 115.5 | 39.6 | 68.4 | 33.4 | 7.6 | - | 354.9 |
| MAX 24 hrs | - | - | 24.3 | 11.5 | 18.1 | 9.8 | 76.3 | 21.0 | 19.2 | 33.4 | 7.6 | - | 76.3 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 136

NOMBRE ESTACION : SAN DIEGO DE PUQUILLAY

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 31.7 | 17.8 | 22.0 | 17.7 | 102.7 | 29.3 | 68.1 | 31.4 | 7.8 | - | 328.5 |
| MAX 24 hrs | - | - | 26.2 | 13.3 | 19.0 | 10.9 | 70.6 | 13.1 | 20.0 | 31.4 | 7.8 | - | 70.6 |

NOMBRE ESTACION : SAN FERNANDO CLUB AEREO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|------|------|------|------|-----|-------|
| TOTAL | - | - | 36.0 | 14.0 | 28.3 | 16.3 | 119.0 | 63.7 | 83.8 | 37.6 | 16.7 | 2.5 | 417.9 |
| MAX 24 hrs | - | - | 36.0 | 8.7 | 25.3 | 9.8 | 57.5 | 33.2 | 31.5 | 27.6 | 16.7 | 2.5 | 57.5 |

NOMBRE ESTACION : SAN FERNANDO SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|------|------|------|------|------|-------|
| TOTAL | - | - | 44.0 | 15.0 | 29.0 | 21.5 | 126.0 | 64.5 | 86.5 | 49.5 | 14.3 | 11.0 | 461.3 |
| MAX 24 hrs | - | - | 29.5 | 9.0 | 24.0 | 12.0 | 62.0 | 26.5 | 18.0 | 39.0 | 13.2 | 11.0 | 62.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 137

NOMBRE ESTACION : NANCAGUA C. C. T.

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|------|-----|-------|
| TOTAL | 5.0 | - | 52.8 | 23.3 | 36.9 | 22.8 | 90.5 | 52.1 | 84.8 | 36.1 | 18.8 | - | 423.1 |
| MAX 24 hrs | 5.0 | - | 30.2 | 20.2 | 25.0 | 13.3 | 62.2 | 26.2 | 22.0 | 33.9 | 18.8 | - | 62.2 |

NOMBRE ESTACION : LAS ARAÑAS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|------|-----|-------|
| TOTAL | - | - | 38.5 | 19.7 | 47.5 | 33.1 | 93.1 | 46.5 | 78.2 | 29.5 | 15.0 | 2.5 | 403.6 |
| MAX 24 hrs | - | - | 29.0 | 16.2 | 40.0 | 15.6 | 73.0 | 18.0 | 19.0 | 29.5 | 15.0 | 2.5 | 73.0 |

NOMBRE ESTACION : COYA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | 0.8 | 0.6 | 40.7 | 2.6 | 29.1 | 4.5 | 87.6 | 93.4 | 95.4 | 19.6 | - | - | 374.3 |
| MAX 24 hrs | 0.8 | 0.6 | 26.3 | 2.6 | 28.3 | 2.4 | 47.5 | 63.9 | 40.6 | 12.5 | - | - | 63.9 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 138

NOMBRE ESTACION : LLICO R. LAGUNA TORCA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-------|------|------|------|------|------|-------|------|-----|-----|-------|
| TOTAL | - | 2.0 | 115.9 | 24.5 | 16.7 | 16.7 | 49.3 | 11.3 | 105.6 | 21.7 | 8.2 | 1.0 | 372.9 |
| MAX 24 hrs | - | 2.0 | 114.9 | 19.0 | 9.0 | 9.6 | 18.9 | 8.2 | 42.2 | 15.2 | 8.2 | 1.0 | 114.9 |

NOMBRE ESTACION : ILOCA SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|------|-----|-------|
| TOTAL | - | - | 71.0 | 41.7 | 14.9 | 27.6 | 49.1 | 18.4 | 91.9 | 67.2 | 14.0 | - | 395.8 |
| MAX 24 hrs | - | - | 68.6 | 27.6 | 9.0 | 11.5 | 26.3 | 14.1 | 35.7 | 57.6 | 14.0 | - | 68.6 |

NOMBRE ESTACION : EL CARMEN DE CHANCO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|------|------|------|-----|-----|-------|
| TOTAL | 2.0 | 4.3 | 30.7 | 30.9 | 37.6 | 43.3 | 107.7 | 43.5 | 70.7 | 23.2 | 7.8 | 0.4 | 402.1 |
| MAX 24 hrs | 1.1 | 4.3 | 27.0 | 12.5 | 14.3 | 28.0 | 63.0 | 28.2 | 19.1 | 14.0 | 7.5 | 0.4 | 63.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 139

NOMBRE ESTACION : TENO SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|------|------|------|------|-----|-------|
| TOTAL | - | - | 46.3 | 29.1 | 45.4 | 37.4 | 128.2 | 55.7 | 92.2 | 38.1 | 18.6 | - | 491.0 |
| MAX 24 hrs | - | - | 36.9 | 24.6 | 39.1 | 18.1 | 56.6 | 26.1 | 28.0 | 37.0 | 18.6 | - | 56.6 |

NOMBRE ESTACION : CUREPTO SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|-------|------|------|-----|-------|
| TOTAL | 2.6 | 2.2 | 83.9 | 17.0 | 31.3 | 37.1 | 60.9 | 15.8 | 142.5 | 40.1 | 11.8 | 1.6 | 446.8 |
| MAX 24 hrs | 2.6 | 1.4 | 76.2 | 7.6 | 15.1 | 20.4 | 25.2 | 12.4 | 42.3 | 35.5 | 11.8 | 1.6 | 76.2 |

NOMBRE ESTACION : LOS PRETILES DE YACAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|------|-------|------|-------|------|------|-----|-------|
| TOTAL | - | - | 69.7 | . | 47.5 | 56.2 | 120.9 | 61.1 | 138.0 | 53.8 | 28.6 | - | . |
| MAX 24 hrs | - | - | 62.2 | . | 35.2 | 32.9 | 50.0 | 35.4 | 31.4 | 53.8 | 28.6 | - | . |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 140

NOMBRE ESTACION : NIRIVILO RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-------|------|------|------|-------|------|-------|------|------|-----|-------|
| TOTAL | 7.0 | 0.0 | 115.0 | 30.5 | 55.0 | 42.5 | 111.5 | 33.0 | 105.0 | 39.5 | 15.0 | - | 554.0 |
| MAX 24 hrs | 7.0 | 0.0 | 106.0 | 12.0 | 20.0 | 21.5 | 47.5 | 28.0 | 26.0 | 28.5 | 15.0 | - | 106.0 |

NOMBRE ESTACION : SAN JAVIER PARTICULAR

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|-------|------|------|-----|-------|
| TOTAL | 4.1 | 5.7 | 86.5 | 40.5 | 45.7 | 40.3 | 62.6 | 24.2 | 122.9 | 28.7 | 19.1 | 0.0 | 480.3 |
| MAX 24 hrs | 4.1 | 5.7 | 60.0 | 19.5 | 10.4 | 22.4 | 27.1 | 15.8 | 43.4 | 24.9 | 19.0 | - | 60.0 |

NOMBRE ESTACION : SANTA MARINA DE PUTAGAN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|------|------|------|------|------|-------|------|------|-----|-------|
| TOTAL | 8.0 | 12.5 | 63.5 | 51.5 | 58.0 | 52.5 | 83.5 | 39.0 | 132.5 | 30.5 | 17.0 | - | 548.5 |
| MAX 24 hrs | 8.0 | 12.5 | 48.0 | 18.0 | 16.5 | 26.0 | 38.0 | 24.5 | 32.0 | 30.5 | 17.0 | - | 48.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 141

NOMBRE ESTACION : LINARES SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|------|------|-------|------|-------|------|------|-----|-------|
| TOTAL | 13.2 | 11.2 | 62.0 | 43.6 | 48.7 | 25.0 | 104.8 | 57.5 | 175.7 | 33.0 | 20.8 | - | 595.5 |
| MAX 24 hrs | 13.2 | 11.2 | 32.8 | 23.0 | 12.9 | 23.0 | 35.9 | 27.0 | 40.9 | 28.3 | 20.5 | - | 40.9 |

NOMBRE ESTACION : LONGAVI SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|------|-------|------|------|-----|-------|
| TOTAL | 7.1 | 8.2 | 49.0 | 60.2 | 85.9 | 63.4 | 117.2 | 38.5 | 183.0 | 33.2 | 18.6 | - | 664.3 |
| MAX 24 hrs | 7.1 | 8.2 | 36.8 | 32.6 | 27.7 | 36.8 | 41.7 | 20.2 | 48.2 | 33.2 | 18.6 | - | 48.2 |

NOMBRE ESTACION : CAUQUENES SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|-----|-----|-------|
| TOTAL | 4.6 | - | 63.0 | 47.3 | 52.4 | 39.3 | 90.9 | 23.5 | 82.5 | 25.5 | 7.0 | - | 436.0 |
| MAX 24 hrs | 4.6 | - | 60.0 | 24.0 | 28.4 | 19.5 | 57.0 | 23.5 | 30.5 | 25.5 | 7.0 | - | 60.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 142

NOMBRE ESTACION : QUELLA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|-------|------|------|------|-------|------|-----|-----|-------|
| TOTAL | 3.0 | 6.5 | 66.3 | 55.4 | 105.4 | 29.8 | 85.4 | 33.0 | 125.5 | 28.1 | 7.0 | - | 545.4 |
| MAX 24 hrs | 3.0 | 6.5 | 59.5 | 25.5 | 33.0 | 25.0 | 50.0 | 18.7 | 29.5 | 27.5 | 7.0 | - | 59.5 |

NOMBRE ESTACION : ACHIBUENO RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 13.0 | 12.0 | 116.0 | 93.2 | 158.9 | 117.0 | 172.1 | 112.0 | 277.8 | 66.5 | 51.6 | - | 1190.6 |
| MAX 24 hrs | 13.0 | 12.0 | 63.0 | 35.5 | 32.8 | 58.0 | 47.0 | 44.0 | 52.0 | 56.0 | 37.1 | - | 63.0 |

NOMBRE ESTACION : PARRAL SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|------|------|------|-------|------|-------|------|------|-----|-------|
| TOTAL | 13.4 | 16.0 | 126.2 | 82.1 | 94.9 | 56.3 | 122.8 | 54.8 | 202.4 | 43.7 | 15.3 | - | 827.9 |
| MAX 24 hrs | 13.4 | 16.0 | 85.6 | 36.5 | 48.6 | 37.1 | 52.3 | 25.0 | 63.2 | 41.7 | 13.5 | - | 85.6 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 143

NOMBRE ESTACION : PUNTA HUALPEN FARO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 3.4 | 15.0 | 54.1 | 37.1 | 36.1 | 42.8 | 65.6 | 57.5 | 51.2 | 58.1 | 35.4 | 0.4 | 456.7 |
| MAX 24 hrs | 3.4 | 8.4 | 33.0 | 11.7 | 19.9 | 15.2 | 31.6 | 21.0 | 8.5 | 34.2 | 23.2 | 0.3 | 34.2 |

NOMBRE ESTACION : CERRO CARACOL SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 2.4 | 48.6 | 84.7 | 65.2 | 114.4 | 108.6 | 122.8 | 136.8 | 132.9 | 54.5 | 37.1 | 6.2 | 914.2 |
| MAX 24 hrs | 2.4 | 33.2 | 48.5 | 28.1 | 32.6 | 29.8 | 44.2 | 44.2 | 26.1 | 32.2 | 30.4 | 3.6 | 48.5 |

NOMBRE ESTACION : NONGUEN SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 4.7 | 59.8 | 97.1 | 72.7 | 138.8 | 130.1 | 130.9 | 161.4 | 181.3 | 49.3 | 35.3 | 10.0 | 1071.4 |
| MAX 24 hrs | 4.7 | 40.5 | 49.7 | 19.7 | 47.0 | 46.9 | 35.4 | 56.1 | 37.8 | 29.9 | 25.7 | 6.7 | 56.1 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 144

NOMBRE ESTACION : LEBU ESTANQUES

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|-------|-------|-------|-------|-------|-------|------|------|------|--------|
| TOTAL | 7.6 | 56.5 | 99.6 | 122.5 | 254.5 | 156.3 | 145.6 | 225.4 | 161.1 | 70.4 | 61.3 | 27.9 | 1388.7 |
| MAX 24 hrs | 7.3 | 21.7 | 38.1 | 41.9 | 71.9 | 36.4 | 25.9 | 60.7 | 28.1 | 38.3 | 41.0 | 7.6 | 71.9 |

NOMBRE ESTACION : CAÑETE COMISARIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|-------|-------|-------|-------|-------|-------|------|------|------|--------|
| TOTAL | - | 34.9 | 78.4 | 138.5 | 193.3 | 145.1 | 119.9 | 117.1 | 167.3 | 41.3 | 52.8 | 26.1 | 1114.7 |
| MAX 24 hrs | - | 23.3 | 60.2 | 84.6 | 36.8 | 26.0 | 20.0 | 20.7 | 34.0 | 10.5 | 18.3 | 9.5 | 84.6 |

NOMBRE ESTACION : DIGUA EMBALSE

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|-------|-------|------|-------|------|-------|------|------|-----|--------|
| TOTAL | 9.5 | 17.3 | 93.4 | 100.0 | 143.6 | 93.5 | 167.2 | 79.9 | 291.3 | 53.6 | 28.9 | 1.8 | 1080.0 |
| MAX 24 hrs | 7.0 | 15.5 | 48.9 | 33.0 | 52.5 | 46.0 | 42.5 | 35.0 | 64.0 | 45.0 | 25.5 | 1.8 | 64.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 145

NOMBRE ESTACION : EMBALSE BULLILLO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 21.6 | 24.1 | 125.2 | 148.8 | 218.4 | 150.2 | 210.7 | 122.6 | 414.0 | 70.1 | 80.2 | 7.1 | 1593.0 |
| MAX 24 hrs | 12.2 | 22.2 | 72.9 | 56.9 | 43.2 | 72.5 | 45.3 | 41.8 | 66.1 | 56.5 | 48.8 | 6.8 | 72.9 |

NOMBRE ESTACION : SAN IGNACIO DE PALOMARES

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|-------|-------|-------|------|------|-----|-------|
| TOTAL | 2.2 | 6.4 | 76.5 | 37.9 | 75.8 | 58.8 | 115.1 | 132.9 | 123.0 | 43.5 | 19.5 | - | 691.6 |
| MAX 24 hrs | 2.2 | 4.1 | 54.9 | 16.0 | 21.2 | 33.0 | 41.0 | 65.5 | 33.0 | 23.5 | 18.3 | - | 65.5 |

NOMBRE ESTACION : HUALQUI SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|-------|------|------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 6.7 | 41.0 | 169.8 | 55.1 | 87.2 | 117.2 | 162.0 | 191.2 | 182.1 | 40.9 | 45.9 | - | 1099.1 |
| MAX 24 hrs | 6.7 | 26.5 | 105.5 | 27.7 | 73.8 | 35.4 | 93.6 | 108.5 | 38.7 | 27.4 | 41.7 | - | 108.5 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 146

NOMBRE ESTACION : SAN CARLOS SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|-------|------|------|------|-------|------|-------|------|------|-----|-------|
| TOTAL | 9.3 | 27.2 | 140.0 | 61.2 | 89.3 | 69.0 | 134.7 | 95.3 | 167.9 | 47.9 | 17.7 | - | 859.5 |
| MAX 24 hrs | 9.3 | 27.2 | 111.0 | 29.2 | 25.3 | 35.4 | 57.0 | 28.1 | 33.8 | 42.1 | 17.7 | - | 111.0 |

NOMBRE ESTACION : SAN FABIAN DE ALICO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|-------|-------|------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 20.0 | 30.0 | 90.0 | 103.0 | 193.0 | 86.0 | 180.0 | 110.0 | 473.0 | 48.0 | 46.0 | 2.0 | 1381.0 |
| MAX 24 hrs | 20.0 | 30.0 | 50.0 | 40.0 | 38.0 | 50.0 | 58.0 | 40.0 | 91.0 | 48.0 | 35.0 | 2.0 | 91.0 |

NOMBRE ESTACION : BULNES SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|-------|------|------|------|------|------|-------|------|------|-----|-------|
| TOTAL | 1.4 | 13.8 | 102.5 | 55.8 | 81.1 | 80.6 | 79.0 | 99.7 | 133.2 | 46.2 | 24.6 | - | 717.9 |
| MAX 24 hrs | 1.4 | 10.5 | 102.0 | 20.3 | 39.0 | 40.7 | 38.8 | 51.5 | 28.2 | 24.5 | 24.6 | - | 102.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 147

NOMBRE ESTACION : PEMUCO TENENCIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|------|-------|------|-------|-------|------|------|-----|-------|
| TOTAL | 12.0 | 43.8 | 96.0 | 72.7 | 75.1 | 108.7 | 95.0 | 139.4 | 244.5 | 60.0 | 38.5 | 0.0 | 985.7 |
| MAX 24 hrs | 12.0 | 23.5 | 72.0 | 26.2 | 34.0 | 35.5 | 47.0 | 63.5 | 51.0 | 37.0 | 38.5 | 0.0 | 72.0 |

NOMBRE ESTACION : SAN CRISTOBAL FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|------|------|------|------|-------|-------|------|------|-----|-------|
| TOTAL | 3.7 | 33.9 | 70.5 | 41.1 | 85.6 | 61.0 | 90.4 | 123.8 | 112.0 | 39.3 | 23.9 | - | 685.2 |
| MAX 24 hrs | 3.7 | 22.6 | 35.1 | 21.2 | 28.5 | 37.6 | 30.6 | 62.5 | 21.7 | 20.7 | 12.5 | - | 62.5 |

NOMBRE ESTACION : CHIGUAYANTE SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|------|-------|------|-------|-------|-------|------|------|-----|-------|
| TOTAL | 11.3 | 60.2 | 154.7 | 79.6 | 190.1 | 77.6 | 163.6 | 155.9 | 142.1 | 35.7 | 36.5 | . | . |
| MAX 24 hrs | 11.3 | 35.6 | 78.8 | 25.4 | 75.9 | 40.6 | 47.3 | 48.7 | 34.8 | 25.6 | 34.6 | . | . |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 148

NOMBRE ESTACION : CABRERO SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|-------|------|------|------|-------|-------|-------|------|------|-----|-------|
| TOTAL | 5.0 | 19.8 | 101.0 | 30.7 | 92.2 | 80.1 | 106.4 | 114.9 | 152.9 | 47.3 | 28.4 | - | 778.7 |
| MAX 24 hrs | 5.0 | 15.5 | 62.2 | 15.5 | 34.0 | 40.6 | 40.0 | 53.1 | 37.4 | 46.0 | 28.0 | - | 62.2 |

NOMBRE ESTACION : LA PALMA HACIENDA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|------|-------|------|-------|-------|-------|------|------|-----|-------|
| TOTAL | 1.0 | 27.2 | 60.1 | 51.6 | 130.9 | 64.5 | 103.6 | 179.5 | 130.6 | 43.5 | 18.1 | - | 810.6 |
| MAX 24 hrs | 1.0 | 18.5 | 29.0 | 19.0 | 42.5 | 36.0 | 29.0 | 76.1 | 20.5 | 27.5 | 13.1 | - | 76.1 |

NOMBRE ESTACION : TUCAPEL RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 21.0 | 46.5 | 97.0 | 97.5 | 157.5 | 172.5 | 131.0 | 233.0 | 305.5 | 70.5 | 40.0 | - | 1372.0 |
| MAX 24 hrs | 21.0 | 23.5 | 68.0 | 35.0 | 43.0 | 72.0 | 46.0 | 76.0 | 64.0 | 27.0 | 31.0 | - | 76.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 149

NOMBRE ESTACION : COLONIA SAN GERARDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|-------|------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 9.7 | 33.2 | 107.5 | 68.2 | 121.2 | 134.8 | 120.8 | 182.2 | 176.2 | 63.7 | 35.9 | 0.8 | 1054.2 |
| MAX 24 hrs | 9.7 | 22.0 | 60.5 | 32.8 | 37.8 | 71.5 | 45.7 | 72.0 | 28.2 | 29.2 | 16.0 | 0.8 | 72.0 |

NOMBRE ESTACION : VILLUCURA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 7.5 | 90.0 | 120.6 | 114.4 | 199.8 | 190.8 | 152.8 | 218.0 | 276.6 | 72.6 | 61.5 | 1.0 | 1505.6 |
| MAX 24 hrs | 7.5 | 42.0 | 62.0 | 44.4 | 42.5 | 74.1 | 50.0 | 82.0 | 65.5 | 36.1 | 32.0 | 1.0 | 82.0 |

NOMBRE ESTACION : EL TAMBILLO FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|-------|-------|------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 4.0 | 24.5 | 91.0 | 100.3 | 154.6 | 90.0 | 142.3 | 189.2 | 172.9 | 60.8 | 13.0 | - | 1042.6 |
| MAX 24 hrs | 4.0 | 15.5 | 48.0 | 37.0 | 36.0 | 42.0 | 33.0 | 90.5 | 48.0 | 46.8 | 13.0 | - | 90.5 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 150

NOMBRE ESTACION : PARCELA 10 LOS NOTROS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-----|-------|-------|------|------|-----|-------|
| TOTAL | 20.6 | 63.7 | 138.1 | 146.0 | 249.5 | 162.8 | . | 283.3 | 301.4 | 85.9 | 71.6 | 9.3 | . |
| MAX 24 hrs | 20.6 | 23.2 | 75.2 | 52.2 | 32.1 | 50.4 | . | 75.6 | 50.4 | 45.2 | 45.2 | 5.8 | . |

NOMBRE ESTACION : SANTA BARBARA SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 59.0 | 47.2 | 116.3 | 105.9 | 184.9 | 132.6 | 189.8 | 184.2 | 279.0 | 63.7 | 69.0 | 3.3 | 1434.9 |
| MAX 24 hrs | 59.0 | 21.5 | 88.0 | 26.0 | 43.8 | 60.9 | 50.0 | 88.6 | 50.0 | 61.0 | 55.0 | 3.3 | 88.6 |

NOMBRE ESTACION : MULCHEN SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 19.5 | 37.7 | 107.5 | 87.4 | 145.5 | 152.3 | 122.0 | 176.5 | 173.0 | 77.3 | 43.5 | - | 1142.2 |
| MAX 24 hrs | 19.5 | 10.6 | 65.2 | 37.6 | 40.5 | 37.0 | 48.4 | 76.8 | 38.0 | 40.1 | 27.0 | - | 76.8 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 151

NOMBRE ESTACION : LA ARAUCANIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 3.1 | 42.0 | 68.9 | 118.2 | 124.1 | 80.0 | 128.3 | 175.5 | 97.5 | 71.9 | 5.4 | 0.7 | 915.6 |
| MAX 24 hrs | 2.9 | 23.7 | 42.9 | 39.3 | 42.3 | 38.6 | 57.2 | 96.3 | 22.4 | 51.6 | 2.3 | 0.3 | 96.3 |

NOMBRE ESTACION : ANGOL LOS ESTANQUES

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 4.5 | 8.5 | 51.0 | 87.4 | 123.1 | 83.7 | 131.1 | 156.3 | 115.6 | 68.3 | 5.4 | 2.8 | 837.7 |
| MAX 24 hrs | 3.9 | 6.4 | 30.4 | 36.8 | 51.4 | 50.4 | 53.8 | 80.0 | 25.6 | 54.3 | 2.1 | 2.8 | 80.0 |

NOMBRE ESTACION : TRAIQUEN REG. MIRAFLORES

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 10.0 | 40.0 | 80.0 | 103.5 | 178.0 | 130.5 | 174.5 | 129.0 | 156.5 | 50.5 | 37.0 | 14.0 | 1103.5 |
| MAX 24 hrs | 8.3 | 10.0 | 20.5 | 25.5 | 25.5 | 20.0 | 25.0 | 15.0 | 25.0 | 10.5 | 9.0 | 9.0 | 25.5 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 152

NOMBRE ESTACION : SELVA OSCURA RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 50.8 | 12.0 | 69.0 | 128.4 | 206.7 | 142.0 | 141.2 | 167.1 | 250.4 | 95.2 | 49.0 | 13.8 | 1325.6 |
| MAX 24 hrs | 50.8 | 7.1 | 34.7 | 42.1 | 37.5 | 47.3 | 40.0 | 41.5 | 35.8 | 42.0 | 25.0 | 8.3 | 50.8 |

NOMBRE ESTACION : VISTA HERMOSA GRANJA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 1.8 | 49.5 | 56.6 | 85.3 | 128.9 | 75.6 | 89.4 | 99.1 | 143.1 | 70.9 | 36.9 | 7.6 | 844.7 |
| MAX 24 hrs | 1.8 | 30.6 | 38.5 | 32.6 | 27.0 | 21.8 | 27.2 | 32.2 | 31.4 | 55.5 | 27.0 | 2.2 | 55.5 |

NOMBRE ESTACION : CURACAUTIN SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 38.3 | 42.3 | 95.4 | 124.1 | 215.0 | 270.9 | 125.3 | 144.7 | 281.5 | 106.9 | 80.4 | 32.8 | 1557.6 |
| MAX 24 hrs | 38.0 | 20.2 | 48.0 | 34.1 | 35.3 | 54.8 | 30.2 | 32.6 | 46.8 | 32.3 | 50.3 | 10.6 | 54.8 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 153

NOMBRE ESTACION : CARAHUE SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|-------|------|------|------|-------|------|------|------|-------|
| TOTAL | 11.6 | 39.0 | 51.4 | 80.8 | 140.4 | 80.0 | 80.7 | 94.2 | 105.3 | 13.1 | 34.8 | 11.1 | 742.4 |
| MAX 24 hrs | 11.6 | 20.2 | 36.5 | 22.7 | 32.3 | 22.5 | 20.4 | 23.4 | 23.1 | 3.5 | 12.2 | 5.4 | 36.5 |

NOMBRE ESTACION : LAUTARO SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|-------|-------|-------|-------|-------|------|------|------|--------|
| TOTAL | 11.4 | 46.1 | 98.9 | 68.9 | 171.1 | 150.2 | 125.5 | 122.1 | 180.2 | 93.9 | 27.8 | 10.5 | 1106.6 |
| MAX 24 hrs | 11.3 | 21.1 | 44.7 | 28.5 | 33.7 | 28.3 | 16.3 | 26.3 | 26.3 | 45.7 | 6.3 | 9.3 | 45.7 |

NOMBRE ESTACION : NUEVA IMPERIAL SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|------|------|-------|-------|------|------|-------|------|------|-----|-------|
| TOTAL | - | 48.6 | 40.9 | 26.5 | 197.3 | 115.2 | 87.0 | 72.8 | 127.7 | 61.2 | 29.8 | 8.7 | 815.7 |
| MAX 24 hrs | - | 25.5 | 34.7 | 12.6 | 28.0 | 20.5 | 21.3 | 14.5 | 30.8 | 32.8 | 14.2 | 8.7 | 34.7 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 154

NOMBRE ESTACION : LA TORCAZA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|------|-----|-----|-------|-------|-------|-------|-------|------|------|------|-------|
| TOTAL | 3.9 | 62.6 | . | . | 256.2 | 224.1 | 117.3 | 128.0 | 260.3 | 91.5 | 42.0 | 28.8 | . |
| MAX 24 hrs | 2.7 | 22.7 | . | . | 40.2 | 42.2 | 27.1 | 35.5 | 52.8 | 48.7 | 11.9 | 8.4 | . |

NOMBRE ESTACION : LOS SAUCES SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| TOTAL | 11.4 | 14.3 | 27.6 | 87.0 | 78.0 | 74.3 | 88.4 | 71.7 | 67.9 | 67.5 | 28.2 | 13.7 | 630.0 |
| MAX 24 hrs | 11.4 | 11.2 | 15.6 | 40.6 | 15.3 | 22.3 | 44.6 | 24.4 | 10.2 | 55.4 | 16.5 | 6.3 | 55.4 |

NOMBRE ESTACION : CUNCO SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--------|
| TOTAL | 27.3 | 85.9 | 130.6 | 138.3 | 242.3 | 259.7 | 189.6 | 173.8 | 365.0 | 109.7 | 92.7 | 35.4 | 1850.3 |
| MAX 24 hrs | 23.8 | 53.4 | 75.0 | 42.0 | 40.0 | 47.0 | 41.2 | 35.0 | 58.0 | 71.2 | 33.0 | 13.0 | 75.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 155

NOMBRE ESTACION : CURACO EN LA BALSA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 14.0 | 50.0 | 135.0 | 165.0 | 363.0 | 324.0 | 136.0 | 132.0 | 235.0 | 88.0 | 73.0 | 8.0 | 1723.0 |
| MAX 24 hrs | 14.0 | 34.0 | 61.0 | 67.0 | 40.0 | 57.0 | 51.0 | 43.0 | 43.0 | 50.0 | 19.0 | 8.0 | 67.0 |

NOMBRE ESTACION : FLOR DEL LAGO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|------|--------|
| TOTAL | 17.1 | 68.2 | 168.2 | 186.5 | 359.4 | 298.7 | 275.8 | 312.9 | 447.2 | 123.6 | 60.9 | 34.0 | 2352.5 |
| MAX 24 hrs | 11.0 | 31.1 | 74.2 | 74.0 | 52.0 | 65.0 | 57.2 | 66.0 | 84.9 | 36.0 | 13.0 | 12.2 | 84.9 |

NOMBRE ESTACION : QUILENTUE FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|-------|
| TOTAL | 47.6 | 97.9 | 242.6 | 244.2 | 436.4 | 422.4 | 260.8 | 267.8 | 416.6 | 148.9 | . | 67.4 | . |
| MAX 24 hrs | 37.9 | 36.1 | 82.5 | 68.3 | 63.7 | 65.0 | 66.4 | 43.1 | 123.9 | 40.6 | . | 24.0 | . |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 156

NOMBRE ESTACION : SAN JOSE DE LA MARIQUINA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------|
| TOTAL | 28.8 | 59.5 | 123.9 | 151.0 | 268.9 | 144.5 | 112.7 | 181.6 | 197.0 | 79.1 | 45.4 | 31.1 | 1423.5 |
| MAX 24 hrs | 13.7 | 22.0 | 80.9 | 55.9 | 46.5 | 34.6 | 20.3 | 58.8 | 41.0 | 19.2 | 12.4 | 6.5 | 80.9 |

NOMBRE ESTACION : CHAITEN AERÓDROMO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| TOTAL | 208.5 | 145.3 | 233.3 | 380.3 | 489.6 | 405.2 | 404.2 | 395.3 | 353.7 | 248.1 | 267.1 | 276.6 | 3807.2 |
| MAX 24 hrs | 51.8 | 82.9 | 76.5 | 66.1 | 53.9 | 69.9 | 83.3 | 61.1 | 50.8 | 63.7 | 48.9 | 38.0 | 83.3 |

NOMBRE ESTACION : FRUTILLAR CENTRO EXP.

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|-------|-------|-------|-------|-------|------|------|------|------|--------|
| TOTAL | 66.1 | 54.0 | 81.1 | 279.2 | 132.0 | 105.1 | 183.2 | 128.1 | 99.2 | 81.0 | 65.2 | 63.0 | 1337.2 |
| MAX 24 hrs | 17.0 | 17.0 | 29.0 | 42.0 | 18.0 | 24.0 | 27.0 | 32.0 | 20.1 | 20.0 | 14.0 | 15.0 | 42.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 157

NOMBRE ESTACION : PUERTO VARAS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|-----|------|------|------|------|------|------|------|------|------|------|-------|
| TOTAL | 15.6 | 7.7 | 23.6 | 39.4 | 53.1 | 54.8 | 36.2 | 48.6 | 38.3 | 30.2 | 15.1 | 22.8 | 385.4 |
| MAX 24 hrs | 6.2 | 2.8 | 9.0 | 6.3 | 5.9 | 8.8 | 5.7 | 8.0 | 5.8 | 9.5 | 2.9 | 5.2 | 9.5 |

NOMBRE ESTACION : LAGO RANCO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|-----|-----|-------|-------|-------|-------|-------|-------|-------|-------|-----|-------|
| TOTAL | 50.5 | . | . | 196.0 | 321.0 | 250.0 | 222.0 | 180.0 | 253.5 | 205.5 | 101.5 | 5.5 | . |
| MAX 24 hrs | 21.0 | . | . | 83.0 | 62.0 | 47.0 | 40.5 | 50.0 | 46.0 | 50.0 | 23.5 | 2.0 | . |

NOMBRE ESTACION : LA UNION SENDOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|-------|------|------|------|------|------|------|------|-------|
| TOTAL | 29.5 | 59.7 | 22.3 | 53.9 | 132.8 | 49.2 | 99.8 | 85.0 | 74.9 | 18.7 | 31.9 | 14.0 | 671.7 |
| MAX 24 hrs | 14.9 | 56.2 | 7.1 | 11.4 | 22.6 | 16.5 | 26.0 | 36.0 | 27.9 | 9.8 | 8.6 | 9.5 | 56.2 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 158

NOMBRE ESTACION : RIO BUENO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|-------|------|-------|-------|-------|------|------|------|--------|
| TOTAL | 53.7 | 56.0 | 46.9 | 95.8 | 171.2 | 88.0 | 133.9 | 118.1 | 131.9 | 34.0 | 46.1 | 29.7 | 1005.3 |
| MAX 24 hrs | 27.0 | 42.4 | 22.5 | 28.0 | 28.0 | 32.8 | 55.7 | 30.5 | 26.0 | 8.8 | 9.2 | 8.0 | 55.7 |

NOMBRE ESTACION : SAN PABLO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|------|-------|-------|-------|-------|-------|------|------|-----|--------|
| TOTAL | 53.6 | 46.9 | 72.4 | 75.5 | 151.5 | 115.8 | 163.5 | 139.1 | 179.8 | 38.4 | 46.4 | 0.6 | 1083.5 |
| MAX 24 hrs | 35.3 | 34.6 | 34.7 | 32.7 | 32.9 | 42.7 | 36.2 | 38.7 | 38.9 | 9.3 | 10.7 | 0.6 | 42.7 |

NOMBRE ESTACION : OSORNO OVEJERIA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|-------|-------|-------|------|------|-------|------|------|------|-------|
| TOTAL | 22.7 | 23.4 | 47.4 | 126.3 | 159.0 | 159.1 | 84.2 | 92.2 | 156.2 | 56.0 | 42.8 | 11.3 | 980.6 |
| MAX 24 hrs | 11.5 | 12.8 | 23.4 | 40.6 | 22.1 | 29.0 | 20.1 | 24.8 | 45.7 | 12.6 | 11.5 | 3.3 | 45.7 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 159

NOMBRE ESTACION : PUNTA HUANO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| TOTAL | 129.0 | 91.5 | 245.0 | 408.0 | 381.9 | 461.1 | 302.0 | 325.5 | 363.0 | 147.3 | 142.8 | 141.0 | 3138.1 |
| MAX 24 hrs | 45.0 | 27.0 | 123.7 | 142.8 | 44.4 | 70.2 | 81.5 | 51.0 | 70.2 | 32.4 | 25.2 | 24.6 | 142.8 |

NOMBRE ESTACION : LA ENSENADA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|
| TOTAL | 86.3 | 60.1 | 150.1 | 364.4 | 377.3 | 411.8 | 201.8 | 376.4 | 253.7 | 268.5 | 168.1 | 157.9 | 2876.4 |
| MAX 24 hrs | 17.3 | 17.4 | 70.0 | 72.0 | 75.7 | 42.4 | 35.7 | 35.7 | 42.7 | 40.3 | 32.9 | 28.5 | 75.7 |

NOMBRE ESTACION : PURULON ESC. AGRICOLA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|------|-------|-------|-------|-------|-------|-------|------|------|------|--------|
| TOTAL | 20.5 | 57.1 | 82.5 | 154.8 | 270.5 | 212.1 | 222.5 | 211.9 | 263.6 | 99.4 | 63.8 | 49.0 | 1707.7 |
| MAX 24 hrs | 20.5 | 35.6 | 59.9 | 33.5 | 39.5 | 49.0 | 46.2 | 47.5 | 49.9 | 35.5 | 11.8 | 13.8 | 59.9 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 160

NOMBRE ESTACION : REUMEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|------|------|------|--------|
| TOTAL | 86.3 | 58.0 | 132.1 | 219.2 | 376.9 | 101.8 | 218.3 | 283.7 | 300.0 | 68.5 | 76.7 | 54.5 | 1976.0 |
| MAX 24 hrs | 39.3 | 35.0 | 91.0 | 113.0 | 92.0 | 37.5 | 40.1 | 80.5 | 52.8 | 25.7 | 20.5 | 17.8 | 113.0 |

NOMBRE ESTACION : SEGUNDO CORRAL AERÓDROMO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|
| TOTAL | . | . | . | 289.2 | 351.8 | 443.0 | 226.6 | 332.3 | 299.5 | 160.0 | 98.6 | 123.1 | . |
| MAX 24 hrs | . | . | . | 57.0 | 59.6 | 70.7 | 57.0 | 50.0 | 63.0 | 37.3 | 30.8 | 32.0 | . |

NOMBRE ESTACION : FUTALEUFU AERÓDROMO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|--------|
| TOTAL | 29.8 | 45.6 | 161.4 | 255.5 | 255.7 | 302.8 | 168.1 | 226.5 | 196.7 | 147.8 | 66.8 | 136.7 | 1993.4 |
| MAX 24 hrs | 8.3 | 11.8 | 80.8 | 68.6 | 35.4 | 75.0 | 34.1 | 42.6 | 56.8 | 64.3 | 19.0 | 41.3 | 80.8 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 161

NOMBRE ESTACION : QUELLON AERÓDROMO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 102.3 | 57.1 | 94.0 | 76.9 | 296.6 | 193.2 | 194.7 | 210.6 | 210.5 | 113.5 | 118.1 | 119.9 | 1787.4 |
| MAX 24 hrs | 37.1 | 18.0 | 38.4 | 37.0 | 49.2 | 39.2 | 38.0 | 36.7 | 44.8 | 39.6 | 17.3 | 38.0 | 49.2 |

NOMBRE ESTACION : PUYUHUAPI

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 227.1 | 86.7 | 258.7 | 342.2 | 541.3 | 440.6 | 334.8 | 463.5 | 427.7 | 284.5 | 275.9 | 314.0 | 3997.0 |
| MAX 24 hrs | 41.0 | 32.0 | 77.0 | 60.5 | 71.5 | 60.3 | 65.4 | 76.5 | 50.6 | 62.4 | 51.0 | 75.2 | 77.0 |

NOMBRE ESTACION : PUERTO AYSEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 156.5 | 52.6 | 162.0 | 151.0 | 505.0 | 406.9 | 322.3 | 302.2 | 245.7 | 178.8 | 185.6 | 161.8 | 2830.4 |
| MAX 24 hrs | 27.2 | 15.6 | 56.3 | 35.2 | 59.0 | 41.1 | 46.2 | 45.4 | 35.1 | 25.3 | 27.8 | 28.5 | 59.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 162

NOMBRE ESTACION : COYHAIQUE ESC. AGRICOLA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 40.4 | 16.6 | 55.9 | 64.3 | 202.6 | 148.9 | 86.6 | 114.2 | 88.1 | 66.0 | 52.4 | 24.6 | 960.6 |
| MAX 24 hrs | 16.6 | 11.3 | 23.2 | 17.2 | 30.0 | 26.1 | 26.5 | 19.8 | 20.8 | 21.8 | 18.0 | 9.5 | 30.0 |

NOMBRE ESTACION : CHILE CHICO AERÓDROMO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 5.0 | 11.2 | 11.8 | 4.7 | 45.1 | 42.8 | 39.3 | 66.6 | 31.5 | 11.2 | 13.8 | 2.8 | 285.8 |
| MAX 24 hrs | 5.0 | 6.9 | 4.4 | 1.6 | 15.8 | 16.4 | 22.5 | 16.2 | 13.4 | 4.2 | 9.8 | 2.2 | 22.5 |

NOMBRE ESTACION : LORD COCHRANE AERÓDROMO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|--------------|
| TOTAL | 48.9 | 8.6 | 53.2 | 26.5 | 142.6 | 184.6 | 161.2 | 94.9 | 91.0 | 58.0 | 42.0 | 22.7 | 934.2 |
| MAX 24 hrs | 25.0 | 4.7 | 12.2 | 7.5 | 40.0 | 37.5 | 57.8 | 28.6 | 23.6 | 11.5 | 21.3 | 14.0 | 57.8 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 163

NOMBRE ESTACION : MORRO CHICO RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|------|-----|-------|
| TOTAL | 6.8 | 0.0 | 43.5 | 47.3 | 68.5 | 35.1 | 44.6 | 27.0 | 46.8 | 37.0 | 12.0 | 6.0 | 374.6 |
| MAX 24 hrs | 3.5 | 0.0 | 7.3 | 21.5 | 26.8 | 11.4 | 22.9 | 10.0 | 25.0 | 10.3 | 6.0 | 4.0 | 26.8 |

NOMBRE ESTACION : HACIENDA LONGOVILO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 5.0 | 0.9 | 13.0 | 2.3 | 58.4 | 51.0 | 56.6 | 23.3 | - | - | 210.5 |
| MAX 24 hrs | - | - | 4.1 | 0.5 | 13.0 | 2.3 | 39.2 | 30.5 | 27.1 | 23.3 | - | - | 39.2 |

NOMBRE ESTACION : SANTIAGO LOS CERRILLOS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 9.3 | 0.2 | 4.9 | 1.8 | 61.1 | 61.2 | 20.8 | 15.3 | 0.0 | 0.0 | 174.6 |
| MAX 24 hrs | - | - | 9.3 | 0.2 | 4.5 | 1.6 | 33.3 | 45.7 | 15.4 | 13.1 | 0.0 | 0.0 | 45.7 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 164

NOMBRE ESTACION : TOBALABA AERÓDROMO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 17.1 | 8.8 | 10.5 | 3.3 | 71.2 | 84.6 | 21.8 | 15.4 | 0.0 | - | 232.7 |
| MAX 24 hrs | - | - | 15.5 | 5.4 | 10.5 | 2.8 | 51.2 | 54.0 | 9.8 | 13.2 | 0.0 | - | 54.0 |

NOMBRE ESTACION : FARELLONES SKY CLUB

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|------|------|------|------|------|------|------|-----|-----|-------|
| TOTAL | - | 0.0 | 20.0 | 22.5 | 11.3 | 13.5 | 60.5 | 51.2 | 76.6 | 19.0 | 0.3 | 3.3 | 278.2 |
| MAX 24 hrs | - | 0.0 | 16.0 | 10.0 | 5.5 | 8.5 | 33.5 | 45.2 | 37.0 | 9.5 | 0.3 | 2.5 | 45.2 |

NOMBRE ESTACION : CENTRAL FLORIDA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 35.4 | 7.6 | 13.6 | 2.5 | 82.3 | 93.0 | 43.3 | 18.1 | - | - | 295.8 |
| MAX 24 hrs | - | - | 18.6 | 6.0 | 13.4 | 2.0 | 47.8 | 61.0 | 18.1 | 18.1 | - | - | 61.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 165

NOMBRE ESTACION : CENTRAL LOS MORROS

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 0.0 | - | 13.4 | 5.1 | 47.4 | 56.8 | 31.6 | 14.6 | - | - | 168.9 |
| MAX 24 hrs | - | - | 0.0 | - | 13.4 | 4.1 | 20.6 | 40.8 | 15.2 | 13.5 | - | - | 40.8 |

NOMBRE ESTACION : QUELTEHUE CENTRAL

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|------|------|------|-------|-------|------|-----|-----|-------|
| TOTAL | - | - | - | - | 48.0 | 26.0 | 44.0 | 113.5 | 151.9 | 10.5 | - | 3.8 | 397.7 |
| MAX 24 hrs | - | - | - | - | 46.0 | 16.5 | 26.0 | 79.0 | 55.5 | 7.0 | - | 3.8 | 79.0 |

NOMBRE ESTACION : PELDEHUE

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 6.2 | 0.8 | 0.2 | 1.8 | 62.5 | 65.7 | 12.0 | 6.4 | - | . | . |
| MAX 24 hrs | - | - | 6.2 | 0.6 | 0.2 | 1.8 | 31.2 | 44.3 | 9.9 | 5.9 | - | . | . |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 166

NOMBRE ESTACION : EL TRANQUE LEPE FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|-----|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 15.5 | - | 9.1 | 1.3 | 68.6 | 40.7 | 22.6 | 5.1 | - | - | 162.9 |
| MAX 24 hrs | - | - | 15.5 | - | 9.1 | 1.3 | 41.9 | 22.1 | 10.4 | 5.1 | - | - | 41.9 |

NOMBRE ESTACION : VALLE HERMOSO FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|-----|------|-----|-----|-------|
| TOTAL | - | - | 6.8 | 1.2 | 3.5 | 0.0 | 73.8 | 63.0 | 9.1 | 12.4 | - | - | 169.8 |
| MAX 24 hrs | - | - | 6.8 | 0.7 | 3.5 | 0.0 | 40.6 | 43.4 | 4.7 | 6.6 | - | - | 43.4 |

NOMBRE ESTACION : LOS RULOS FUNDO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|-----|-----|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 8.8 | 0.0 | 3.6 | 0.0 | 69.5 | 72.2 | 13.1 | 15.0 | - | - | 182.2 |
| MAX 24 hrs | - | - | 8.8 | 0.0 | 3.6 | 0.0 | 40.0 | 48.2 | 8.3 | 8.7 | - | - | 48.2 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 167

NOMBRE ESTACION : LA OBRA DEL MAIPO

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 24.9 | 6.6 | 21.3 | 1.5 | 82.8 | 98.4 | 75.0 | 27.3 | 0.9 | 2.3 | 341.0 |
| MAX 24 hrs | - | - | 22.5 | 5.3 | 19.8 | 1.5 | 38.4 | 54.0 | 26.6 | 25.2 | 0.5 | 2.3 | 54.0 |

NOMBRE ESTACION : CALERA DE TANGO C. SOLOA

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 12.6 | - | 12.3 | 4.5 | 69.6 | 55.3 | 33.6 | 11.0 | - | - | 198.9 |
| MAX 24 hrs | - | - | 12.6 | - | 7.6 | 3.0 | 31.6 | 41.6 | 24.0 | 11.0 | - | - | 41.6 |

NOMBRE ESTACION : SAN JOSE DE MAIPO S. COM.

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|------|------|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | - | 22.5 | 22.0 | 6.5 | 13.6 | 75.0 | 82.5 | 9.0 | - | - | 231.1 |
| MAX 24 hrs | - | - | - | 11.5 | 20.5 | 4.5 | 7.5 | 52.0 | 40.0 | 7.0 | - | - | 52.0 |

AÑO: 1990

PRECIPITACION LIQUIDA (mm)

PAGINA : 168

NOMBRE ESTACION : SAN GABRIEL RETEN

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|-----|------|-----|-----|------|------|-------|-----|-----|-----|-------|
| TOTAL | - | - | - | 45.0 | 4.0 | . | 54.0 | 76.0 | 105.0 | 6.0 | - | 4.0 | . |
| MAX 24 hrs | - | - | - | 30.0 | 4.0 | . | 33.0 | 52.0 | 45.0 | 3.5 | - | 4.0 | . |

NOMBRE ESTACION : ACULEO RANGUE

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|-----|-----|-----|-------|
| TOTAL | - | - | 13.0 | - | 22.0 | 2.5 | 97.5 | 65.0 | 50.0 | 0.5 | - | - | 250.5 |
| MAX 24 hrs | - | - | 10.0 | - | 22.0 | 2.5 | 50.5 | 45.0 | 39.5 | 0.5 | - | - | 50.5 |

NOMBRE ESTACION : QUEBRADA SAN RAMON

| DATO | ENE | FEB | MAR | ABR | MAY | JUN | JUL | AGO | SEP | OCT | NOV | DIC | ANUAL |
|-----------------------|-----|-----|------|-----|------|-----|------|------|------|------|-----|-----|-------|
| TOTAL | - | - | 19.1 | 5.8 | 13.9 | 3.8 | 63.4 | 70.9 | 28.4 | 13.5 | 0.0 | 1.5 | 220.3 |
| MAX 24 hrs | - | - | 17.1 | 4.4 | 12.4 | 3.5 | 38.5 | 47.6 | 9.7 | 10.6 | 0.0 | 1.5 | 47.6 |

AÑO: 1990

Aire Superior

CATASTRO DE ESTACIONES

PAGINA : 170

| PAGINA | NOMBRE ESTACION | REGION | LATITUD (Sur) | LONGITUD (Oeste) | ELEVACION (Metros) |
|---------------|----------------------------|---------------|----------------------------|-------------------------------|---------------------------------|
| 171 | ANTOFAGASTA CERRO MORENO | II | 23°26' | 70°26' | 135 |
| 174 | QUINTERO | V | 32°47' | 71°31' | 8 |
| 177 | PUERTO MONTT EL TEPUAL | X | 41°25' | 73°05' | 85 |
| 180 | PUNTA ARENAS CARLOS IBAÑEZ | XII | 53°00' | 70°51' | 37 |

AÑO: 1990

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | | | | | | |
|------------------------|---|-------------|-----------|----------|----------|-------------|-------------|-----------|-----------|----------|-------------|------------|-----------|-----------|----------|
| | SUPERFICIE | | | | | 850 hPa | | | | | 700 hPa | | | | |
| | PP | T | HR | DD | FF | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 1000 | 18.7 | 84 | S | 3 | 1493 | 15.5 | 34 | NE | 6 | 3136 | 11.2 | 16 | E | 1 |
| FEBRERO | 1002 | 17.9 | 84 | S | 2 | 1517 | 16.5 | 32 | NE | 6 | 3156 | 10.6 | 12 | SE | 1 |
| MARZO | 1001 | 16.5 | 87 | S | 2 | 1502 | 17.5 | 29 | NE | 6 | 3146 | 11.5 | 12 | NW | 2 |
| ABRIL | 1004 | 15.7 | 85 | E | 1 | 1502 | 17.4 | 20 | NE | 4 | 3140 | 9.5 | 9 | NW | 8 |
| MAYO | 1002 | 13.7 | 88 | E | 2 | 1504 | 18.0 | 19 | E | 4 | 3142 | 9.8 | 9 | NW | 4 |
| JUNIO | 1002 | 13.2 | 84 | NE | 2 | 1505 | 18.4 | 12 | E | 4 | 3138 | 8.4 | 10 | NW | 10 |
| JULIO | 1004 | 12.3 | 84 | E | 2 | 1509 | 16.2 | 11 | E | 2 | 3134 | 7.6 | 8 | W | 7 |
| AGOSTO | 1003 | 13.1 | 84 | NW | 1 | 1506 | 19.1 | 8 | SW | 2 | 3140 | 9.1 | 7 | W | 11 |
| SEPTIEMBRE | 1003 | 12.8 | 83 | SW | 1 | 1503 | 17.9 | 14 | SE | 3 | 3133 | 9.3 | 8 | W | 7 |
| OCTUBRE | 1004 | 13.9 | 85 | S | 5 | 1509 | 16.8 | 12 | NE | 2 | 3140 | 8.6 | 8 | NW | 11 |
| NOVIEMBRE | 1002 | 16.2 | 77 | S | 5 | 1501 | 18.4 | 10 | NE | 4 | 3143 | 10.9 | 11 | N | 5 |
| DICIEMBRE | 1001 | 18.3 | 77 | SW | 3 | 1504 | 16.7 | 22 | NE | 6 | 3143 | 11.5 | 14 | E | 1 |
| ANUAL | 1002 | 15.2 | 83 | S | 2 | 1504 | 17.4 | 18 | NE | 3 | 3140 | 0.0 | 10 | NW | 5 |

AÑO : 1990

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | | | | | | |
|--------------------|---|-------|----|----|----|---------|-------|----|----|----|---------|-------|----|----|----|
| | 500 hPa | | | | | 300 hPa | | | | | 200 hPa | | | | |
| | HH | T | HR | DD | FF | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 5660 | -5.5 | 9 | S | 4 | 9674 | -32.0 | 11 | W | 10 | 12411 | -53.0 | 5 | NW | 19 |
| FEBRERO | 5862 | -7.4 | 8 | W | 7 | 9630 | -35.1 | 9 | W | 32 | 12349 | -52.7 | 3 | NW | 34 |
| MARZO | 5864 | -6.8 | 14 | W | 15 | 9639 | -34.9 | 14 | W | 32 | 12348 | -55.2 | 9 | W | 38 |
| ABRIL | 5846 | -7.8 | 14 | W | 23 | 9612 | -34.9 | 10 | W | 23 | 12323 | -52.5 | 7 | W | 65 |
| MAYO | 5833 | -9.2 | 6 | W | 17 | 9577 | -36.9 | 11 | W | 46 | 12269 | -55.5 | 8 | W | 78 |
| JUNIO | 5819 | -10.4 | 5 | W | 18 | 9533 | -38.8 | 7 | W | 44 | 12205 | -56.0 | 4 | W | 61 |
| JULIO | 5805 | -11.4 | 2 | W | 24 | 9512 | -37.9 | 4 | W | 58 | 12202 | -54.8 | 2 | W | 84 |
| AGOSTO | 5825 | -10.4 | 6 | W | 23 | 9546 | -38.3 | 7 | W | 44 | 12280 | -55.1 | 3 | W | 58 |
| SEPTIEMBRE | 5827 | -9.5 | 7 | W | 24 | 9556 | -37.5 | 6 | W | 40 | 12243 | -55.4 | 5 | W | 60 |
| OCTUBRE | 5836 | -8.1 | 4 | W | 24 | 9608 | -34.4 | 7 | W | 61 | 12326 | -54.1 | 8 | NW | 69 |
| NOVIEMBRE | 5865 | -5.7 | 5 | W | 12 | 9662 | -31.8 | 8 | W | 36 | 12388 | -53.9 | 10 | NW | 43 |
| DICIEMBRE | 5874 | -4.8 | 17 | W | 6 | 9691 | -32.0 | 17 | NW | 19 | 12428 | -53.6 | 16 | NW | 36 |
| ANUAL | 5842 | -8.1 | 8 | W | 16 | 9603 | -35.4 | 9 | W | 36 | 12314 | -54.3 | 6 | W | 52 |

AÑO : 1990

NOMBRE ESTACION : ANTOFAGASTA CERRO MORENO

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | |
|--------------------|---|--------------|----------|----------|-----------|--------------|--------------|----------|----------|-----------|
| | 150 hPa | | | | | 100 hPa | | | | |
| | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 14211 | -63.3 | 3 | NW | 12 | 16603 | -76.5 | 1 | E | 5 |
| FEBRERO | 14161 | -63.2 | 1 | NW | 21 | 16576 | -74.7 | 1 | N | 6 |
| MARZO | 14140 | -64.3 | 5 | W | 32 | 16561 | -74.8 | 1 | W | 10 |
| ABRIL | 14131 | -63.5 | 2 | W | 53 | 16550 | -74.3 | 1 | W | 24 |
| MAYO | 14063 | -64.1 | 3 | W | 71 | 16494 | -71.0 | 1 | W | 37 |
| JUNIO | 14007 | -63.5 | 1 | W | 55 | 16457 | -69.6 | 1 | W | 33 |
| JULIO | 13996 | -63.2 | 1 | W | 57 | 16456 | -68.9 | 1 | W | 28 |
| AGOSTO | 1405 | -63.1 | 1 | W | 51 | 16481 | -69.3 | 1 | W | 25 |
| SEPTIEMBRE | 14043 | -63.6 | 2 | W | 53 | 16480 | -69.8 | 1 | W | 29 |
| OCTUBRE | 14125 | -65.0 | 3 | W | 56 | 16540 | -73.6 | 1 | W | 22 |
| NOVIEMBRE | 14183 | -64.8 | . | NW | 40 | 16592 | -75.5 | . | NW | 14 |
| DICIEMBRE | 14217 | -65.8 | 6 | NW | 29 | 16603 | -76.8 | 2 | NW | 6 |
| ANUAL | 14108 | -64.0 | . | W | 43 | 16532 | -72.9 | . | W | 18 |

AÑO : 1990

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | | | | | | |
|------------------------|---|-------------|-----------|----------|----------|-------------|-------------|-----------|----------|----------|-------------|------------|----------|-----------|-----------|
| | SUPERFICIE | | | | | 850 hPa | | | | | 700 hPa | | | | |
| | PP | T | HR | DD | FF | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 1012 | 14.6 | 88 | N | 1 | 1493 | 16.6 | 33 | S | 7 | 3125 | 9.0 | 7 | NW | 5 |
| FEBRERO | 1015 | 13.9 | 90 | N | 1 | 1510 | 16.3 | 30 | S | 1 | 3141 | 8.2 | 16 | N | 10 |
| MARZO | 1014 | 11.5 | 89 | W | 1 | 1501 | 15.8 | 24 | S | 4 | 3123 | 6.8 | 15 | NW | 8 |
| ABRIL | 1014 | 10.0 | 94 | CALMA | | 1499 | 12.6 | 35 | NW | 1 | 3104 | 4.5 | 15 | N | 15 |
| MAYO | 1016 | 6.9 | 93 | NE | 1 | 1510 | 12.5 | 16 | S | 5 | 3110 | 3.2 | 13 | NW | 8 |
| JUNIO | 1017 | 6.0 | 95 | E | 1 | 1463 | 13.3 | 20 | S | 3 | 3119 | 4.2 | 16 | NW | 7 |
| JULIO | 1019 | 6.0 | 93 | N | 1 | 1517 | 9.9 | 20 | W | 4 | 3101 | 0.1 | 15 | NW | 10 |
| AGOSTO | 1017 | 8.6 | 96 | N | 1 | 1509 | 13.0 | 21 | SW | 3 | 3112 | 3.1 | 19 | NW | 10 |
| SEPTIEMBRE | 1018 | 8.3 | 93 | NW | 1 | 1510 | 9.9 | 28 | SW | 5 | 3100 | 1.8 | 12 | NW | 10 |
| OCTUBRE | 1018 | 10.1 | 91 | NE | 1 | 1507 | 10.7 | 19 | SW | 2 | 3101 | 2.5 | 12 | N | 14 |
| NOVIEMBRE | 1015 | 12.1 | 88 | NW | 1 | 1496 | 13.6 | 27 | S | 3 | 3110 | 5.8 | . | NW | 13 |
| DICIEMBRE | 1014 | 13.7 | 87 | N | 1 | 1501 | 15.4 | 25 | S | 4 | 3126 | 8.2 | 12 | NW | 8 |
| ANUAL | 1015 | 10.1 | 91 | N | 1 | 1501 | 13.3 | 24 | S | 3 | 3114 | 0.7 | . | NW | 10 |

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | | | | | | |
|--------------------|---|--------------|-----------|----------|-----------|-------------|--------------|-----------|----------|-----------|--------------|--------------|----------|----------|-----------|
| | 500 hPa | | | | | 300 hPa | | | | | 200 hPa | | | | |
| | HH | T | HR | DD | FF | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 5813 | -9.6 | 5 | W | 19 | 9551 | -36.2 | 5 | W | 43 | 12268 | -51.8 | 3 | W | 54 |
| FEBRERO | 5819 | -11.3 | 17 | NW | 16 | 9527 | -38.7 | 14 | NW | 32 | 12232 | -51.4 | 2 | NW | 44 |
| MARZO | 5789 | -12.2 | 16 | W | 20 | 9487 | -39.4 | 13 | W | 36 | 12168 | -53.0 | 3 | W | 47 |
| ABRIL | 5750 | -13.8 | 15 | W | 23 | 9420 | -41.3 | 16 | W | 44 | 12082 | -54.3 | 3 | W | 62 |
| MAYO | 5741 | -15.6 | 22 | W | 25 | 9390 | -42.6 | 19 | W | 50 | 12020 | -58.9 | 11 | W | 60 |
| JUNIO | 5756 | -12.3 | 25 | W | 20 | 9414 | -42.8 | 20 | W | 33 | 12040 | -58.6 | 8 | W | 46 |
| JULIO | 5707 | -17.7 | 19 | W | 22 | 9333 | -44.2 | 14 | W | 44 | 11970 | -54.5 | 4 | W | 57 |
| AGOSTO | 55740 | -15.7 | 15 | W | 22 | 9390 | -42.8 | 19 | W | 43 | 12031 | -56.0 | 5 | W | 55 |
| SEPTIEMBRE | 5721 | -16.0 | 17 | W | 25 | 9374 | -42.5 | 17 | W | 49 | 12010 | -54.8 | 4 | W | 62 |
| OCTUBRE | 5725 | -15.5 | 12 | NW | 24 | 9383 | -41.0 | 9 | W | 58 | 12056 | -52.9 | 2 | W | 62 |
| NOVIEMBRE | 5766 | -12.6 | 8 | NW | 24 | 9458 | -39.3 | 10 | W | 61 | 12135 | -54.2 | 3 | W | 74 |
| DICIEMBRE | 5815 | -9.6 | 12 | W | 23 | 9553 | -36.6 | 14 | W | 52 | 12251 | -54.3 | 6 | W | 72 |
| ANUAL | 5761 | -13.5 | 15 | W | 21 | 9439 | -40.6 | 14 | W | 44 | 12104 | -54.6 | 4 | W | 56 |

AÑO : 1990

NOMBRE ESTACION : QUINTERO

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | |
|--------------------|---|--------------|----------|----------|-----------|--------------|--------------|----------|----------|-----------|
| | 150 hPa | | | | | 100 hPa | | | | |
| | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 14102 | -59.6 | 1 | W | 43 | 16572 | -69.8 | 1 | W | 26 |
| FEBRERO | 14065 | -57.9 | 1 | NW | 32 | 16558 | -68.1 | 1 | NW | 12 |
| MARZO | 14000 | -58.1 | 1 | W | 40 | 16502 | -66.7 | 1 | W | 24 |
| ABRIL | 13909 | -57.7 | 1 | W | 56 | 16427 | -64.3 | 1 | W | 32 |
| MAYO | 13813 | -58.3 | 2 | W | 56 | 16350 | -64.4 | 1 | W | 32 |
| JUNIO | 13836 | -60.1 | 2 | W | 46 | 16352 | -64.3 | 1 | W | 30 |
| JULIO | 13808 | -56.0 | 1 | W | 48 | 16355 | -61.9 | 1 | W | 23 |
| AGOSTO | 13853 | -57.7 | 1 | W | 48 | 16377 | -63.4 | 1 | W | 30 |
| SEPTIEMBRE | 13835 | -57.9 | 2 | W | 50 | 16367 | -62.3 | 1 | W | 28 |
| OCTUBRE | 13894 | -57.1 | 1 | W | 55 | 16422 | -63.8 | 1 | NW | 32 |
| NOVIEMBRE | 13966 | -58.0 | 1 | W | 60 | 16480 | -65.0 | 1 | NW | 34 |
| DICIEMBRE | 14050 | -61.5 | 2 | W | 58 | 16528 | -69.7 | 1 | W | 30 |
| ANUAL | 13926 | -58.3 | 1 | W | 48 | 16440 | -65.2 | 1 | W | 27 |

AÑO : 1990

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | | | | | | |
|------------------------|---|------------|-----------|----------|----------|-------------|------------|-----------|----------|----------|-------------|-------------|-----------|----------|-----------|
| | SUPERFICIE | | | | | 850 hPa | | | | | 700 hPa | | | | |
| | PP | T | HR | DD | FF | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 1005 | 10.3 | 95 | SW | 1 | 1471 | 6.1 | 59 | S | 8 | 3047 | 0.4 | 36 | W | 19 |
| FEBRERO | 1006 | 10.0 | 98 | SW | 1 | 1488 | 10.0 | 46 | W | 3 | 3081 | 2.6 | 24 | NW | 11 |
| MARZO | 1006 | 8.6 | 97 | NW | 1 | 1475 | 6.6 | 62 | SW | 10 | 3050 | -0.3 | 39 | SW | 17 |
| ABRIL | 1005 | 6.7 | 97 | N | 2 | 1456 | 3.9 | 56 | SW | 10 | 3014 | -3.1 | 29 | SW | 18 |
| MAYO | 1006 | 6.6 | 97 | N | 7 | 1458 | 2.3 | 82 | W | 13 | 3006 | -5.4 | 42 | W | 24 |
| JUNIO | 1006 | 5.4 | 96 | N | 4 | 1462 | 2.6 | 58 | W | 15 | 3010 | -4.9 | 34 | W | 29 |
| JULIO | 1008 | 4.7 | 97 | N | 6 | 1472 | 1.3 | 57 | W | 10 | 3001 | -6.2 | 27 | W | 19 |
| AGOSTO | 1006 | 5.9 | 95 | N | 5 | 1457 | 1.6 | 70 | W | 13 | 3003 | -4.8 | 33 | W | 23 |
| SEPTIEMBRE | 1006 | 6.0 | 95 | N | 5 | 1455 | 1.9 | 55 | NW | 11 | 2999 | -6.3 | 43 | W | 17 |
| OCTUBRE | 1007 | 6.2 | 95 | N | 1 | 1474 | 2.9 | 51 | W | 10 | 3022 | -4.6 | 30 | W | 19 |
| NOVIEMBRE | 1007 | 7.4 | 95 | SW | 1 | 1469 | 3.2 | 53 | SW | 11 | 3023 | -2.7 | 18 | W | 21 |
| DICIEMBRE | 1005 | 9.6 | 94 | E | 1 | 1464 | 5.5 | 52 | W | 10 | 3032 | -1.2 | 25 | W | 17 |
| ANUAL | 1006 | 7.3 | 95 | N | 4 | 1466 | 4.0 | 58 | W | 9 | 3023 | -0.1 | 31 | W | 19 |

AÑO : 1990

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | | | | | | |
|--------------------|---|--------------|-----------|----------|-----------|-------------|--------------|-----------|----------|-----------|--------------|--------------|----------|----------|-----------|
| | 500 hPa | | | | | 300 hPa | | | | | 200 hPa | | | | |
| | HH | T | HR | DD | FF | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 5667 | -15.2 | 19 | W | 34 | 9329 | -41.3 | 14 | W | 49 | 11993 | -53.5 | 3 | W | 60 |
| FEBRERO | 5718 | -14.5 | 20 | NW | 15 | 9388 | -41.8 | 18 | NW | 21 | 12052 | -51.1 | 2 | W | 25 |
| MARZO | 5661 | -16.2 | 21 | W | 25 | 9301 | -43.5 | 20 | W | 32 | 11953 | -53.8 | 2 | W | 37 |
| ABRIL | 5603 | -18.7 | 29 | W | 28 | 9212 | -44.6 | 23 | W | 44 | 11837 | -56.5 | 10 | W | 49 |
| MAYO | 5572 | -21.1 | 34 | W | 36 | 9147 | -46.7 | 33 | W | 53 | 11755 | -57.9 | 14 | W | 59 |
| JUNIO | 5581 | -20.4 | 32 | W | 47 | 9167 | -46.2 | 25 | W | 68 | 11768 | -60.0 | 11 | W | 69 |
| JULIO | 5566 | -22.0 | 32 | W | 33 | 9124 | -47.9 | 16 | W | 43 | 11728 | -57.3 | 6 | W | 51 |
| AGOSTO | 5575 | -20.8 | 28 | W | 40 | 9148 | -47.5 | 15 | W | 59 | 11749 | -57.3 | 6 | W | 63 |
| SEPTIEMBRE | 5554 | -21.9 | 25 | W | 28 | 9118 | -46.3 | 21 | W | 49 | 11740 | -55.5 | 4 | W | 61 |
| OCTUBRE | 5590 | -20.0 | 20 | W | 31 | 9186 | -46.1 | 15 | W | 43 | 11811 | -54.5 | 3 | W | 44 |
| NOVIEMBRE | 5614 | -18.3 | 15 | W | 30 | 9231 | -44.2 | 12 | W | 37 | 11875 | -55.0 | 3 | W | 42 |
| DICIEMBRE | 5640 | -16.9 | 18 | W | 32 | 9278 | -42.5 | 13 | W | 49 | 11928 | -54.7 | 4 | W | 60 |
| ANUAL | 5611 | -18.9 | 24 | W | 31 | 9218 | -44.9 | 18 | W | 45 | 11846 | -55.6 | 5 | W | 51 |

AÑO : 1990

NOMBRE ESTACION : PUERTO MONTT EL TEPUAL

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | |
|--------------------|---|--------------|----------|----------|-----------|--------------|--------------|----------|----------|-----------|
| | 150 hPa | | | | | 100 hPa | | | | |
| | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 13836 | -56.3 | 1 | W | 55 | 16371 | -61.8 | 1 | W | 43 |
| FEBRERO | 13910 | -54.7 | 1 | W | 22 | 16455 | -62.4 | 1 | W | 15 |
| MARZO | 13775 | -56.0 | 1 | W | 35 | 16328 | -59.3 | 1 | W | 29 |
| ABRIL | 13668 | -55.6 | 2 | W | 46 | 16231 | -59.0 | 1 | W | 36 |
| MAYO | 13572 | -56.6 | 6 | W | 51 | 16132 | -58.6 | 3 | W | 45 |
| JUNIO | 13565 | -59.2 | 5 | W | 57 | 16096 | -61.3 | 2 | W | 49 |
| JULIO | 13556 | -55.8 | 3 | W | 50 | 16111 | -59.8 | 1 | W | 49 |
| AGOSTO | 13580 | -56.1 | 2 | W | 55 | 16126 | -59.7 | . | W | 50 |
| SEPTIEMBRE | 13574 | -55.6 | 2 | W | 53 | 16143 | -58.5 | . | W | 47 |
| OCTUBRE | 13632 | -54.4 | 1 | W | 41 | 16213 | -58.4 | . | W | 42 |
| NOVIEMBRE | 13713 | -55.8 | 1 | W | 50 | 16265 | -58.4 | . | W | 42 |
| DICIEMBRE | 13758 | -56.8 | 1 | W | 57 | 16302 | -61.3 | . | W | 44 |
| ANUAL | 13676 | -56.1 | 2 | W | 47 | 16229 | -59.9 | . | W | 41 |

AÑO : 1990

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | | | | | | |
|------------------------|---|------------|-----------|----------|-----------|-------------|-------------|-----------|----------|-----------|-------------|-------------|-----------|----------|-----------|
| | SUPERFICIE | | | | | 850 hPa | | | | | 700 hPa | | | | |
| | PP | T | HR | DD | FF | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 995 | 8.7 | 84 | W | 17 | 1313 | 0.6 | 68 | W | 29 | 2858 | -8.5 | 52 | W | 30 |
| FEBRERO | 1003 | 9.4 | 85 | W | 9 | 1402 | 4.5 | 52 | W | 25 | 2961 | -3.4 | 46 | W | 29 |
| MARZO | 997 | 7.2 | 88 | W | 14 | 1336 | 0.8 | 72 | W | 22 | 2875 | -6.6 | 30 | W | 27 |
| ABRIL | 997 | 4.2 | 91 | W | 15 | 1318 | -2.9 | 73 | SW | 25 | 2811 | -10.9 | 49 | SW | 28 |
| MAYO | 997 | 4.4 | 93 | NW | 5 | 1319 | -1.7 | 73 | W | 11 | 2840 | -10.3 | 57 | W | 14 |
| JUNIO | 991 | 1.7 | 93 | W | 9 | 1263 | -4.0 | 67 | W | 24 | 2771 | -12.7 | 49 | W | 27 |
| JULIO | 996 | 1.9 | 93 | NW | 7 | 1315 | -2.6 | 58 | W | 24 | 2829 | -12.0 | 39 | W | 27 |
| AGOSTO | 995 | 1.8 | 91 | W | 14 | 1295 | -4.4 | 61 | W | 29 | 2804 | -12.3 | 33 | W | 30 |
| SEPTIEMBRE | 1002 | 3.3 | 92 | W | 6 | 1358 | -2.5 | 56 | W | 14 | 2874 | -10.5 | 26 | W | 22 |
| OCTUBRE | 992 | 4.9 | 88 | W | 14 | 1294 | -2.0 | 63 | W | 19 | 2823 | -10.4 | 45 | W | 36 |
| NOVIEMBRE | 988 | 6.0 | 82 | W | 22 | 1247 | -2.7 | 70 | W | 38 | 2774 | -10.6 | 46 | W | 46 |
| DICIEMBRE | 996 | 8.2 | 84 | W | 12 | 1326 | -1.0 | 75 | W | 23 | 2856 | -8.3 | 46 | W | 28 |
| ANUAL | 995 | 5.1 | 88 | W | 12 | 1314 | -1.5 | 65 | W | 23 | 2839 | -0.7 | 43 | W | 28 |

AÑO : 1990

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | | | | | | |
|--------------------|---|-------|----|----|----|---------|-------|----|----|----|---------|-------|----|----|----|
| | 500 hPa | | | | | 300 hPa | | | | | 200 hPa | | | | |
| | HH | T | HR | DD | FF | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 5385 | -25.0 | 37 | W | 32 | 8913 | -48.0 | 20 | W | 43 | 11567 | -48.6 | 2 | W | 39 |
| FEBRERO | 5551 | -18.2 | 39 | W | 38 | 9169 | -43.9 | 29 | W | 48 | 11816 | -53.1 | 4 | W | 46 |
| MARZO | 5421 | -23.2 | 30 | W | 29 | 8974 | -46.8 | 21 | W | 41 | 11602 | -52.0 | 2 | W | 39 |
| ABRIL | 5344 | -28.7 | 36 | SW | 31 | 8822 | -50.4 | 22 | SW | 44 | 11446 | -51.7 | 3 | SW | 45 |
| MAYO | 5356 | -26.4 | 40 | W | 18 | 8851 | -52.2 | 26 | W | 33 | 11416 | -58.4 | 7 | W | 32 |
| JUNIO | 5264 | -28.8 | 30 | W | 33 | 8730 | -53.0 | 18 | W | 47 | 11341 | -58.0 | 3 | W | 54 |
| JULIO | 5322 | -28.5 | 30 | W | 35 | 8796 | -52.8 | 18 | W | 51 | 11395 | -59.2 | 4 | W | 53 |
| AGOSTO | 5295 | -28.6 | 32 | W | 36 | 8764 | -53.0 | 13 | W | 53 | 11366 | -59.8 | 4 | W | 57 |
| SEPTIEMBRE | 5372 | -27.7 | 27 | W | 24 | 8852 | -53.3 | 17 | W | 31 | 11443 | -60.8 | 5 | W | 40 |
| OCTUBRE | 5304 | -27.3 | 41 | W | 44 | 8798 | -51.4 | 19 | W | 60 | 11385 | -55.8 | 5 | W | 62 |
| NOVIEMBRE | 5272 | -26.5 | 32 | W | 48 | 8778 | -49.2 | 11 | W | 67 | 11432 | -54.6 | 3 | W | 64 |
| DICIEMBRE | 5391 | -23.8 | 35 | W | 33 | 8929 | -48.3 | 19 | W | 48 | 11539 | -55.0 | 3 | W | 51 |
| ANUAL | 5355 | -26.1 | 34 | W | 32 | 8862 | -50.2 | 19 | W | 47 | 11476 | -55.6 | 3 | W | 48 |

AÑO : 1990

NOMBRE ESTACION : PUNTA ARENAS CARLOS IBAÑEZ

| 8:00 HORA LOCAL | MEDIA DE DATOS A NIVELES DE PRESION CONSTANTE | | | | | | | | | |
|--------------------|---|--------------|----------|----------|-----------|--------------|--------------|----------|----------|-----------|
| | 150 hPa | | | | | 100 hPa | | | | |
| | HH | T | HR | DD | FF | HH | T | HR | DD | FF |
| ENERO | 13464 | -48.4 | 1 | W | 34 | 16122 | -49.2 | 1 | W | 44 |
| FEBRERO | 13670 | -53.3 | 1 | W | 39 | 16272 | -54.8 | 1 | W | 26 |
| MARZO | 13484 | -51.7 | 1 | W | 36 | 16085 | -52.1 | . | W | 26 |
| ABRIL | 13314 | -51.8 | 1 | SW | 42 | 15921 | -54.5 | 1 | W | 38 |
| MAYO | 13236 | -56.3 | 4 | W | 35 | 15808 | -57.4 | 2 | W | 36 |
| JUNIO | 13123 | -56.5 | 2 | W | 53 | 15677 | -59.6 | 1 | W | 55 |
| JULIO | 13157 | -56.9 | 2 | W | 57 | 15689 | -61.4 | 1 | W | 66 |
| AGOSTO | 13129 | -58.7 | 2 | W | 65 | 15794 | -59.8 | . | W | 74 |
| SEPTIEMBRE | 13192 | -59.9 | 2 | W | 50 | 15716 | -62.0 | 1 | W | 63 |
| OCTUBRE | 13205 | -55.3 | 2 | W | 65 | 15806 | -54.9 | 1 | W | 69 |
| NOVIEMBRE | 13227 | -54.6 | 1 | W | 66 | 15809 | -56.5 | 1 | W | 69 |
| DICIEMBRE | 13381 | -54.6 | 1 | W | 48 | 15973 | -55.4 | . | W | 43 |
| ANUAL | 13296 | -54.8 | 1 | W | 49 | 15887 | -56.5 | . | W | 51 |

AÑO : 1990

ABREVIATURAS Y SIMBOLOGIA USADAS EN LAS TABLAS

- = Sin información o dato faltante.
- = No se produjo el fenómeno.
- R** = El fenómeno se reitera en más de una oportunidad.
- VRB** = Dirección del viento variable.
- V** = Rapidez del viento en nudos (Kt).
- N°** = Número de casos en que ocurre el fenómeno.
- PP** = Presión media a nivel de superficie en hectopascales (hPa).
- T** = Temperatura media del aire seco en grados celsius (°C).
- HR** = Humedad relativa media en porcentaje (%).
- DD** = Dirección media del viento en grados sexagesimales (0 a 360°).
- FF** = Rapidez media del viento en nudos (Kt).
- HH** = Altura geopotencial media en metros geopotenciales (mpg).
- ≥ = Mayor o igual al valor asignado.
- ≤ = Menor o igual al valor asignado.

DEFINICION DE FORMULAS

1.- TEMPERATURA MEDIA (°C).

$$T = T_{08} + T_{20} + T_x + T_n / 4$$

- T₀₈** = Temperatura media del aire seco a las 08:00 horas local (12 UTC).
- T₂₀** = Temperatura media del aire seco a las 20:00 horas local (00 UTC).
- T_x** = Temperatura máxima media.
- T_n** = Temperatura mínima media.

2.- PRESION BAROMETRICA MEDIA (hPa).

$$PP = P_{08} + P_{14} + P_{20} / 3$$

- P₀₈** = Presión media a las 08:00 horas local (12 UTC).
- P₁₄** = Presión media a las 14:00 horas local (18 UTC).
- P₂₀** = Presión media a las 20:00 horas local (00 UTC).