



## Datos de la Estación

|               |                       |
|---------------|-----------------------|
| ESTACIÓN:     | <b>26139</b>          |
| NOMBRE:       | HERMOSILLO II (DGE)   |
| ESTADO:       | SONORA                |
| MUNICIPIO:    | HERMOSILLO            |
| LATITUD (°):  | 29.0989               |
| LONGITUD (°): | -110.9542             |
| ALTURA (msn): | 221                   |
| SITUACIÓN:    | OPERANDO              |
| DATOS DESDE:  | 1 de enero de 1961    |
| HASTA:        | 28 de febrero de 2018 |

## Inventario de Registros por Década Año

|            |       |        |          |          |          |             |
|------------|-------|--------|----------|----------|----------|-------------|
| Estacion   | 26139 |        |          |          |          |             |
| N°de Casos |       |        |          |          |          |             |
| Decada     | Año   | Lluvia | Temp min | Temp max | Temp amb | Evaporación |
| 1960       | 1961  | 90     | 90       | 90       |          | 90          |
|            | 1965  | 184    | 170      | 152      |          |             |
|            | 1966  | 364    | 365      | 365      |          | 114         |
|            | 1967  | 365    | 365      | 365      |          | 365         |
|            | 1968  | 366    | 366      | 366      |          | 366         |
|            | 1969  | 365    | 363      | 364      |          | 365         |
|            | 1970  | 365    | 365      | 365      |          | 364         |
| Total 1960 |       | 2,099  | 2,084    | 2,067    |          | 1,664       |
| 1970       | 1971  | 365    | 365      | 365      |          | 365         |
|            | 1972  | 366    | 366      | 366      |          | 366         |
|            | 1973  | 365    | 365      | 365      | 365      | 365         |
|            | 1974  | 365    | 365      | 365      | 365      | 365         |
|            | 1975  | 365    | 365      | 365      | 365      | 365         |
|            | 1976  | 366    | 366      | 366      | 366      | 366         |
|            | 1977  | 365    | 365      | 365      | 365      | 365         |
|            | 1978  | 365    | 365      | 365      | 365      | 365         |
|            | 1979  | 355    | 340      | 340      | 340      | 340         |
|            | 1980  | 366    | 366      | 366      | 366      | 366         |
| Total 1970 |       | 3,643  | 3,628    | 3,628    | 2,897    | 3,628       |
| 1980       | 1981  | 365    | 365      | 365      | 365      | 364         |
|            | 1982  | 365    | 365      | 365      | 365      | 361         |
|            | 1983  | 363    | 361      | 361      | 363      | 359         |
|            | 1984  | 366    | 366      | 366      | 366      | 362         |
|            | 1985  | 365    | 365      | 365      | 365      | 360         |
|            | 1986  | 365    | 365      | 365      | 365      | 362         |
|            | 1987  | 365    | 364      | 365      | 364      | 318         |
|            | 1988  | 366    | 366      | 366      | 366      | 358         |
|            | 1989  | 365    | 365      | 365      | 364      | 340         |
|            | 1990  | 365    | 365      | 365      | 365      | 340         |
| Total 1980 |       | 3,650  | 3,647    | 3,648    | 3,648    | 3,524       |
| 1990       | 1991  | 365    | 365      | 365      | 365      | 365         |
|            | 1992  | 366    | 366      | 366      | 366      | 346         |
|            | 1993  | 365    | 365      | 365      | 365      | 365         |
|            | 1994  | 363    | 365      | 365      | 365      | 342         |
|            | 1995  | 359    | 358      | 357      | 357      | 51          |
|            | 1996  | 366    | 366      | 366      | 366      |             |
|            | 1997  | 363    | 365      | 365      | 365      |             |
|            | 1998  | 352    | 351      | 351      | 351      |             |
|            | 1999  | 365    | 365      | 365      | 365      |             |
|            | 2000  | 366    | 366      | 366      | 366      |             |
| Total 1990 |       | 3,630  | 3,632    | 3,631    | 3,631    | 1,469       |
| 2000       | 2001  | 365    | 365      | 365      | 365      |             |
|            | 2002  | 365    | 365      | 365      | 365      |             |
|            | 2003  | 365    | 365      | 365      | 365      |             |
|            | 2004  | 366    | 366      | 366      | 366      |             |
|            | 2005  | 365    | 365      | 365      | 365      |             |
|            | 2006  | 365    | 365      | 365      | 365      |             |
|            | 2007  | 365    | 365      | 365      | 365      |             |
|            | 2008  | 366    | 366      | 366      | 366      |             |
|            | 2009  | 365    | 365      | 365      | 365      |             |
|            | 2010  | 365    | 365      | 365      | 364      |             |



## Datos de la Estación

|            |                     |
|------------|---------------------|
| ESTACIÓN:  | <b>26139</b>        |
| NOMBRE:    | HERMOSILLO II (DGE) |
| ESTADO:    | SONORA              |
| MUNICIPIO: | HERMOSILLO          |

## Inventario de Registros por Década Año

|                      |       |               |               |               |               |               |
|----------------------|-------|---------------|---------------|---------------|---------------|---------------|
| Estacion             | 26139 |               |               |               |               |               |
|                      |       | N°de Casos    |               |               |               |               |
| Decada               | Año   | Lluvia        | Temp min      | Temp max      | Temp amb      | Evaporación   |
| <b>Total 2000</b>    |       | <b>3,652</b>  | <b>3,652</b>  | <b>3,652</b>  | <b>3,651</b>  |               |
| <b>2010</b>          | 2011  | 365           | 365           | 365           | 365           |               |
|                      | 2012  | 366           | 366           | 366           | 366           |               |
|                      | 2013  | 365           | 365           | 365           | 365           |               |
|                      | 2014  | 365           | 365           | 365           | 364           |               |
|                      | 2015  | 365           | 365           | 365           | 365           |               |
|                      | 2016  | 366           | 365           | 365           | 273           |               |
|                      | 2017  | 365           | 304           | 304           |               |               |
|                      | 2018  | 60            |               |               |               |               |
| <b>Total 2010</b>    |       | <b>2,617</b>  | <b>2,495</b>  | <b>2,495</b>  | <b>2,098</b>  |               |
| <b>Total general</b> |       | <b>19,291</b> | <b>19,138</b> | <b>19,121</b> | <b>15,925</b> | <b>10,285</b> |

|          |                     |
|----------|---------------------|
| Estacion | 26139               |
| NOMBRE   | HERMOSILLO II (DGE) |
| ESTADO   | SONORA              |

|               |      | Lluvia (mm) |       |       |       |      |
|---------------|------|-------------|-------|-------|-------|------|
| Década        | Año  | Mín.        | Prom. | Máx.  | Desv. | Est. |
| 1960          | 1961 | 0.0         | 1.0   | 53.5  | 6.0   |      |
|               | 1965 | 0.0         | 1.4   | 46.8  | 5.8   |      |
|               | 1966 | 0.0         | 0.9   | 72.0  | 5.3   |      |
|               | 1967 | 0.0         | 0.7   | 24.5  | 2.9   |      |
|               | 1968 | 0.0         | 0.8   | 75.5  | 5.0   |      |
|               | 1969 | 0.0         | 0.9   | 42.3  | 4.3   |      |
|               | 1970 | 0.0         | 0.8   | 31.9  | 3.9   |      |
| Total 1960    |      | 0.0         | 0.9   | 75.5  | 4.6   |      |
| 1970          | 1971 | 0.0         | 1.1   | 86.7  | 6.0   |      |
|               | 1972 | 0.0         | 0.5   | 20.9  | 2.5   |      |
|               | 1973 | 0.0         | 0.6   | 38.0  | 3.4   |      |
|               | 1974 | 0.0         | 0.8   | 64.0  | 5.2   |      |
|               | 1975 | 0.0         | 0.7   | 53.0  | 4.2   |      |
|               | 1976 | 0.0         | 0.8   | 50.5  | 4.4   |      |
|               | 1977 | 0.0         | 0.8   | 42.0  | 4.0   |      |
|               | 1978 | 0.0         | 0.9   | 38.5  | 3.5   |      |
|               | 1979 | 0.0         | 0.8   | 61.0  | 4.6   |      |
|               | 1980 | 0.0         | 0.7   | 67.6  | 4.7   |      |
| Total 1970    |      | 0.0         | 0.8   | 86.7  | 4.3   |      |
| 1980          | 1981 | 0.0         | 0.8   | 48.8  | 4.5   |      |
|               | 1982 | 0.0         | 0.6   | 64.6  | 4.0   |      |
|               | 1983 | 0.0         | 1.6   | 48.5  | 6.4   |      |
|               | 1984 | 0.0         | 1.4   | 62.9  | 6.6   |      |
|               | 1985 | 0.0         | 1.0   | 72.0  | 5.6   |      |
|               | 1986 | 0.0         | 1.2   | 62.5  | 6.5   |      |
|               | 1987 | 0.0         | 0.6   | 40.8  | 3.4   |      |
|               | 1988 | 0.0         | 1.3   | 119.5 | 7.8   |      |
|               | 1989 | 0.0         | 0.8   | 75.5  | 5.5   |      |
|               | 1990 | 0.0         | 1.6   | 112.5 | 7.9   |      |
| Total 1980    |      | 0.0         | 1.1   | 119.5 | 6.0   |      |
| 1990          | 1991 | 0.0         | 0.9   | 39.5  | 4.2   |      |
|               | 1992 | 0.0         | 1.6   | 142.0 | 8.7   |      |
|               | 1993 | 0.0         | 1.4   | 58.3  | 6.3   |      |
|               | 1994 | 0.0         | 1.4   | 152.6 | 9.4   |      |
|               | 1995 | 0.0         | 0.9   | 61.1  | 4.9   |      |
|               | 1996 | 0.0         | 0.8   | 40.0  | 4.7   |      |
|               | 1997 | 0.0         | 1.1   | 58.0  | 5.6   |      |
|               | 1998 | 0.0         | 0.8   | 44.0  | 4.1   |      |
|               | 1999 | 0.0         | 0.9   | 79.2  | 5.5   |      |
|               | 2000 | 0.0         | 1.5   | 125.5 | 8.3   |      |
| Total 1990    |      | 0.0         | 1.1   | 152.6 | 6.5   |      |
| 2000          | 2001 | 0.0         | 0.8   | 78.0  | 4.9   |      |
|               | 2002 | 0.0         | 1.2   | 104.0 | 7.2   |      |
|               | 2003 | 0.0         | 1.1   | 45.0  | 4.9   |      |
|               | 2004 | 0.0         | 0.8   | 29.8  | 3.4   |      |
|               | 2005 | 0.0         | 0.8   | 39.0  | 3.8   |      |
|               | 2006 | 0.0         | 1.6   | 73.0  | 7.7   |      |
|               | 2007 | 0.0         | 1.0   | 54.5  | 5.0   |      |
|               | 2008 | 0.0         | 1.1   | 72.0  | 5.2   |      |
|               | 2009 | 0.0         | 0.5   | 21.0  | 2.4   |      |
|               | 2010 | 0.0         | 0.7   | 56.0  | 4.2   |      |
| Total 2000    |      | 0.0         | 1.0   | 104.0 | 5.1   |      |
| 2010          | 2011 | 0.0         | 0.8   | 68.0  | 5.2   |      |
|               | 2012 | 0.0         | 0.7   | 80.0  | 5.0   |      |
|               | 2013 | 0.0         | 1.0   | 53.4  | 5.4   |      |
|               | 2014 | 0.0         | 1.2   | 117.0 | 7.6   |      |
|               | 2015 | 0.0         | 1.7   | 88.0  | 7.8   |      |
|               | 2016 | 0.0         | 0.8   | 62.5  | 4.5   |      |
|               | 2017 | 0.0         | 1.2   | 53.5  | 5.6   |      |
| Total 2010    |      | 0.0         | 1.0   | 117.0 | 5.9   |      |
| Total general |      | 0.0         | 1.0   | 152.6 | 5.5   |      |

|          |                     |
|----------|---------------------|
| Estacion | 26139               |
| NOMBRE   | HERMOSILLO II (DGE) |
| ESTADO   | SONORA              |

|               |      | Evap (mm) |       |      |       |      |
|---------------|------|-----------|-------|------|-------|------|
| Década        | Año  | Mín.      | Prom. | Máx. | Desv. | Est. |
| 1960          | 1961 | 0.8       | 4.5   | 8.4  | 1.8   |      |
|               | 1965 |           |       |      |       |      |
|               | 1966 | 1.7       | 4.9   | 9.8  | 1.7   |      |
|               | 1967 | 0.1       | 6.3   | 17.8 | 2.6   |      |
|               | 1968 | 0.2       | 6.2   | 12.3 | 2.3   |      |
|               | 1969 | 0.7       | 5.6   | 13.9 | 2.6   |      |
|               | 1970 | 0.9       | 8.2   | 17.2 | 3.4   |      |
| Total 1960    |      | 0.1       | 6.3   | 17.8 | 2.9   |      |
| 1970          | 1971 | 0.8       | 5.9   | 12.1 | 2.6   |      |
|               | 1972 | 0.5       | 7.0   | 15.3 | 3.3   |      |
|               | 1973 | 0.6       | 7.4   | 17.7 | 3.3   |      |
|               | 1974 | 0.6       | 7.2   | 16.4 | 3.5   |      |
|               | 1975 | 0.4       | 6.7   | 17.6 | 3.1   |      |
|               | 1976 | 0.3       | 7.4   | 18.0 | 3.3   |      |
|               | 1977 | 0.3       | 7.7   | 16.3 | 3.3   |      |
|               | 1978 | 0.1       | 7.5   | 16.8 | 3.7   |      |
|               | 1979 | 0.1       | 7.9   | 17.4 | 3.8   |      |
|               | 1980 | 0.4       | 7.3   | 17.0 | 3.3   |      |
| Total 1970    |      | 0.1       | 7.2   | 18.0 | 3.4   |      |
| 1980          | 1981 | 0.3       | 6.9   | 14.6 | 3.0   |      |
|               | 1982 | 0.1       | 7.1   | 16.5 | 3.1   |      |
|               | 1983 | 0.4       | 6.6   | 16.7 | 3.4   |      |
|               | 1984 | 0.4       | 6.5   | 13.9 | 3.0   |      |
|               | 1985 | 0.1       | 6.4   | 14.5 | 3.1   |      |
|               | 1986 | 0.3       | 7.0   | 16.3 | 3.2   |      |
|               | 1987 | 2.3       | 8.7   | 16.4 | 3.3   |      |
|               | 1988 | 1.4       | 8.2   | 17.3 | 3.4   |      |
|               | 1989 | 0.6       | 8.4   | 16.4 | 3.5   |      |
|               | 1990 | 0.4       | 8.1   | 17.5 | 3.7   |      |
| Total 1980    |      | 0.1       | 7.4   | 17.5 | 3.4   |      |
| 1990          | 1991 | 0.7       | 7.8   | 16.6 | 3.6   |      |
|               | 1992 | 0.3       | 7.4   | 14.1 | 3.4   |      |
|               | 1993 | 0.1       | 7.7   | 18.0 | 3.6   |      |
|               | 1994 | 0.2       | 7.9   | 18.0 | 3.6   |      |
|               | 1995 | 1.0       | 5.3   | 8.7  | 2.2   |      |
|               | 1996 |           |       |      |       |      |
|               | 1997 |           |       |      |       |      |
|               | 1998 |           |       |      |       |      |
|               | 1999 |           |       |      |       |      |
|               | 2000 |           |       |      |       |      |
| Total 1990    |      | 0.1       | 7.6   | 18.0 | 3.5   |      |
| 2000          | 2001 |           |       |      |       |      |
|               | 2002 |           |       |      |       |      |
|               | 2003 |           |       |      |       |      |
|               | 2004 |           |       |      |       |      |
|               | 2005 |           |       |      |       |      |
|               | 2006 |           |       |      |       |      |
|               | 2007 |           |       |      |       |      |
|               | 2008 |           |       |      |       |      |
|               | 2009 |           |       |      |       |      |
|               | 2010 |           |       |      |       |      |
| Total 2000    |      |           |       |      |       |      |
| 2010          | 2011 |           |       |      |       |      |
|               | 2012 |           |       |      |       |      |
|               | 2013 |           |       |      |       |      |
|               | 2014 |           |       |      |       |      |
|               | 2015 |           |       |      |       |      |
|               | 2016 |           |       |      |       |      |
|               | 2017 |           |       |      |       |      |
| Total 2010    |      |           |       |      |       |      |
| Total general |      | 0.1       | 7.2   | 18.0 | 3.3   |      |

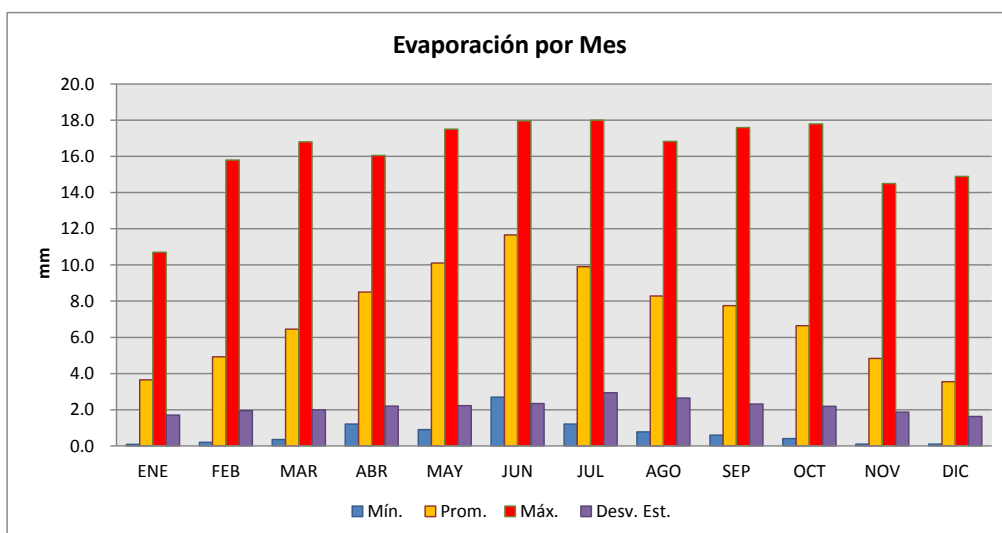
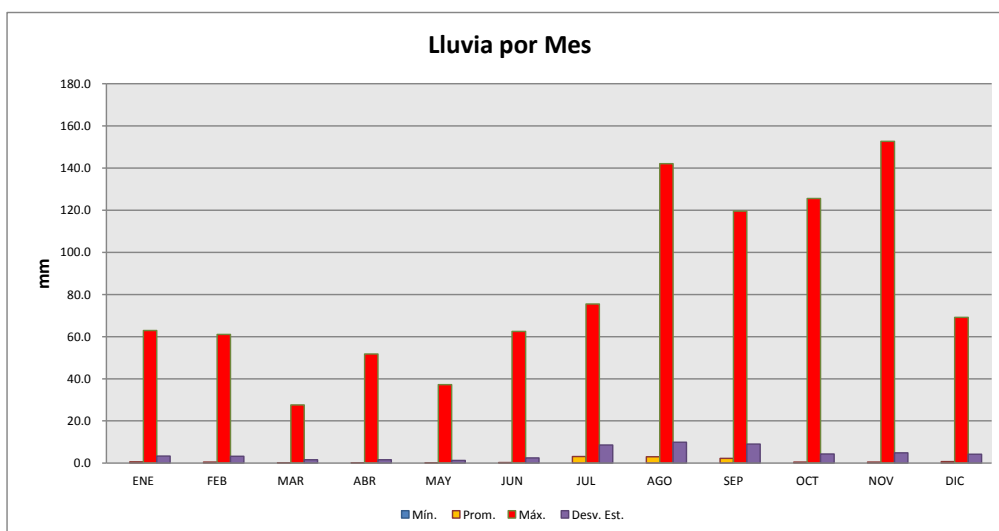


|          |                     |
|----------|---------------------|
| Estación | 26139               |
| NOMBRE   | HERMOSILLO II (DGE) |
| ESTADO   | SONORA              |

|          |                     |
|----------|---------------------|
| Estación | 26139               |
| NOMBRE   | HERMOSILLO II (DGE) |
| ESTADO   | SONORA              |

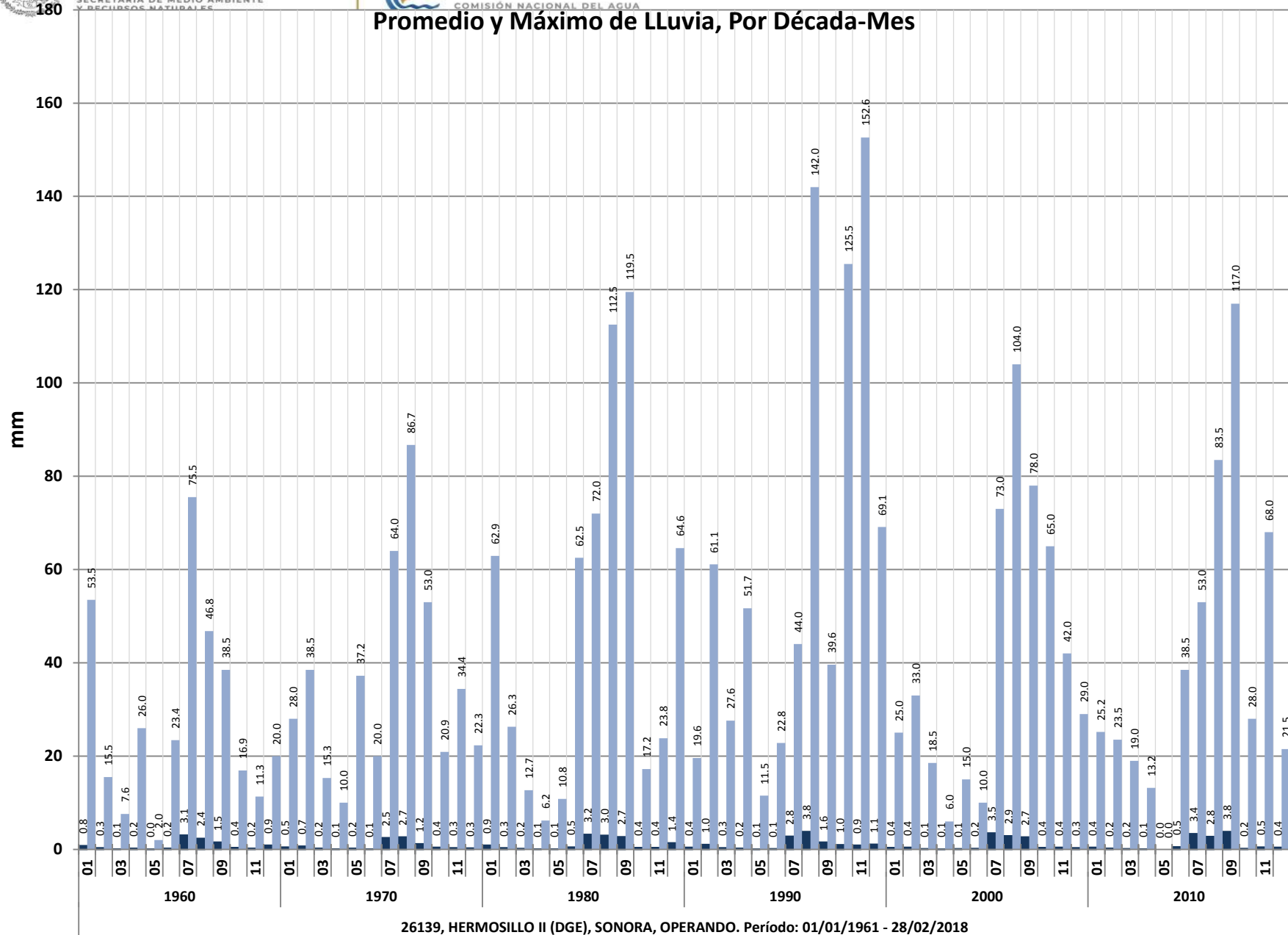
| Lluvia (mm)          |      |            |            |              |            |
|----------------------|------|------------|------------|--------------|------------|
| Mes                  | Mín. | Prom.      | Máx.       | Desv. Est.   |            |
| ENE                  |      | 0.0        | 0.6        | 62.9         | 3.3        |
| FEB                  |      | 0.0        | 0.5        | 61.1         | 3.2        |
| MAR                  |      | 0.0        | 0.2        | 27.6         | 1.6        |
| ABR                  |      | 0.0        | 0.1        | 51.7         | 1.6        |
| MAY                  |      | 0.0        | 0.1        | 37.2         | 1.3        |
| JUN                  |      | 0.0        | 0.3        | 62.5         | 2.5        |
| JUL                  |      | 0.0        | 3.1        | 75.5         | 8.6        |
| AGO                  |      | 0.0        | 3.0        | 142.0        | 9.9        |
| SEP                  |      | 0.0        | 2.2        | 119.5        | 9.0        |
| OCT                  |      | 0.0        | 0.5        | 125.5        | 4.3        |
| NOV                  |      | 0.0        | 0.5        | 152.6        | 4.9        |
| DIC                  |      | 0.0        | 0.7        | 69.1         | 4.2        |
| <b>Total general</b> |      | <b>0.0</b> | <b>1.0</b> | <b>152.6</b> | <b>5.5</b> |

| Evap (mm)            |      |            |            |             |            |
|----------------------|------|------------|------------|-------------|------------|
| Mes                  | Mín. | Prom.      | Máx.       | Desv. Est.  |            |
| ENE                  |      | 0.1        | 3.6        | 10.7        | 1.7        |
| FEB                  |      | 0.2        | 4.9        | 15.8        | 1.9        |
| MAR                  |      | 0.3        | 6.5        | 16.8        | 2.0        |
| ABR                  |      | 1.2        | 8.5        | 16.0        | 2.2        |
| MAY                  |      | 0.9        | 10.1       | 17.5        | 2.2        |
| JUN                  |      | 2.7        | 11.7       | 18.0        | 2.3        |
| JUL                  |      | 1.2        | 9.9        | 18.0        | 2.9        |
| AGO                  |      | 0.8        | 8.3        | 16.8        | 2.6        |
| SEP                  |      | 0.6        | 7.8        | 17.6        | 2.3        |
| OCT                  |      | 0.4        | 6.6        | 17.8        | 2.2        |
| NOV                  |      | 0.1        | 4.8        | 14.5        | 1.9        |
| DIC                  |      | 0.1        | 3.6        | 14.9        | 1.6        |
| <b>Total general</b> |      | <b>0.1</b> | <b>7.2</b> | <b>18.0</b> | <b>3.3</b> |



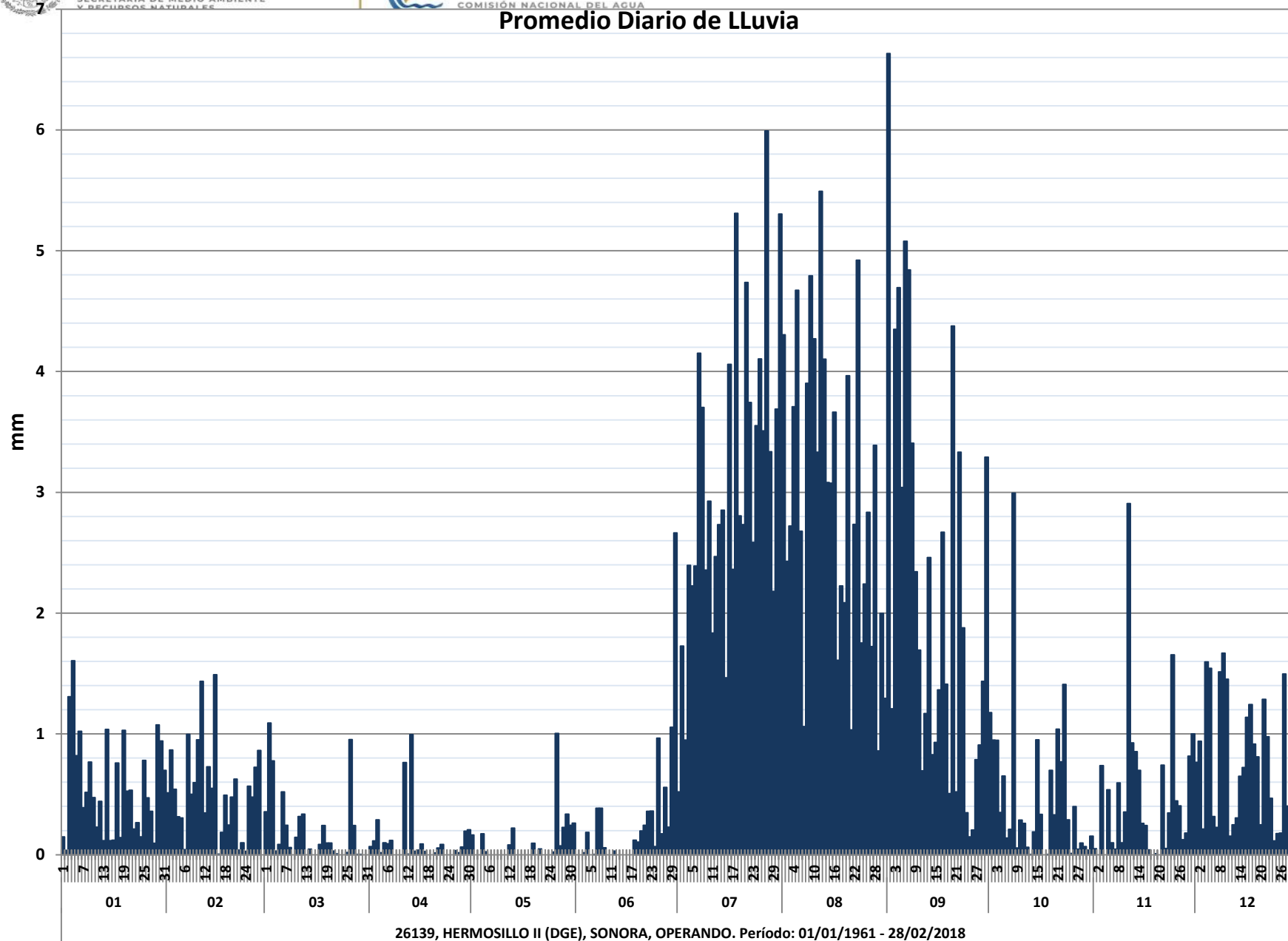


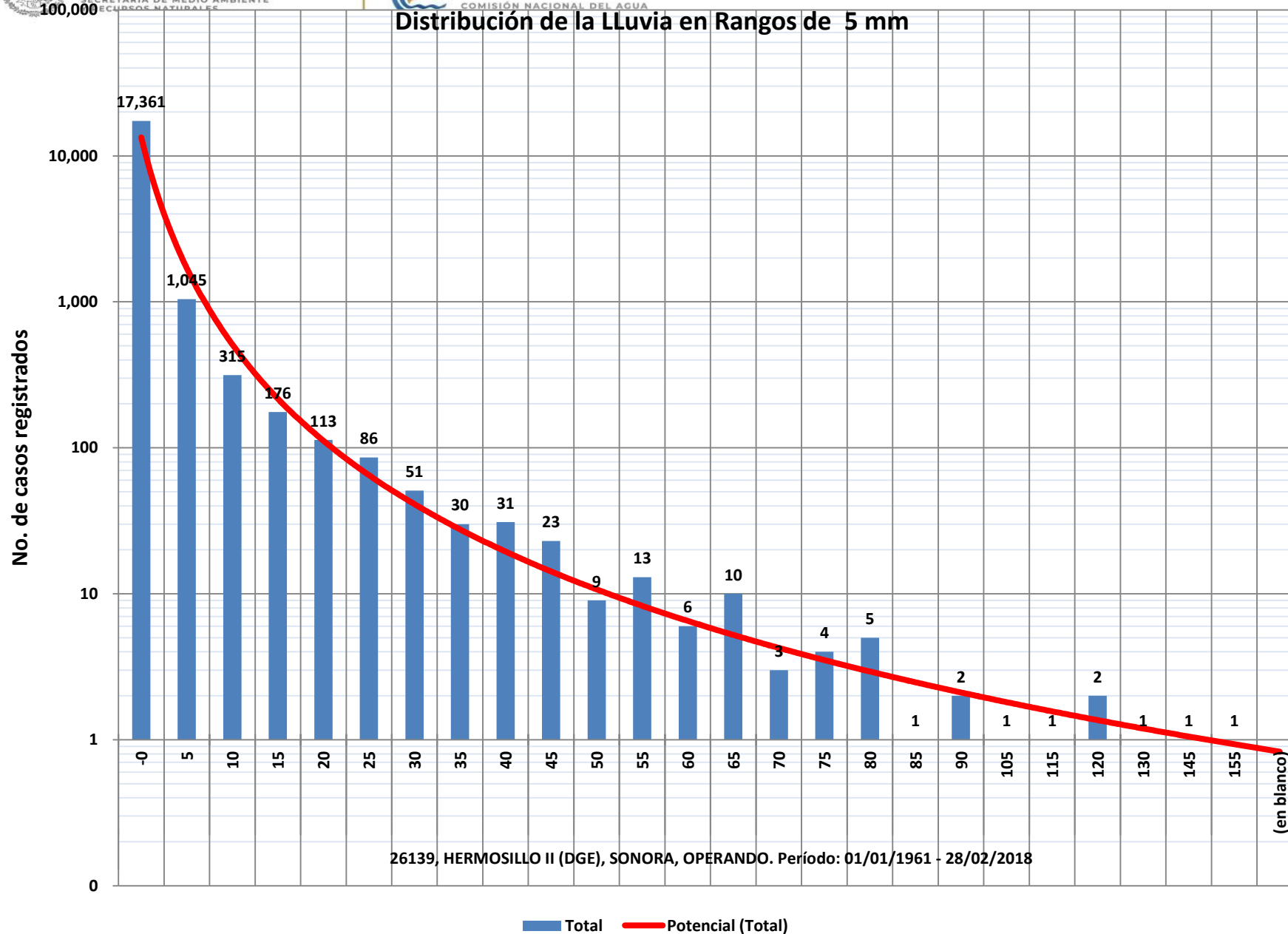
**Promedio y Máximo de Lluvia, Por Década-Mes**





**Promedio Diario de Lluvia**





Estacion 26139  
 NOMBRE HERMOSILLO II (DGE)  
 ESTADO SONORA

|                      |                   | Temp Min (°C) |             |             |            |
|----------------------|-------------------|---------------|-------------|-------------|------------|
| Década               | Año               | Mín.          | Prom.       | Máx.        | Desv. Est. |
| 1960                 | 1961              | 3.0           | 8.4         | 15.0        | 2.5        |
|                      | 1965              | 5.0           | 18.8        | 29.0        | 6.1        |
|                      | 1966              | 0.0           | 16.5        | 31.0        | 7.1        |
|                      | 1967              | 2.5           | 16.4        | 30.5        | 6.9        |
|                      | 1968              | 2.5           | 16.5        | 29.0        | 6.4        |
|                      | 1969              | 3.0           | 16.2        | 31.0        | 6.9        |
|                      | 1970              | 2.0           | 16.2        | 31.0        | 7.0        |
|                      | <b>Total 1960</b> | <b>0.0</b>    | <b>16.2</b> | <b>31.0</b> | <b>6.9</b> |
| 1970                 | 1971              | -3.0          | 15.1        | 29.0        | 7.6        |
|                      | 1972              | 1.1           | 16.6        | 30.0        | 7.1        |
|                      | 1973              | 1.5           | 16.4        | 29.5        | 7.2        |
|                      | 1974              | 1.0           | 16.4        | 29.0        | 7.2        |
|                      | 1975              | 3.5           | 15.3        | 27.5        | 6.7        |
|                      | 1976              | 3.0           | 16.7        | 28.5        | 6.4        |
|                      | 1977              | 3.5           | 17.3        | 29.5        | 6.6        |
|                      | 1978              | 1.0           | 17.5        | 30.0        | 7.0        |
|                      | 1979              | 3.0           | 16.3        | 30.0        | 7.0        |
|                      | 1980              | 4.0           | 17.5        | 29.5        | 6.6        |
| 1980                 | <b>Total 1970</b> | <b>-3.0</b>   | <b>16.5</b> | <b>30.0</b> | <b>7.0</b> |
|                      | 1981              | 5.0           | 18.3        | 31.0        | 6.3        |
|                      | 1982              | 4.0           | 17.2        | 29.5        | 6.5        |
|                      | 1983              | 4.5           | 17.5        | 30.0        | 6.3        |
|                      | 1984              | 5.0           | 17.5        | 29.5        | 6.6        |
|                      | 1985              | 1.0           | 17.4        | 29.5        | 6.7        |
|                      | 1986              | 5.0           | 18.2        | 28.5        | 6.1        |
|                      | 1987              | 0.0           | 17.1        | 30.0        | 7.1        |
|                      | 1988              | 1.5           | 17.4        | 29.0        | 6.8        |
|                      | 1989              | 2.0           | 17.5        | 29.5        | 6.6        |
| 1990                 | 1990              | 2.5           | 17.0        | 29.5        | 6.6        |
|                      | <b>Total 1980</b> | <b>0.0</b>    | <b>17.5</b> | <b>31.0</b> | <b>6.6</b> |
|                      | 1991              | 3.0           | 16.8        | 28.0        | 6.4        |
|                      | 1992              | 4.0           | 17.4        | 28.5        | 6.2        |
|                      | 1993              | 7.5           | 18.4        | 30.0        | 5.9        |
|                      | 1994              | 6.0           | 18.0        | 29.5        | 6.7        |
|                      | 1995              | 6.0           | 17.7        | 29.5        | 6.2        |
|                      | 1996              | 4.0           | 17.6        | 30.0        | 6.7        |
|                      | 1997              | 2.0           | 17.8        | 29.0        | 6.9        |
|                      | 1998              | 4.0           | 17.2        | 30.5        | 6.8        |
| 2000                 | 1999              | 4.0           | 17.7        | 28.0        | 6.3        |
|                      | 2000              | 6.0           | 18.3        | 30.5        | 6.2        |
|                      | <b>Total 1990</b> | <b>2.0</b>    | <b>17.7</b> | <b>30.5</b> | <b>6.5</b> |
|                      | 2001              | 3.5           | 18.4        | 29.5        | 6.8        |
|                      | 2002              | 3.0           | 18.2        | 29.0        | 6.0        |
|                      | 2003              | 5.0           | 18.3        | 28.5        | 5.8        |
|                      | 2004              | 5.0           | 18.1        | 29.0        | 6.6        |
|                      | 2005              | 6.5           | 18.6        | 29.5        | 6.2        |
|                      | 2006              | 4.5           | 18.4        | 29.5        | 6.3        |
|                      | 2007              | 1.5           | 18.3        | 29.5        | 6.9        |
| 2010                 | 2008              | 4.0           | 18.3        | 29.5        | 6.4        |
|                      | 2009              | 6.0           | 19.0        | 31.0        | 6.4        |
|                      | 2010              | 7.0           | 18.3        | 30.0        | 6.6        |
|                      | <b>Total 2000</b> | <b>1.5</b>    | <b>18.4</b> | <b>31.0</b> | <b>6.4</b> |
|                      | 2011              | 0.0           | 18.1        | 31.0        | 7.0        |
|                      | 2012              | 7.0           | 18.6        | 30.0        | 6.1        |
|                      | 2013              | 0.0           | 18.3        | 30.0        | 6.7        |
|                      | 2014              | 1.0           | 19.5        | 31.0        | 6.1        |
|                      | 2015              | 3.0           | 18.8        | 29.5        | 6.0        |
|                      | 2016              | 4.5           | 18.7        | 30.0        | 6.2        |
| 2010                 | 2017              | 5.0           | 20.0        | 29.0        | 5.8        |
|                      | 2018              | 0.0           | 18.8        | 31.0        | 6.3        |
| <b>Total 2010</b>    |                   | <b>0.0</b>    | <b>18.8</b> | <b>31.0</b> | <b>6.3</b> |
| <b>Total general</b> |                   | <b>-3.0</b>   | <b>17.6</b> | <b>31.0</b> | <b>6.6</b> |

Estacion 26139  
 NOMBRE HERMOSILLO II (DGE)  
 ESTADO SONORA

|                      |                   | Temp Max (°C) |             |             |            |
|----------------------|-------------------|---------------|-------------|-------------|------------|
| Década               | Año               | Mín.          | Prom.       | Máx.        | Desv. Est. |
| 1960                 | 1961              | 17.0          | 26.2        | 33.0        | 3.3        |
|                      | 1965              | 12.5          | 33.1        | 44.0        | 7.1        |
|                      | 1966              | 10.5          | 32.1        | 44.0        | 7.2        |
|                      | 1967              | 10.5          | 32.0        | 42.0        | 6.7        |
|                      | 1968              | 13.5          | 32.4        | 46.0        | 6.6        |
|                      | 1969              | 10.5          | 33.0        | 46.0        | 7.3        |
|                      | 1970              | 17.5          | 33.7        | 46.0        | 6.5        |
|                      | <b>Total 1960</b> | <b>10.5</b>   | <b>32.4</b> | <b>46.0</b> | <b>6.9</b> |
| 1970                 | 1971              | 12.0          | 32.0        | 44.0        | 7.0        |
|                      | 1972              | 17.0          | 32.8        | 44.5        | 6.3        |
|                      | 1973              | 12.5          | 31.3        | 44.5        | 7.4        |
|                      | 1974              | 10.0          | 31.1        | 43.5        | 6.9        |
|                      | 1975              | 13.5          | 30.9        | 42.0        | 6.6        |
|                      | 1976              | 15.0          | 30.8        | 43.0        | 6.2        |
|                      | 1977              | 13.0          | 31.3        | 42.0        | 6.2        |
|                      | 1978              | 10.5          | 30.3        | 43.0        | 7.4        |
|                      | 1979              | 12.0          | 30.1        | 43.5        | 7.3        |
|                      | 1980              | 16.0          | 31.6        | 45.0        | 6.4        |
| 1980                 | <b>Total 1970</b> | <b>10.0</b>   | <b>31.2</b> | <b>45.0</b> | <b>6.8</b> |
|                      | 1981              | 17.0          | 32.6        | 45.0        | 6.4        |
|                      | 1982              | 14.5          | 32.4        | 45.0        | 6.9        |
|                      | 1983              | 12.0          | 31.7        | 45.0        | 6.9        |
|                      | 1984              | 15.0          | 31.9        | 44.0        | 6.4        |
|                      | 1985              | 13.0          | 32.4        | 45.5        | 7.1        |
|                      | 1986              | 16.5          | 32.9        | 44.5        | 5.9        |
|                      | 1987              | 10.5          | 32.1        | 45.5        | 7.4        |
|                      | 1988              | 15.0          | 32.0        | 44.5        | 6.7        |
|                      | 1989              | 15.5          | 32.4        | 44.5        | 7.0        |
| 1990                 | 1990              | 14.0          | 31.3        | 44.0        | 6.9        |
|                      | <b>Total 1980</b> | <b>10.5</b>   | <b>32.2</b> | <b>45.5</b> | <b>6.8</b> |
|                      | 1991              | 15.5          | 31.3        | 43.0        | 6.8        |
|                      | 1992              | 15.5          | 31.2        | 44.5        | 7.5        |
|                      | 1993              | 13.5          | 31.4        | 45.0        | 6.8        |
|                      | 1994              | 14.5          | 31.7        | 45.0        | 7.2        |
|                      | 1995              | 15.0          | 33.6        | 46.0        | 6.7        |
|                      | 1996              | 19.5          | 33.6        | 45.5        | 5.7        |
|                      | 1997              | 16.0          | 32.5        | 45.0        | 7.1        |
|                      | 1998              | 15.0          | 33.2        | 47.5        | 7.3        |
| 2000                 | 1999              | 17.5          | 34.3        | 46.0        | 6.2        |
|                      | 2000              | 18.0          | 32.5        | 44.0        | 6.4        |
|                      | <b>Total 1990</b> | <b>13.5</b>   | <b>32.5</b> | <b>47.5</b> | <b>6.9</b> |
|                      | 2001              | 15.0          | 32.0        | 44.0        | 7.3        |
|                      | 2002              | 14.0          | 32.6        | 44.0        | 6.9        |
|                      | 2003              | 18.0          | 32.5        | 44.0        | 6.3        |
|                      | 2004              | 12.0          | 32.1        | 44.0        | 7.1        |
|                      | 2005              | 18.0          | 33.0        | 45.0        | 6.7        |
|                      | 2006              | 17.0          | 32.8        | 44.0        | 6.1        |
|                      | 2007              | 16.0          | 32.1        | 44.5        | 6.9        |
| 2010                 | 2008              | 15.5          | 32.5        | 45.0        | 6.3        |
|                      | 2009              | 19.0          | 33.2        | 46.0        | 6.5        |
|                      | 2010              | 16.0          | 32.5        | 45.0        | 6.8        |
|                      | <b>Total 2000</b> | <b>12.0</b>   | <b>32.5</b> | <b>46.0</b> | <b>6.7</b> |
|                      | 2011              | 8.0           | 32.8        | 47.5        | 7.3        |
|                      | 2012              | 18.0          | 33.2        | 45.0        | 6.1        |
|                      | 2013              | 15.0          | 32.8        | 43.0        | 6.7        |
|                      | 2014              | 19.0          | 33.6        | 48.5        | 5.5        |
|                      | 2015              | 16.5          | 32.7        | 44.0        | 6.0        |
|                      | 2016              | 18.0          | 33.6        | 48.5        | 6.1        |
| 2010                 | 2017              | 18.0          | 34.7        | 44.0        | 5.8        |
|                      | 2018              | 8.0           | 33.3        | 48.5        | 6.3        |
| <b>Total 2010</b>    |                   | <b>8.0</b>    | <b>33.3</b> | <b>48.5</b> | <b>6.3</b> |
| <b>Total general</b> |                   | <b>8.0</b>    | <b>32.3</b> | <b>48.5</b> | <b>6.8</b> |





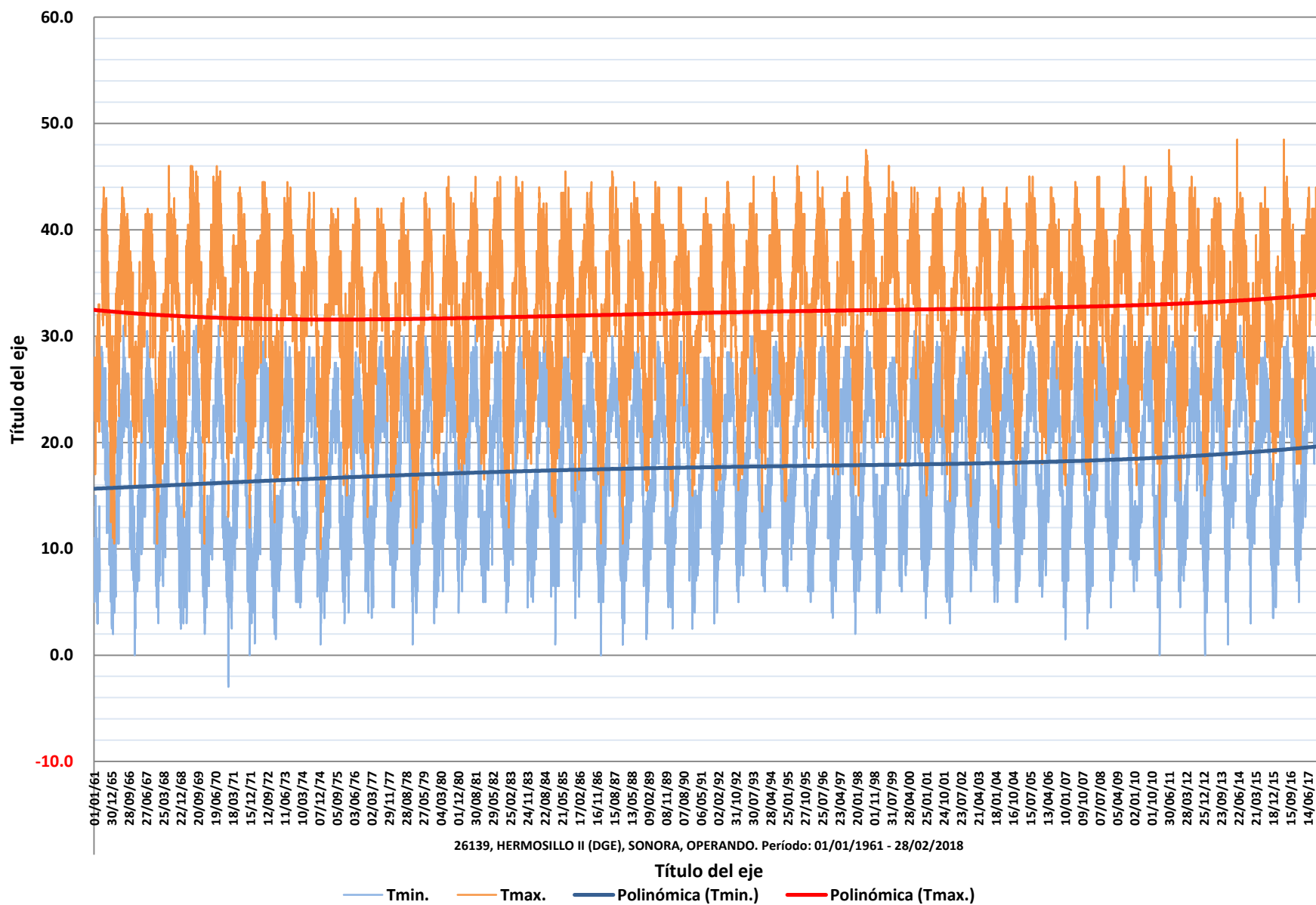
**SEMARNAT**  
SECRETARÍA DE MEDIO AMBIENTE  
Y RECURSOS NATURALES



**CONAGUA**  
COMISIÓN NACIONAL DEL AGUA

ESTACIONES CLIMATOLÓGICAS

## Registro Diario de Temperaturas Mínima y Máxima

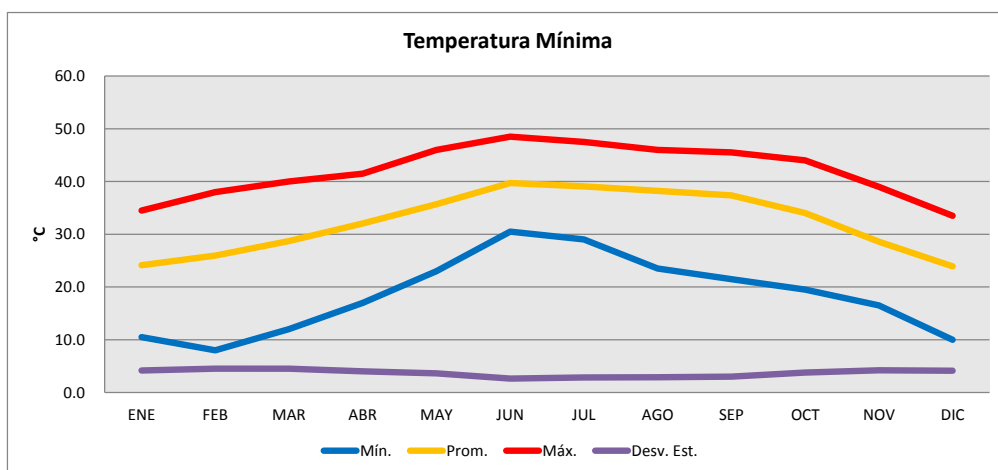
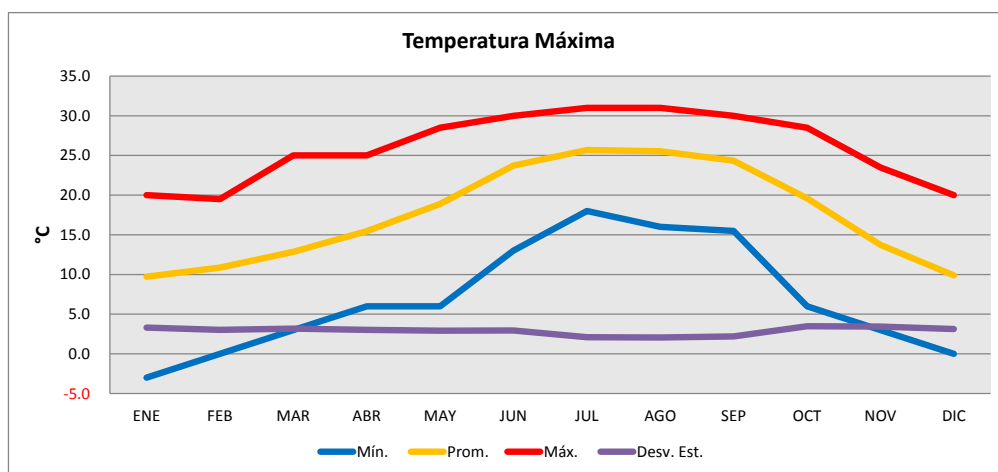


|          |                     |
|----------|---------------------|
| Estacion | 26139               |
| NOMBRE   | HERMOSILLO II (DGE) |
| ESTADO   | SONORA              |

| Temp Min (°C)        |             |             |             |            |
|----------------------|-------------|-------------|-------------|------------|
| Mes                  | Mín.        | Prom.       | Máx.        | Desv. Est. |
| ENE                  | -3.0        | 9.7         | 20.0        | 3.3        |
| FEB                  | 0.0         | 10.9        | 19.5        | 3.0        |
| MAR                  | 3.0         | 12.9        | 25.0        | 3.2        |
| ABR                  | 6.0         | 15.5        | 25.0        | 3.0        |
| MAY                  | 6.0         | 18.9        | 28.5        | 2.9        |
| JUN                  | 13.0        | 23.7        | 30.0        | 2.9        |
| JUL                  | 18.0        | 25.7        | 31.0        | 2.1        |
| AGO                  | 16.0        | 25.5        | 31.0        | 2.1        |
| SEP                  | 15.5        | 24.3        | 30.0        | 2.2        |
| OCT                  | 6.0         | 19.6        | 28.5        | 3.5        |
| NOV                  | 3.0         | 13.7        | 23.5        | 3.4        |
| DIC                  | 0.0         | 9.9         | 20.0        | 3.1        |
| <b>Total general</b> | <b>-3.0</b> | <b>17.6</b> | <b>31.0</b> | <b>6.6</b> |

|          |                     |
|----------|---------------------|
| Estacion | 26139               |
| NOMBRE   | HERMOSILLO II (DGE) |
| ESTADO   | SONORA              |

| Temp Max (°C)        |            |             |             |            |
|----------------------|------------|-------------|-------------|------------|
| Mes                  | Mín.       | Prom.       | Máx.        | Desv. Est. |
| ENE                  | 10.5       | 24.1        | 34.5        | 4.2        |
| FEB                  | 8.0        | 25.9        | 38.0        | 4.5        |
| MAR                  | 12.0       | 28.7        | 40.0        | 4.5        |
| ABR                  | 17.0       | 32.0        | 41.5        | 4.0        |
| MAY                  | 23.0       | 35.7        | 46.0        | 3.6        |
| JUN                  | 30.5       | 39.7        | 48.5        | 2.6        |
| JUL                  | 29.0       | 39.1        | 47.5        | 2.9        |
| AGO                  | 23.5       | 38.2        | 46.0        | 2.9        |
| SEP                  | 21.5       | 37.4        | 45.5        | 3.0        |
| OCT                  | 19.5       | 34.0        | 44.0        | 3.8        |
| NOV                  | 16.5       | 28.6        | 39.0        | 4.2        |
| DIC                  | 10.0       | 23.9        | 33.5        | 4.1        |
| <b>Total general</b> | <b>8.0</b> | <b>32.3</b> | <b>48.5</b> | <b>6.8</b> |



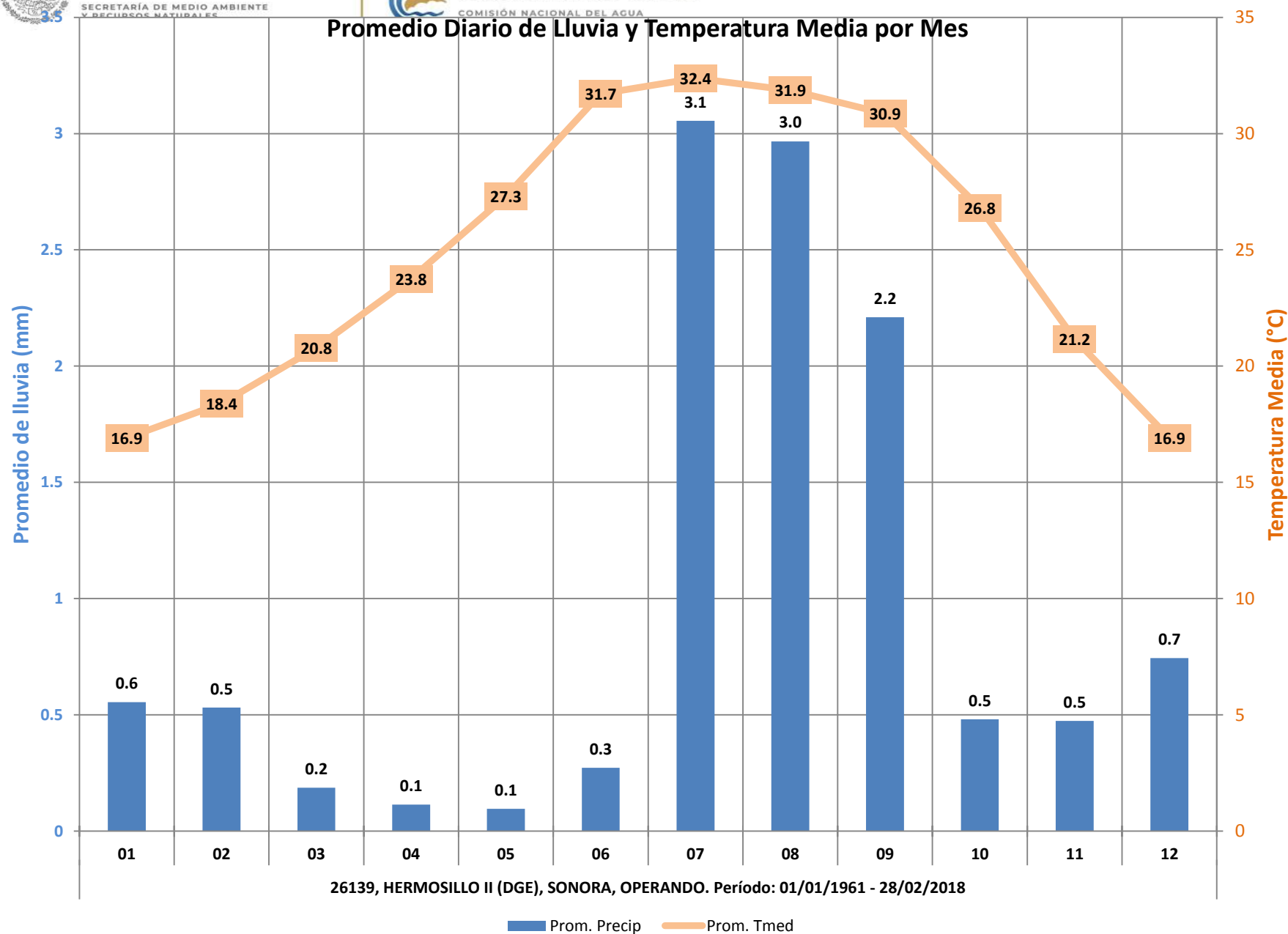


**SEMARNAT**  
SECRETARÍA DE MEDIO AMBIENTE  
Y RECURSOS NATURALES



**CONAGUA**  
COMISIÓN NACIONAL DEL AGUA

**ESTACIONES CLIMATOLÓGICAS**



|          |                     |
|----------|---------------------|
| Estación | 26139               |
| NOMBRE   | HERMOSILLO II (DGE) |
| ESTADO   | SONORA              |

|                   |                      | Estación Promedios |             |             |             |             |             |             |             |             |             |             |             |
|-------------------|----------------------|--------------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
|                   |                      | Primavera          |             |             | Verano      |             |             | Otoño       |             |             | Invierno    |             |             |
| Década            | Año                  | Lluvia (mm)        | T min (°C)  | T max (°C)  | Lluvia (mm) | T min (°C)  | T max (°C)  | Lluvia (mm) | T min (°C)  | T max (°C)  | Lluvia (mm) | T min (°C)  | T max (°C)  |
| 1960              | 1961                 | 0.0                | 9.1         | 28.4        |             |             |             |             |             |             |             |             |             |
|                   | 1965                 |                    |             |             | 2.3         | 24.6        | 38.2        | 0.5         | 15.5        | 31.8        | 1.2         | 8.3         | 25.9        |
|                   | 1966                 | 0.0                | 18.4        | 35.4        | 2.9         | 24.7        | 37.9        | 0.4         | 15.0        | 31.4        | 0.4         | 7.8         | 23.5        |
|                   | 1967                 | 0.0                | 15.6        | 33.2        | 1.4         | 25.1        | 38.6        | 1.3         | 15.8        | 29.9        | 0.0         | 9.0         | 25.9        |
|                   | 1968                 | 0.3                | 16.4        | 34.4        | 2.2         | 24.6        | 38.6        | 0.2         | 14.3        | 31.5        | 0.4         | 10.5        | 24.9        |
|                   | 1969                 | 0.0                | 15.0        | 37.3        | 2.6         | 25.4        | 39.2        | 0.5         | 15.0        | 30.9        | 0.7         | 9.3         | 24.5        |
|                   | 1970                 | 0.1                | 16.1        | 36.5        | 2.8         | 25.5        | 40.1        | 0.0         | 13.5        | 31.5        | 0.1         | 9.3         | 26.4        |
|                   | <b>Total 1960</b>    | <b>0.1</b>         | <b>16.1</b> | <b>35.2</b> | <b>2.4</b>  | <b>25.0</b> | <b>38.8</b> | <b>0.5</b>  | <b>14.8</b> | <b>31.2</b> | <b>0.5</b>  | <b>9.1</b>  | <b>25.1</b> |
| 1970              | 1971                 | 0.0                | 15.2        | 34.6        | 3.4         | 24.9        | 38.7        | 0.8         | 12.5        | 27.9        | 0.0         | 7.7         | 26.5        |
|                   | 1972                 | 0.6                | 17.0        | 35.1        | 1.0         | 25.0        | 39.0        | 0.4         | 14.5        | 29.3        | 0.1         | 9.6         | 27.9        |
|                   | 1973                 | 0.1                | 16.4        | 31.9        | 1.3         | 25.7        | 39.0        | 0.0         | 14.6        | 31.2        | 0.9         | 9.0         | 22.9        |
|                   | 1974                 | 0.0                | 17.0        | 33.9        | 2.3         | 25.2        | 37.8        | 0.6         | 14.7        | 28.6        | 0.4         | 8.6         | 23.9        |
|                   | 1975                 | 0.0                | 15.0        | 30.9        | 2.4         | 23.7        | 37.2        | 0.0         | 13.8        | 31.6        | 0.5         | 8.6         | 23.6        |
|                   | 1976                 | 0.0                | 17.3        | 32.6        | 2.1         | 24.2        | 36.8        | 0.5         | 15.4        | 28.2        | 0.4         | 9.9         | 25.4        |
|                   | 1977                 | 0.1                | 16.7        | 32.2        | 2.6         | 25.0        | 37.5        | 0.2         | 16.9        | 30.9        | 0.3         | 10.2        | 24.5        |
|                   | 1978                 | 0.0                | 17.9        | 32.9        | 0.9         | 25.7        | 37.3        | 0.9         | 15.8        | 27.8        | 1.8         | 10.6        | 22.9        |
|                   | 1979                 | 0.6                | 17.8        | 32.0        | 2.4         | 25.3        | 38.1        | 0.0         | 14.7        | 30.3        | 0.5         | 9.2         | 21.8        |
|                   | 1980                 | 0.0                | 16.5        | 32.1        | 2.2         | 25.7        | 38.0        | 0.2         | 16.3        | 30.4        | 0.3         | 11.4        | 25.8        |
| <b>Total 1970</b> | <b>0.1</b>           | <b>16.7</b>        | <b>32.8</b> | <b>2.1</b>  | <b>25.0</b> | <b>37.9</b> | <b>0.4</b>  | <b>14.9</b> | <b>29.6</b> | <b>0.5</b>  | <b>9.5</b>  | <b>24.5</b> |             |
| 1980              | 1981                 | 0.1                | 18.4        | 34.1        | 1.9         | 26.3        | 39.3        | 0.3         | 16.6        | 31.8        | 0.8         | 11.6        | 25.1        |
|                   | 1982                 | 0.0                | 17.6        | 34.3        | 0.8         | 25.2        | 39.5        | 1.4         | 15.4        | 30.1        | 0.3         | 10.4        | 25.3        |
|                   | 1983                 | 0.1                | 16.8        | 33.1        | 3.6         | 25.2        | 39.0        | 1.9         | 16.3        | 29.5        | 0.9         | 11.2        | 24.8        |
|                   | 1984                 | 0.0                | 18.9        | 35.1        | 3.3         | 25.1        | 37.6        | 0.8         | 15.2        | 28.9        | 1.5         | 10.7        | 26.2        |
|                   | 1985                 | 0.0                | 19.0        | 35.6        | 3.2         | 25.2        | 38.8        | 0.5         | 14.9        | 30.0        | 0.4         | 10.3        | 24.8        |
|                   | 1986                 | 0.1                | 19.9        | 36.2        | 3.1         | 25.4        | 38.4        | 1.3         | 15.5        | 29.1        | 0.3         | 11.9        | 27.9        |
|                   | 1987                 | 0.2                | 17.8        | 33.8        | 1.3         | 25.2        | 39.2        | 0.5         | 16.1        | 30.8        | 0.4         | 9.3         | 24.4        |
|                   | 1988                 | 0.0                | 18.1        | 34.5        | 4.3         | 25.7        | 38.4        | 0.6         | 16.1        | 30.3        | 0.2         | 9.7         | 24.9        |
|                   | 1989                 | 0.1                | 18.4        | 35.6        | 2.7         | 25.5        | 38.5        | 0.0         | 15.3        | 30.5        | 0.4         | 10.5        | 24.9        |
|                   | 1990                 | 0.2                | 18.3        | 34.5        | 4.5         | 24.5        | 36.7        | 1.2         | 15.9        | 30.2        | 0.4         | 9.2         | 23.6        |
| <b>Total 1980</b> | <b>0.1</b>           | <b>18.3</b>        | <b>34.7</b> | <b>2.9</b>  | <b>25.3</b> | <b>38.5</b> | <b>0.9</b>  | <b>15.7</b> | <b>30.1</b> | <b>0.6</b>  | <b>10.5</b> | <b>25.2</b> |             |
| 1990              | 1991                 | 0.0                | 15.9        | 32.9        | 1.5         | 24.7        | 37.8        | 1.1         | 16.2        | 30.2        | 1.0         | 10.4        | 23.9        |
|                   | 1992                 | 0.4                | 17.8        | 34.7        | 3.9         | 25.1        | 38.0        | 0.5         | 14.9        | 29.2        | 1.4         | 11.5        | 22.6        |
|                   | 1993                 | 0.6                | 18.6        | 34.7        | 3.2         | 25.6        | 37.7        | 0.6         | 17.0        | 29.2        | 1.1         | 12.4        | 23.9        |
|                   | 1994                 | 0.1                | 18.4        | 34.7        | 1.7         | 26.5        | 39.3        | 3.2         | 15.7        | 28.0        | 0.5         | 11.1        | 24.7        |
|                   | 1995                 | 0.0                | 16.2        | 34.6        | 2.3         | 25.7        | 40.2        | 0.3         | 16.8        | 33.3        | 1.1         | 11.4        | 25.4        |
|                   | 1996                 | 0.0                | 18.5        | 37.2        | 3.3         | 25.6        | 37.4        | 0.0         | 15.7        | 30.9        | 0.1         | 10.6        | 28.6        |
|                   | 1997                 | 0.3                | 18.6        | 33.9        | 3.1         | 25.7        | 39.5        | 0.6         | 16.1        | 30.8        | 0.3         | 10.5        | 25.4        |
|                   | 1998                 | 0.1                | 16.8        | 34.2        | 2.4         | 25.8        | 40.8        | 0.1         | 15.7        | 32.4        | 0.5         | 10.2        | 25.4        |
|                   | 1999                 | 0.0                | 16.8        | 35.7        | 3.0         | 25.3        | 39.6        | 0.5         | 17.6        | 33.1        | 0.0         | 10.7        | 28.6        |
|                   | 2000                 | 0.0                | 20.0        | 36.1        | 2.6         | 25.2        | 38.5        | 3.0         | 16.0        | 28.0        | 0.3         | 11.9        | 27.2        |
| <b>Total 1990</b> | <b>0.2</b>           | <b>17.8</b>        | <b>34.9</b> | <b>2.7</b>  | <b>25.5</b> | <b>38.9</b> | <b>1.0</b>  | <b>16.2</b> | <b>30.5</b> | <b>0.6</b>  | <b>11.1</b> | <b>25.6</b> |             |
| 2000              | 2001                 | 0.2                | 19.7        | 34.9        | 1.8         | 25.8        | 39.1        | 1.1         | 17.5        | 30.2        | 0.2         | 10.7        | 23.7        |
|                   | 2002                 | 0.0                | 19.2        | 35.6        | 2.9         | 25.5        | 39.2        | 1.3         | 16.4        | 30.1        | 0.4         | 11.4        | 25.2        |
|                   | 2003                 | 0.0                | 18.5        | 34.8        | 3.0         | 24.7        | 38.8        | 1.2         | 17.5        | 30.4        | 0.3         | 12.3        | 25.9        |
|                   | 2004                 | 0.1                | 19.8        | 35.7        | 1.8         | 25.8        | 38.8        | 0.8         | 15.8        | 28.7        | 0.6         | 10.8        | 25.1        |
|                   | 2005                 | 0.3                | 18.0        | 34.7        | 1.7         | 26.3        | 40.0        | 0.0         | 17.1        | 32.2        | 1.1         | 12.6        | 25.1        |
|                   | 2006                 | 0.0                | 19.7        | 35.8        | 5.4         | 25.0        | 37.8        | 0.7         | 17.4        | 31.1        | 0.1         | 11.2        | 26.5        |
|                   | 2007                 | 0.0                | 18.6        | 34.1        | 3.2         | 26.0        | 38.3        | 0.7         | 17.8        | 30.5        | 0.0         | 10.6        | 25.4        |
|                   | 2008                 | 0.0                | 19.3        | 34.8        | 4.0         | 25.4        | 37.5        | 0.5         | 18.2        | 32.0        | 0.0         | 10.5        | 25.5        |
|                   | 2009                 | 0.1                | 19.5        | 34.8        | 1.6         | 26.4        | 39.8        | 0.3         | 17.2        | 30.7        | 0.0         | 12.6        | 27.5        |
|                   | 2010                 | 0.0                | 18.4        | 34.2        | 2.0         | 26.7        | 40.0        | 0.2         | 16.8        | 31.2        | 0.7         | 11.2        | 24.5        |
| <b>Total 2000</b> | <b>0.1</b>           | <b>19.1</b>        | <b>34.9</b> | <b>2.7</b>  | <b>25.8</b> | <b>38.9</b> | <b>0.7</b>  | <b>17.2</b> | <b>30.7</b> | <b>0.3</b>  | <b>11.4</b> | <b>25.4</b> |             |
| 2010              | 2011                 | 0.0                | 18.6        | 35.0        | 2.1         | 26.3        | 39.6        | 0.9         | 16.8        | 30.0        | 0.0         | 10.7        | 26.3        |
|                   | 2012                 | 0.0                | 19.3        | 36.2        | 2.8         | 25.5        | 38.2        | 0.1         | 18.0        | 31.8        | 0.0         | 11.7        | 26.4        |
|                   | 2013                 | 0.0                | 19.7        | 35.6        | 3.5         | 26.1        | 39.3        | 0.1         | 16.7        | 30.8        | 0.3         | 10.7        | 25.5        |
|                   | 2014                 | 0.0                | 20.3        | 36.0        | 4.2         | 26.3        | 38.3        | 0.5         | 18.1        | 31.6        | 0.0         | 13.1        | 28.5        |
|                   | 2015                 | 0.1                | 19.8        | 34.4        | 5.2         | 25.3        | 38.5        | 0.4         | 16.5        | 30.9        | 0.9         | 13.4        | 27.0        |
|                   | 2016                 | 0.0                | 18.9        | 34.6        | 2.8         | 25.7        | 38.9        | 0.1         | 18.2        | 32.5        | 0.4         | 12.0        | 28.2        |
|                   | 2017                 | 0.0                | 19.0        | 35.2        | 3.6         | 25.8        | 38.6        | 0.3         | 22.7        | 37.5        | 0.7         | 12.9        | 28.1        |
|                   | 2018                 |                    |             |             |             |             |             |             |             |             | 0.0         |             |             |
|                   | <b>Total 2010</b>    | <b>0.0</b>         | <b>19.4</b> | <b>35.3</b> | <b>3.5</b>  | <b>25.8</b> | <b>38.8</b> | <b>0.4</b>  | <b>17.8</b> | <b>31.7</b> | <b>0.3</b>  | <b>12.0</b> | <b>27.1</b> |
|                   | <b>Total general</b> | <b>0.1</b>         | <b>18.0</b> | <b>34.5</b> | <b>2.7</b>  | <b>25.4</b> | <b>38.6</b> | <b>0.6</b>  | <b>16.1</b> | <b>30.5</b> | <b>0.5</b>  | <b>10.6</b> | <b>25.4</b> |



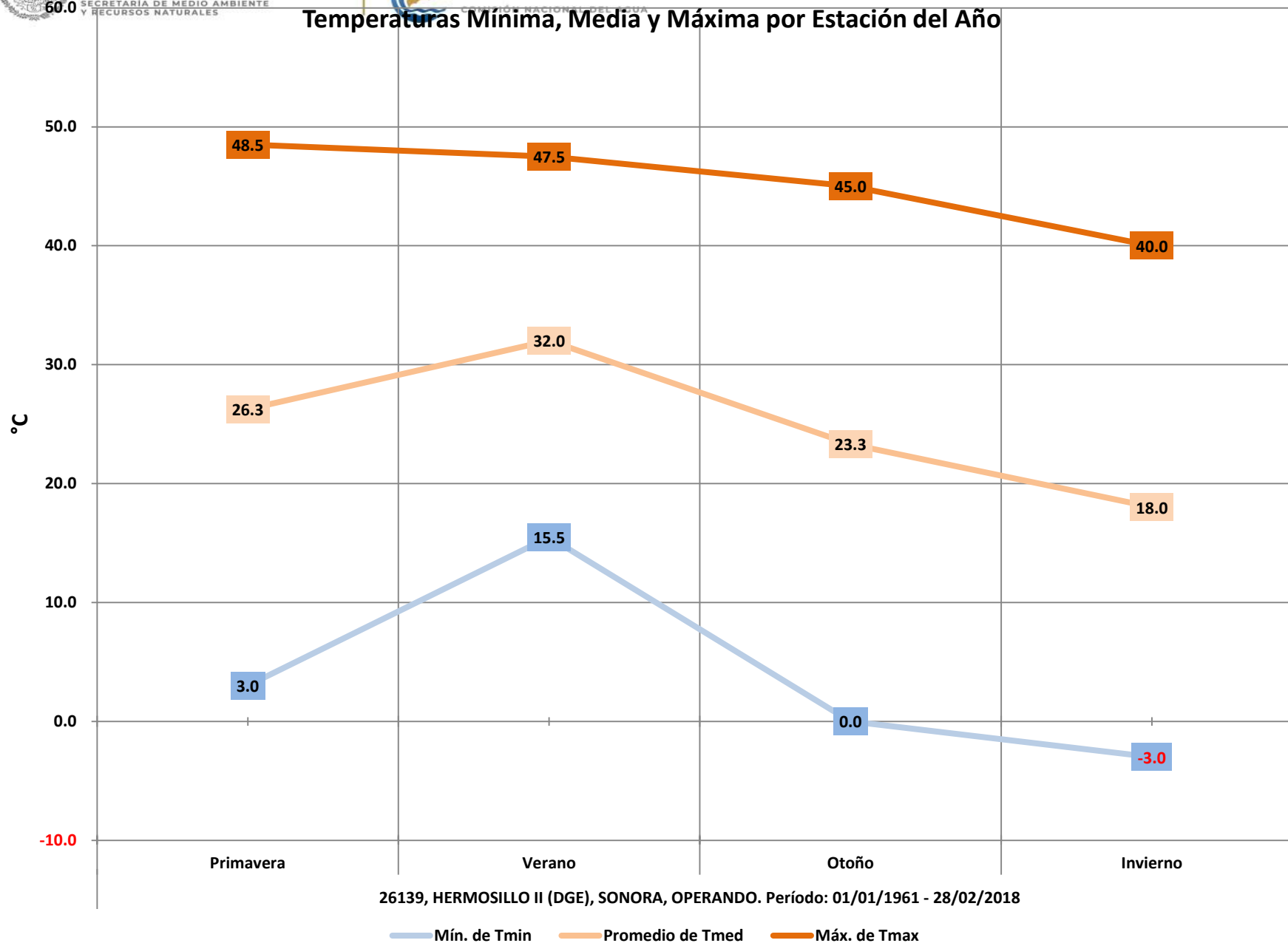
SEMARNAT

SECRETARÍA DE MEDIO AMBIENTE  
Y RECURSOS NATURALES

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## Temperaturas Mínima, Media y Máxima por Estación del Año





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### Lluvia Promedio y Máxima, por Estación del Año

