



Datos de la Estación

ESTACIÓN:	26022
NOMBRE:	COLONIA MORELOS
ESTADO:	SONORA
MUNICIPIO:	AGUA PRIETA
LATITUD (°):	30.8250
LONGITUD (°):	-109.2217
ALTURA (msn):	837
SITUACIÓN:	OPERANDO
DATOS DESDE:	1 de septiembre de 1964
HASTA:	31 de diciembre de 2011

Inventario de Registros por Década Año

Estacion	26022					
N° de Casos						
Decada	Año	Lluvia	Temp min	Temp max	Temp amb	Evaporación
1960	1964	122	122	122	122	122
	1965	365	365	365	365	364
	1966	365	365	365	365	365
	1967	365	365	365	365	365
	1968	365	366	366	366	366
	1969	365	361	365	361	365
	1970	365	365	365	365	365
Total 1960		2,312	2,309	2,313	2,309	2,312
1970	1971	365	365	365	365	365
	1972	366	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	365	365	365	365	365
	1980	366	366	366	366	366
	Total 1970		3,653	3,653	3,653	3,653
1980	1981	365	365	365	365	362
	1982	363	359	359	365	354
	1983	365	365	365	365	365
	1984	366	366	366	366	362
	1985	365	365	365	365	358
	1986	365	365	365	365	360
	1987	365	361	361	361	358
Total 1980		2,554	2,546	2,546	2,552	2,519
1990	1991	326	327	325		
	1992	366	366	366		
	1993	274	274	274	184	
	1994	334	334	334	334	
	1995	365	365	365	365	
	1996	366	366	366	366	
	1997	365	365	365	365	
	1998	365	365	365	365	
	1999	31	31	30	31	
	2000	292	290	291	287	
	Total 1990		3,084	3,083	3,081	2,297
2000	2001	273	271	271	271	
	2002	363	358	359	358	
	2003	356	344	345	345	
	2004	356	350	351	350	
	2005	365	361	360	358	
	2006	365	364	362	359	
	2007	359	353	353	352	
	2008	366	366	366	364	
	2009	365	364	365	364	
	2010	365	363	364	361	
	Total 2000		3,533	3,494	3,496	3,482
2010	2011	279	274	274	273	
Total 2010		279	274	274	273	
Total general		15,415	15,359	15,363	14,566	8,484

Estacion	26022
NOMBRE	COLONIA MORELOS
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		Lluvia (mm)				
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1960	1964	0.0	1.0	35.0	4.0	
	1965	0.0	0.6	19.0	2.4	
	1966	0.0	0.8	42.5	3.7	
	1967	0.0	1.5	45.5	5.7	
	1968	0.0	0.8	35.0	3.1	
	1969	0.0	0.8	40.0	3.6	
	1970	0.0	0.7	36.0	3.6	
Total 1960		0.0	0.9	45.5	3.8	
1970	1971	0.0	0.9	26.0	3.2	
	1972	0.0	0.7	33.0	3.1	
	1973	0.0	0.6	38.0	3.1	
	1974	0.0	0.7	34.0	3.4	
	1975	0.0	1.1	35.0	4.4	
	1976	0.0	0.9	26.0	3.3	
	1977	0.0	1.4	101.0	7.2	
	1978	0.0	0.9	30.0	3.4	
	1979	0.0	0.7	31.0	3.2	
	1980	0.0	0.7	53.0	3.8	
Total 1970		0.0	0.9	101.0	4.0	
1980	1981	0.0	1.0	51.0	4.4	
	1982	0.0	0.6	24.0	2.7	
	1983	0.0	1.1	44.0	4.7	
	1984	0.0	1.3	37.0	4.5	
	1985	0.0	1.6	72.0	7.3	
	1986	0.0	1.2	43.0	4.4	
	1987	0.0	0.8	31.0	3.2	
Total 1980		0.0	1.1	72.0	4.7	
1990	1991	0.0	1.0	25.0	3.4	
	1992	0.0	0.9	42.5	3.9	
	1993	0.0	1.4	56.0	5.2	
	1994	0.0	1.3	77.0	6.6	
	1995	0.0	0.9	40.0	4.2	
	1996	0.0	0.8	27.0	3.2	
	1997	0.0	1.0	28.5	3.6	
	1998	0.0	0.8	40.0	3.7	
	1999	0.0	0.0	0.0	0.0	
	2000	0.0	1.2	46.0	5.4	
Total 1990		0.0	1.0	77.0	4.4	
2000	2001	0.0	0.6	29.0	3.3	
	2002	0.0	0.8	68.0	5.3	
	2003	0.0	0.6	20.0	2.9	
	2004	0.0	1.2	48.0	5.3	
	2005	0.0	0.6	29.0	3.1	
	2006	0.0	0.7	35.0	3.3	
	2007	0.0	0.6	27.0	3.0	
	2008	0.0	1.0	50.0	5.1	
	2009	0.0	0.9	40.0	4.3	
	2010	0.0	0.7	24.0	3.2	
Total 2000		0.0	0.8	68.0	4.0	
2010	2011	0.0	0.9	25.0	3.9	
Total 2010		0.0	0.9	25.0	3.9	
Total general		0.0	0.9	101.0	4.2	

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NOMBRE	COLONIA MORELOS
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		Evap (mm)				
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1960	1964	0.4	4.5	9.5	2.0	
	1965	0.6	6.6	14.9	3.2	
	1966	0.6	6.7	15.4	3.3	
	1967	0.1	6.8	17.4	3.5	
	1968	0.1	6.5	16.5	3.5	
	1969	0.1	7.4	17.7	3.9	
	1970	0.5	7.3	16.3	3.6	
Total 1960		0.1	6.8	17.7	3.5	
1970	1971	0.3	6.8	17.0	3.6	
	1972	0.4	7.0	15.8	3.4	
	1973	1.0	6.9	15.0	3.4	
	1974	0.1	7.1	16.0	3.7	
	1975	0.2	6.7	16.3	3.4	
	1976	0.6	6.4	15.9	3.4	
	1977	0.2	6.9	16.7	3.5	
	1978	0.2	6.1	14.7	3.5	
	1979	0.7	6.7	16.5	3.6	
	1980	0.9	6.9	16.8	3.5	
Total 1970		0.1	6.7	17.0	3.5	
1980	1981	0.3	6.1	18.0	3.5	
	1982	0.3	6.8	17.2	3.6	
	1983	0.2	6.0	15.3	3.6	
	1984	0.1	6.0	15.8	3.3	
	1985	0.2	5.8	17.7	3.2	
	1986	0.1	6.1	14.1	3.0	
	1987	0.5	6.3	15.0	3.1	
Total 1980		0.1	6.1	18.0	3.3	
1990	1991					
	1992					
	1993					
	1994					
	1995					
	1996					
	1997					
	1998					
	1999					
	2000					
Total 1990						
2000	2001					
	2002					
	2003					
	2004					
	2005					
	2006					
	2007					
	2008					
	2009					
	2010					
Total 2000						
2010	2011					
Total 2010						
Total general		0.1	6.6	18.0	3.5	

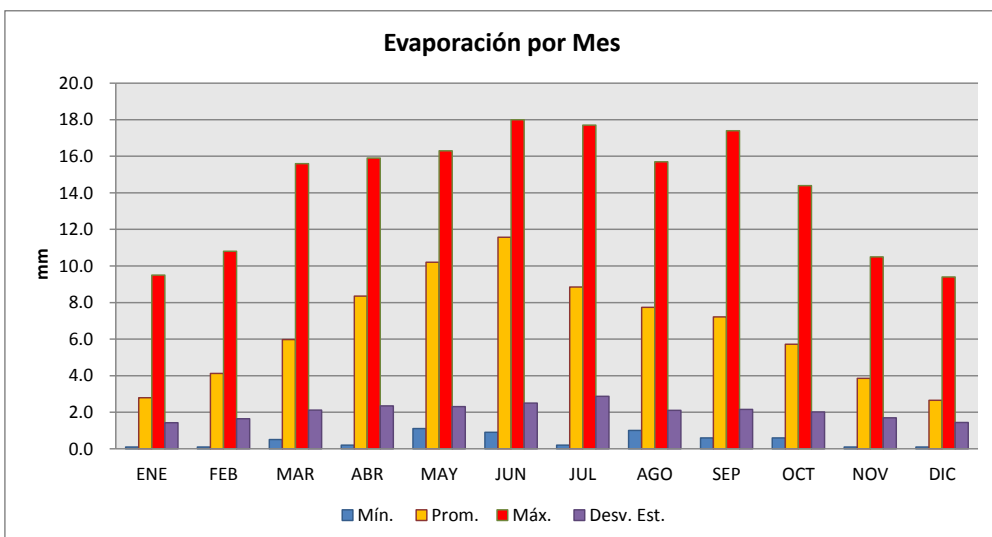
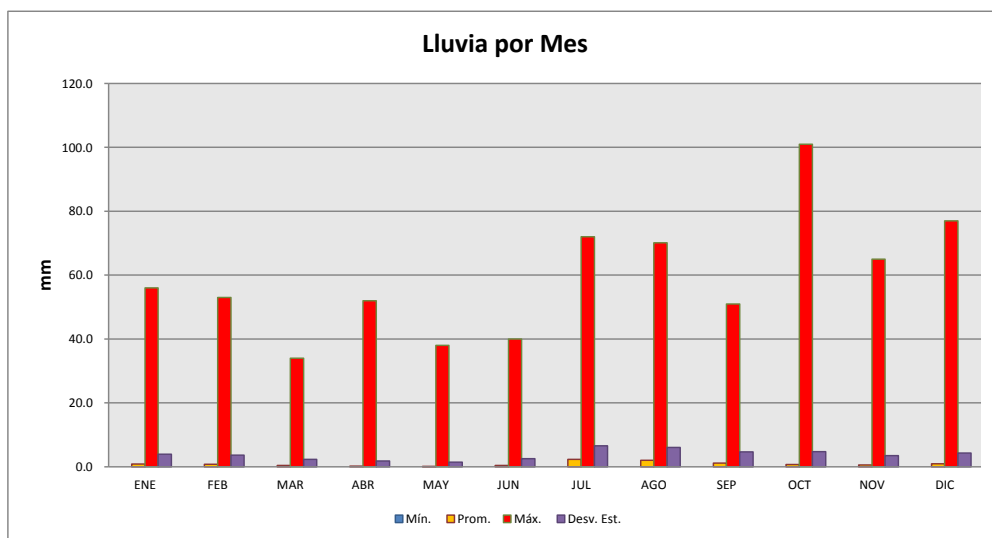


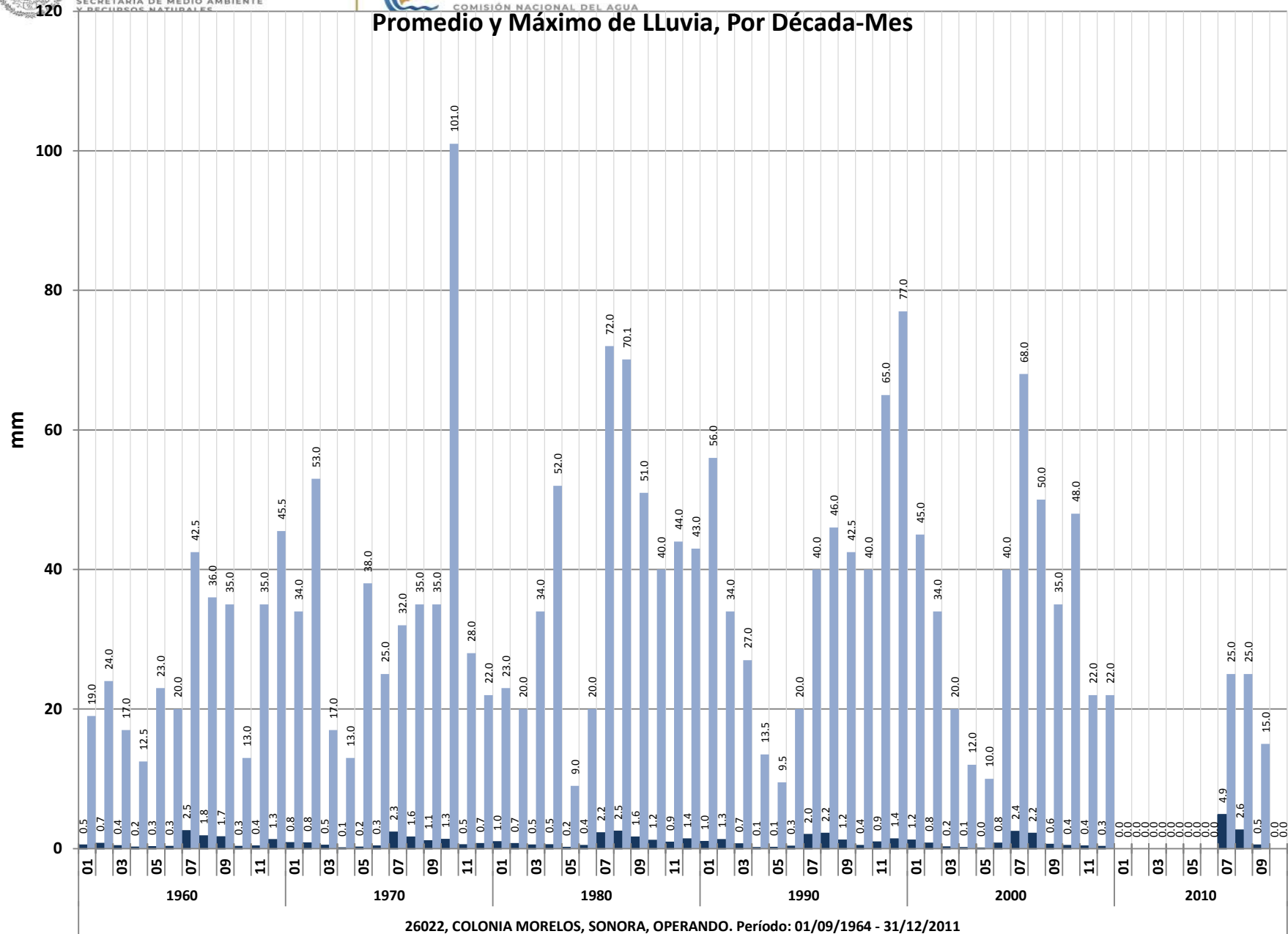
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NOMBRE	COLONIA MORELOS
ESTADO	SONORA

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NOMBRE	COLONIA MORELOS
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Lluvia (mm)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE	0.0	0.9	56.0	4.0	
FEB	0.0	0.8	53.0	3.7	
MAR	0.0	0.4	34.0	2.4	
ABR	0.0	0.2	52.0	1.8	
MAY	0.0	0.1	38.0	1.5	
JUN	0.0	0.4	40.0	2.5	
JUL	0.0	2.4	72.0	6.6	
AGO	0.0	2.1	70.1	6.1	
SEP	0.0	1.2	51.0	4.7	
OCT	0.0	0.7	101.0	4.8	
NOV	0.0	0.6	65.0	3.5	
DIC	0.0	0.9	77.0	4.3	
Total general	0.0	0.9	101.0	4.2	

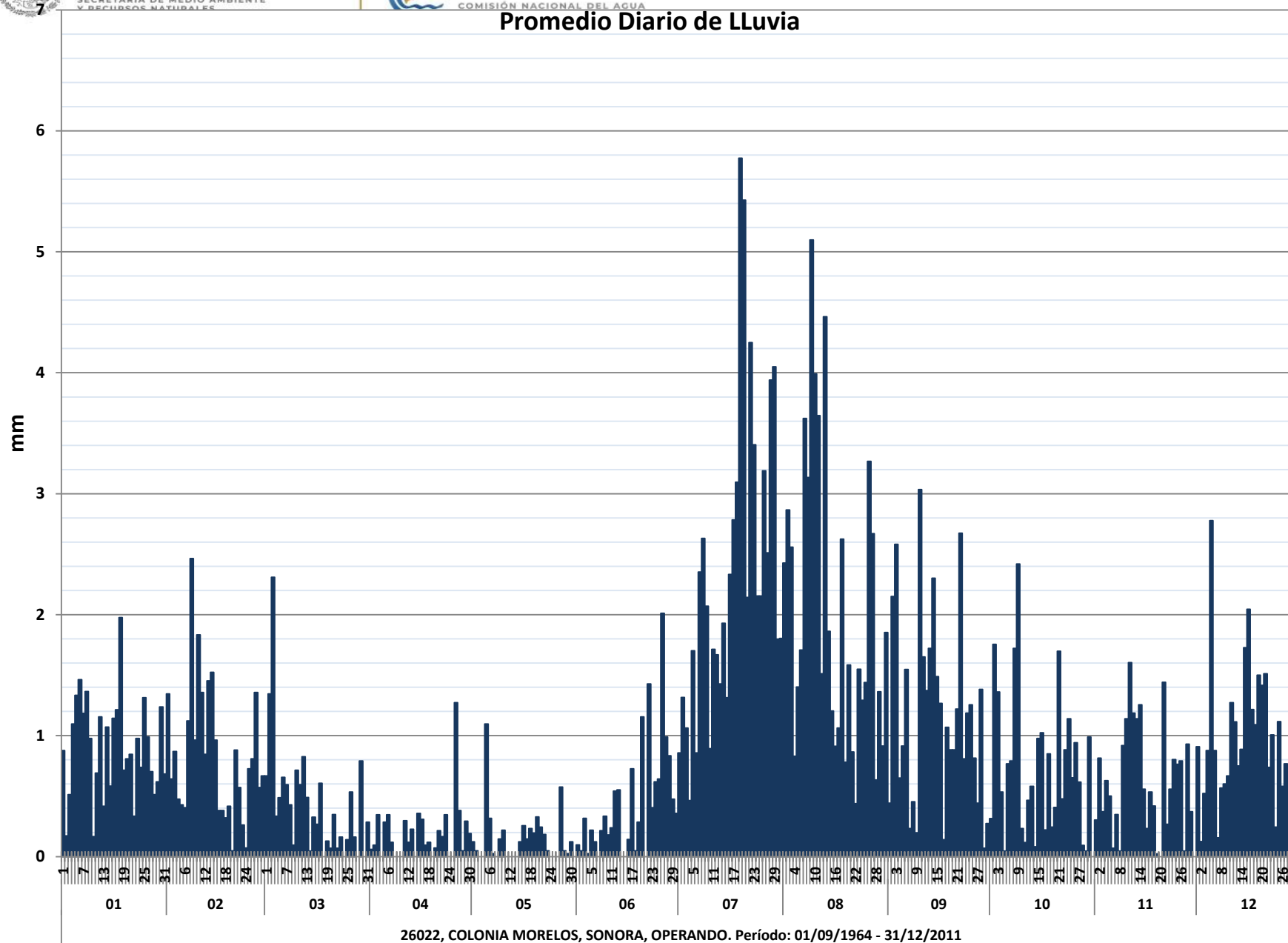
Evap (mm)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE	0.1	2.8	9.5	1.4	
FEB	0.1	4.1	10.8	1.6	
MAR	0.5	6.0	15.6	2.1	
ABR	0.2	8.3	15.9	2.3	
MAY	1.1	10.2	16.3	2.3	
JUN	0.9	11.6	18.0	2.5	
JUL	0.2	8.9	17.7	2.9	
AGO	1.0	7.7	15.7	2.1	
SEP	0.6	7.2	17.4	2.1	
OCT	0.6	5.7	14.4	2.0	
NOV	0.1	3.9	10.5	1.7	
DIC	0.1	2.7	9.4	1.4	
Total general	0.1	6.6	18.0	3.5	

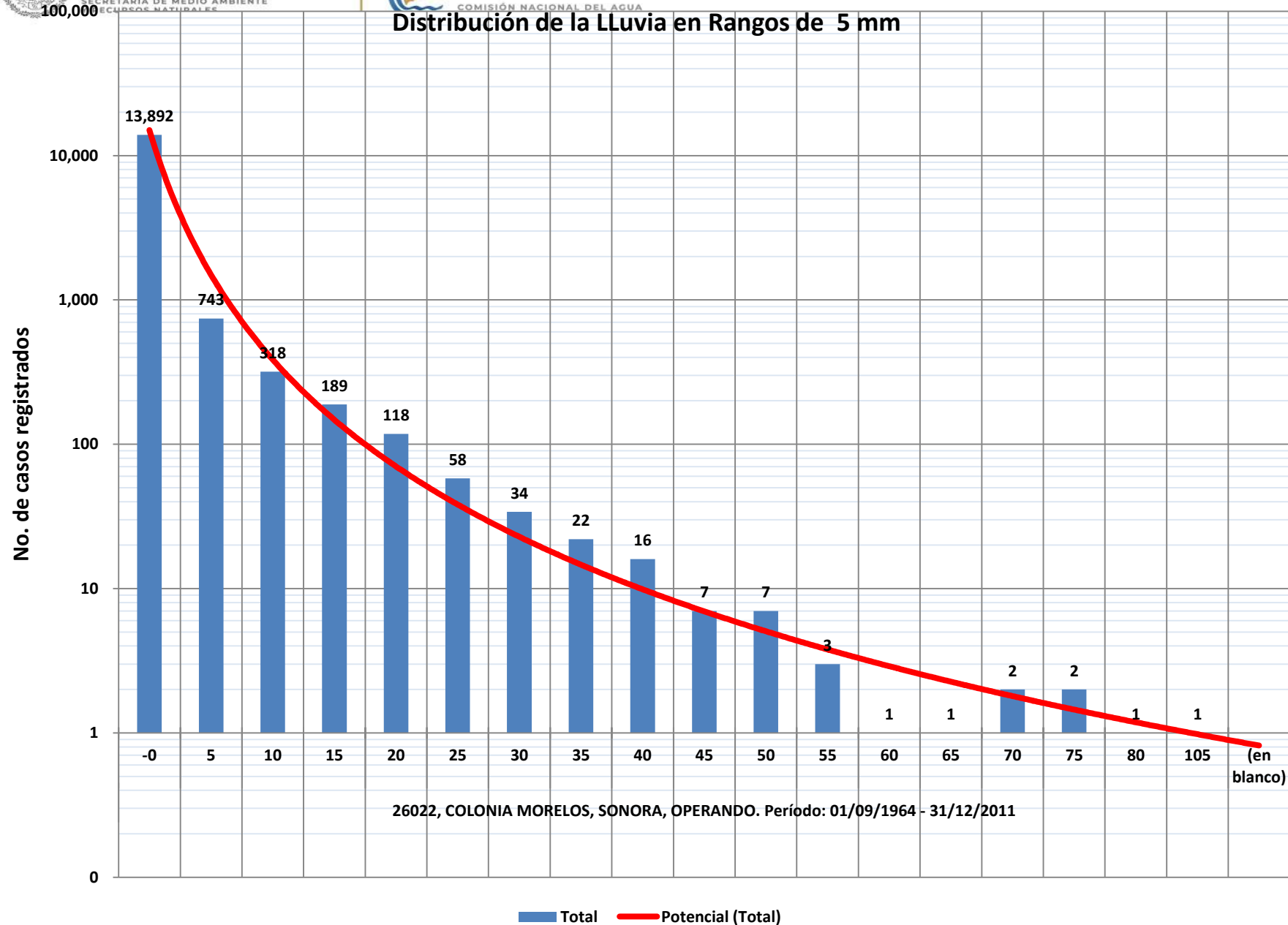






Promedio Diario de Lluvia





Estacion 26022
 NOMBRE COLONIA MORELOS
 ESTADO SONORA

		Temp Min (°C)				
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1960	1964	1.5	11.8	21.0	4.5	
	1965	5.0	11.6	25.0	4.3	
	1966	2.0	11.9	27.0	7.1	
	1967	1.0	11.0	27.5	7.3	
	1968	0.0	10.4	26.0	7.2	
	1969	-2.0	10.9	27.0	8.0	
	1970	-6.5	10.3	27.0	8.1	
Total 1960		-6.5	11.1	27.5	7.0	
1970	1971	-12.0	9.1	27.0	8.6	
	1972	-6.0	10.1	26.0	8.5	
	1973	-6.0	10.1	26.0	7.9	
	1974	-5.0	10.5	25.0	7.7	
	1975	-7.0	8.7	24.0	8.1	
	1976	-6.0	9.2	26.0	8.2	
	1977	-6.0	10.0	27.0	8.2	
	1978	-16.0	10.1	24.0	7.8	
	1979	-7.0	9.1	26.0	8.5	
	1980	-5.0	9.9	25.0	8.4	
Total 1970		-16.0	9.7	27.0	8.2	
1980	1981	-5.5	10.2	26.0	8.3	
	1982	-6.0	9.6	25.0	7.9	
	1983	-5.0	9.5	25.0	8.3	
	1984	-9.0	9.8	25.0	8.6	
	1985	-6.0	9.6	25.0	8.1	
	1986	-5.0	10.0	24.0	7.8	
	1987	-6.0	8.8	25.0	8.3	
Total 1980		-9.0	9.7	26.0	8.2	
1990	1991	-6.0	8.2	23.0	7.8	
	1992	-7.0	8.0	24.0	6.7	
	1993	-5.0	8.0	25.0	6.6	
	1994	-5.0	7.9	24.0	6.1	
	1995	-5.0	8.7	24.0	6.7	
	1996	-10.0	8.4	24.0	7.5	
	1997	-6.0	8.5	23.0	6.6	
	1998	-5.0	8.8	24.0	7.7	
	1999	-4.0	-0.1	6.0	2.7	
	2000	-3.0	3.2	10.0	2.1	
Total 1990		-10.0	7.7	25.0	6.9	
2000	2001	-8.0	3.5	14.0	4.6	
	2002	-8.0	8.7	20.0	8.8	
	2003	-4.0	8.5	20.0	5.0	
	2004	-6.0	13.8	36.0	8.0	
	2005	-5.0	14.7	31.0	8.1	
	2006	2.0	16.6	31.0	7.0	
	2007	0.0	6.7	12.0	1.9	
	2008	-8.0	7.8	18.0	5.5	
	2009	-5.0	8.3	16.0	3.3	
	2010	-6.0	8.4	26.0	6.0	
Total 2000		-8.0	9.9	36.0	7.3	
2010	2011	-12.0	8.9	22.0	8.3	
Total 2010		-12.0	8.9	22.0	8.3	
Total general		-16.0	9.5	36.0	7.6	

Estacion 26022
 NOMBRE COLONIA MORELOS
 ESTADO SONORA

		Temp Max (°C)				
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1960	1964	19.5	30.8	42.5	6.0	
	1965	15.5	33.1	48.0	7.6	
	1966	10.0	31.5	45.0	7.7	
	1967	6.0	30.4	43.5	7.1	
	1968	9.0	27.9	44.0	8.2	
	1969	8.0	28.8	49.0	8.4	
	1970	10.0	28.3	44.0	7.7	
Total 1960		6.0	30.0	49.0	7.9	
1970	1971	4.0	27.9	43.0	8.0	
	1972	10.0	28.9	44.0	7.8	
	1973	7.0	28.0	45.0	8.8	
	1974	9.5	28.2	44.0	8.3	
	1975	8.0	27.2	41.0	7.6	
	1976	5.0	26.4	40.0	7.8	
	1977	9.0	26.8	41.0	7.4	
	1978	-1.0	27.5	44.0	9.0	
	1979	7.0	27.8	44.0	8.9	
	1980	6.0	28.2	44.0	8.6	
Total 1970		-1.0	27.7	45.0	8.2	
1980	1981	7.5	27.3	41.5	7.1	
	1982	5.5	27.0	41.5	8.3	
	1983	5.0	26.1	40.0	8.4	
	1984	6.0	26.7	41.0	7.6	
	1985	3.0	26.7	43.0	8.2	
	1986	9.0	27.2	41.0	7.5	
	1987	3.0	27.0	41.0	8.0	
Total 1980		3.0	26.9	43.0	7.9	
1990	1991	5.0	25.7	45.0	8.9	
	1992	7.0	27.0	45.0	8.9	
	1993	10.0	27.7	42.0	8.3	
	1994	9.0	28.1	41.0	7.5	
	1995	7.0	27.1	42.0	8.1	
	1996	8.0	28.0	42.0	6.9	
	1997	13.0	29.3	46.0	7.8	
	1998	10.0	27.4	45.0	7.5	
	1999	15.0	19.1	24.0	2.8	
	2000	10.0	37.6	49.0	6.7	
Total 1990		5.0	28.4	49.0	8.5	
2000	2001	12.0	34.4	49.0	8.6	
	2002	20.0	36.3	49.0	8.4	
	2003	15.0	34.3	49.0	7.4	
	2004	15.0	34.2	49.0	9.5	
	2005	15.0	35.5	49.0	9.0	
	2006	19.0	34.8	49.0	8.0	
	2007	18.0	36.0	49.0	7.0	
	2008	18.0	39.9	49.0	7.2	
	2009	18.0	34.6	49.0	9.0	
	2010	11.0	30.9	49.0	8.3	
Total 2000		11.0	35.1	49.0	8.5	
2010	2011	8.0	32.5	42.0	8.1	
Total 2010		8.0	32.5	42.0	8.1	
Total general		-1.0	29.8	49.0	8.8	



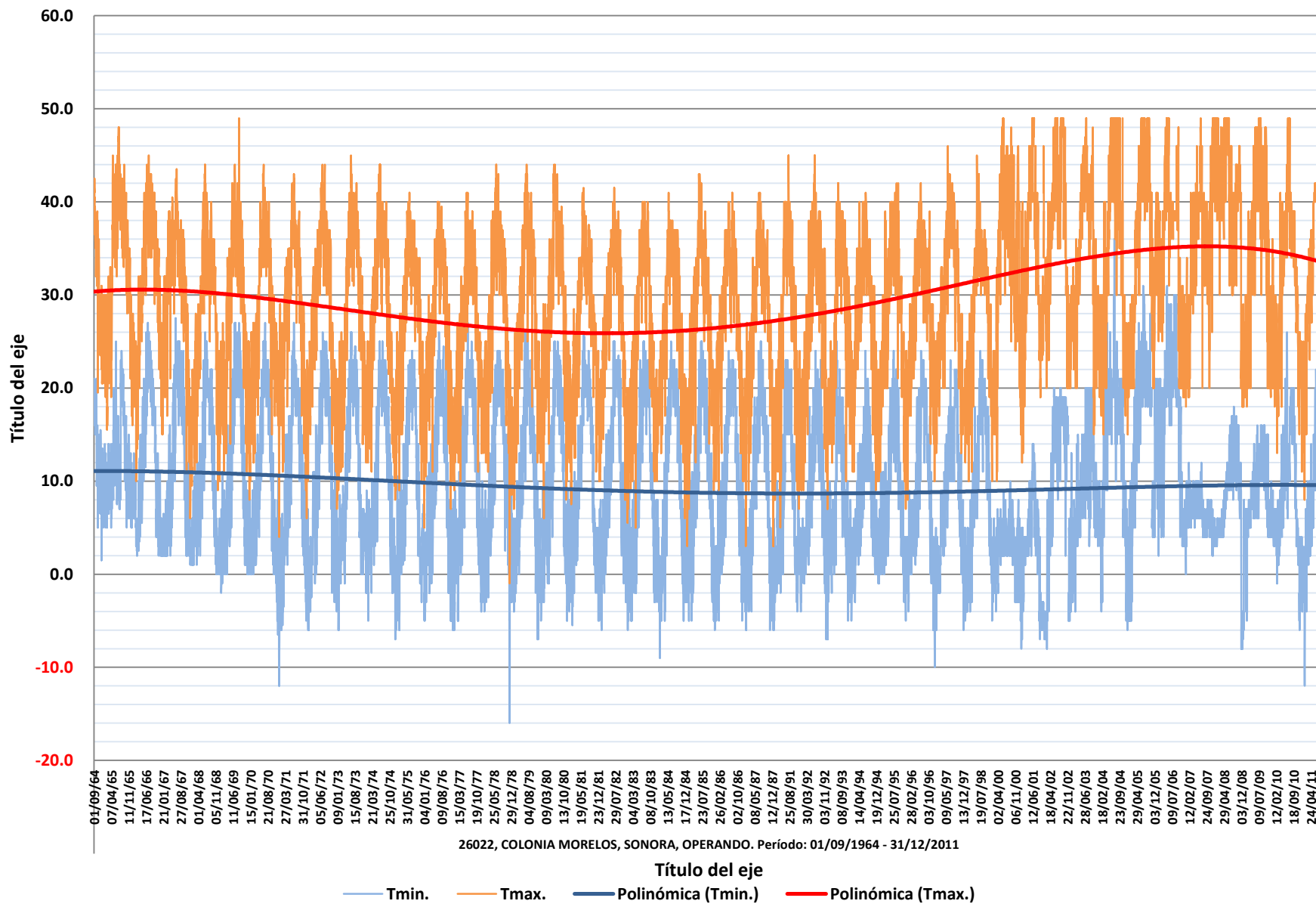
SEMARNAT
SECRETARÍA DE MEDIO AMBIENTE
Y RECURSOS NATURALES



CONAGUA
COMISIÓN NACIONAL DEL AGUA

ESTACIONES CLIMATOLÓGICAS

Registro Diario de Temperaturas Mínima y Máxima

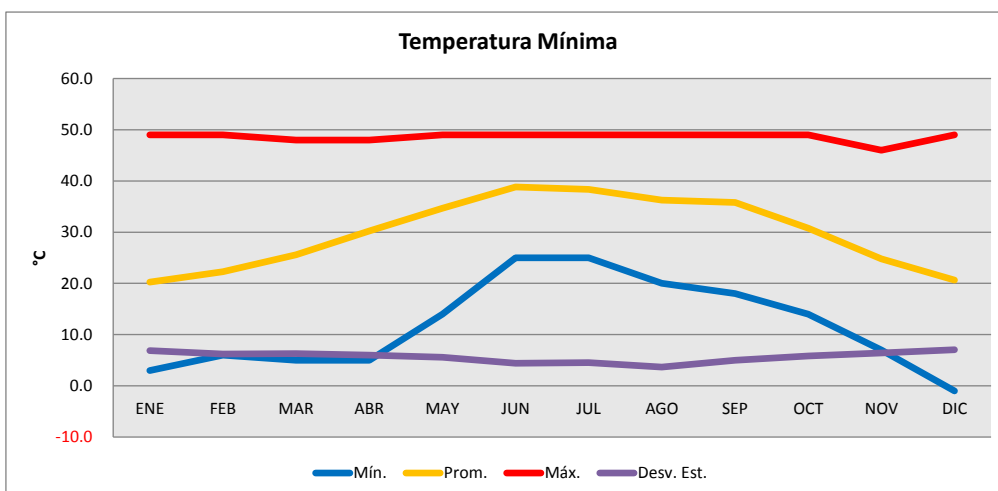
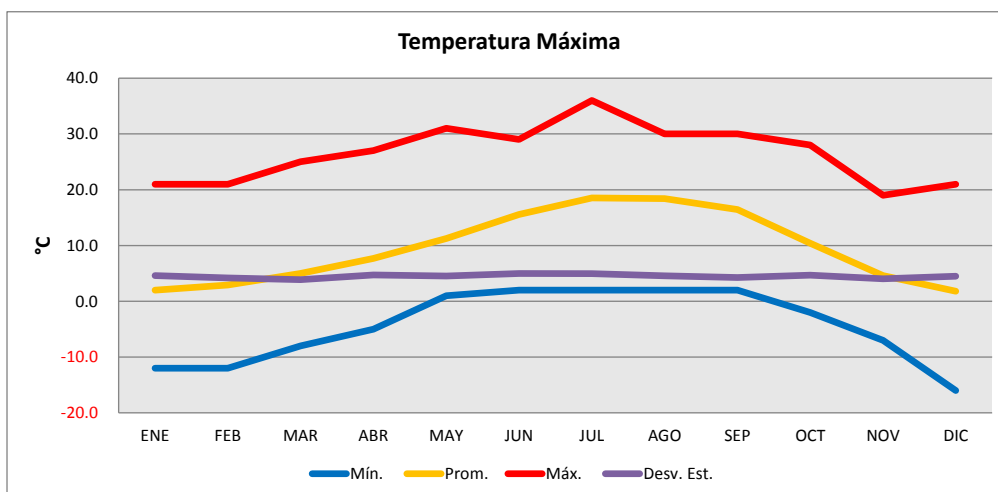


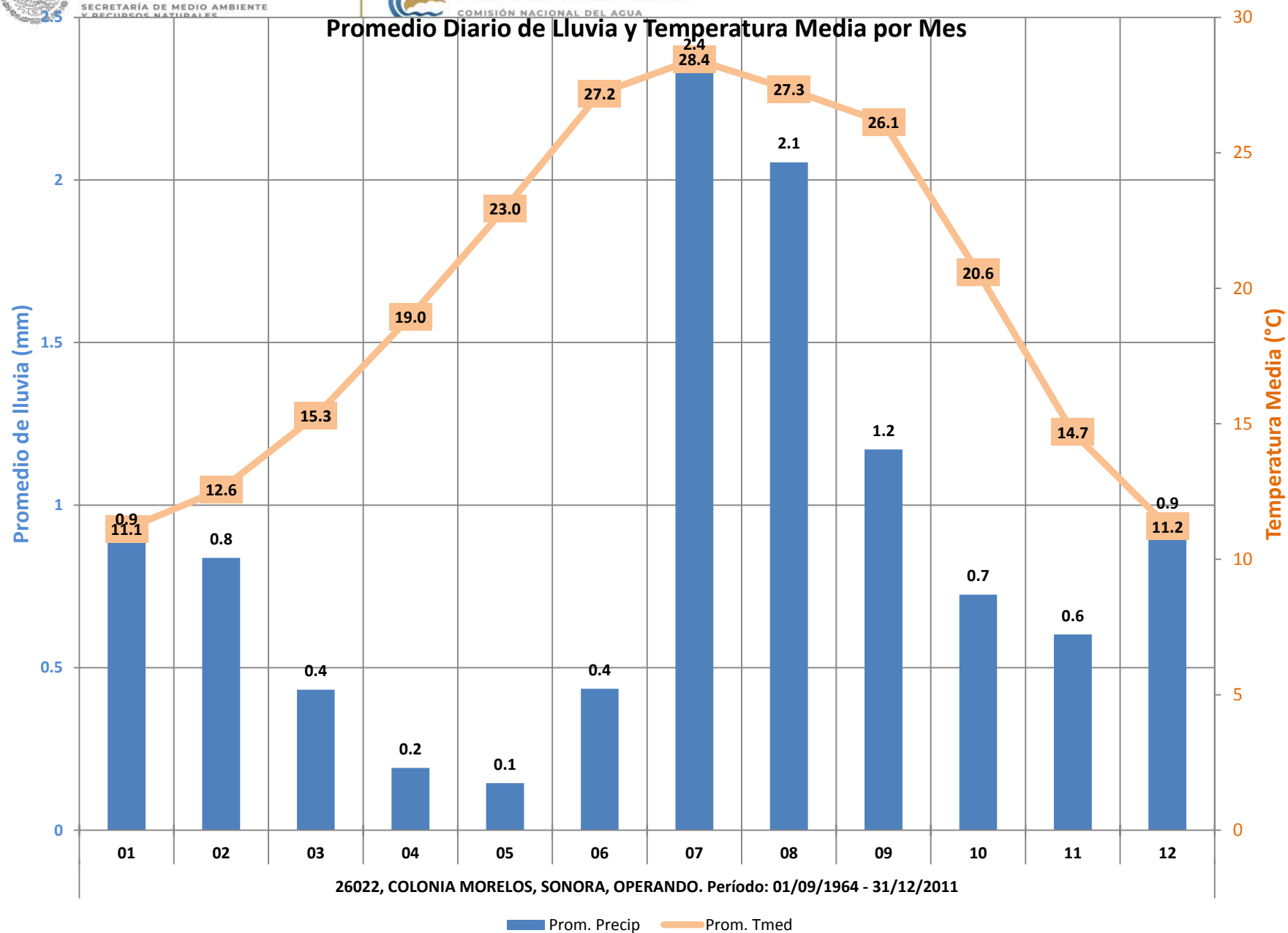
Estacion	26022
NOMBRE	COLONIA MORELOS
ESTADO	SONORA

Temp Min (°C)				
Mes	Mín.	Prom.	Máx.	Desv. Est.
ENE	-12.0	2.0	21.0	4.6
FEB	-12.0	2.9	21.0	4.2
MAR	-8.0	5.0	25.0	3.9
ABR	-5.0	7.7	27.0	4.7
MAY	1.0	11.3	31.0	4.5
JUN	2.0	15.6	29.0	5.0
JUL	2.0	18.5	36.0	5.0
AGO	2.0	18.4	30.0	4.6
SEP	2.0	16.5	30.0	4.3
OCT	-2.0	10.4	28.0	4.7
NOV	-7.0	4.6	19.0	4.0
DIC	-16.0	1.8	21.0	4.5
Total general	-16.0	9.5	36.0	7.6

Estacion	26022
NOMBRE	COLONIA MORELOS
ESTADO	SONORA

Temp Max (°C)				
Mes	Mín.	Prom.	Máx.	Desv. Est.
ENE	3.0	20.2	49.0	6.9
FEB	6.0	22.3	49.0	6.2
MAR	5.0	25.6	48.0	6.3
ABR	5.0	30.2	48.0	6.0
MAY	14.0	34.7	49.0	5.6
JUN	25.0	38.8	49.0	4.4
JUL	25.0	38.4	49.0	4.5
AGO	20.0	36.3	49.0	3.7
SEP	18.0	35.8	49.0	5.0
OCT	14.0	30.8	49.0	5.8
NOV	7.0	24.8	46.0	6.4
DIC	-1.0	20.6	49.0	7.0
Total general	-1.0	29.8	49.0	8.8





Estacion	26022
NOMBRE	COLONIA MORELOS
ESTADO	SONORA

Década	Año	Estación		Promedios										
		Primavera			Verano			Otoño			Invierno			
		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	1964				3.3	18.2	38.5	0.6	10.9	29.6	0.0	8.5	26.8	
	1965	0.1	12.5	35.3	1.1	15.2	40.6	0.5	9.8	31.3	0.8	9.0	24.7	
	1966	0.0	12.7	32.8	1.8	21.0	39.4	0.6	8.0	31.8	0.7	5.9	21.7	
	1967	0.6	10.9	34.6	2.7	20.3	35.9	2.4	8.7	25.7	0.2	4.0	25.4	
	1968	0.2	10.5	30.5	1.2	20.0	35.9	0.5	5.8	26.6	1.2	5.1	18.7	
	1969	0.2	10.8	32.3	2.0	21.7	37.3	0.5	8.2	25.3	0.4	3.0	19.9	
	1970	0.1	11.0	30.7	2.0	21.0	36.8	0.2	5.2	25.6	0.7	3.6	20.0	
	Total 1960	0.2	11.4	32.7	1.8	19.8	37.7	0.7	8.1	28.0	0.6	5.2	21.8	
	1970	0.0	10.1	31.4	2.4	19.9	36.2	1.0	6.4	22.9	0.3	-0.3	20.9	
		0.3	10.9	32.3	1.7	20.3	36.7	0.8	7.4	24.3	0.2	1.5	22.3	
		0.5	10.6	29.3	1.0	20.6	37.7	0.0	6.5	27.1	0.9	2.5	17.6	
		0.1	10.6	32.7	1.4	20.1	36.3	1.0	8.1	23.4	0.5	3.1	20.0	
		0.2	9.1	29.5	3.1	19.5	34.5	0.1	5.1	25.9	0.9	1.1	18.8	
		0.2	10.5	29.6	1.8	19.2	34.3	0.9	5.4	22.3	0.7	1.4	19.5	
		0.1	10.2	28.9	2.3	20.2	34.3	2.2	7.3	25.8	0.8	2.1	18.2	
		0.0	9.9	31.4	0.9	20.1	36.5	1.2	7.7	23.4	1.4	2.6	18.4	
		0.3	10.8	30.1	1.3	19.5	36.8	0.2	4.9	26.3	1.1	1.1	17.8	
		0.1	9.6	30.6	1.2	20.8	37.3	0.2	6.3	24.7	1.1	2.6	20.1	
	Total 1970	0.2	10.2	30.6	1.7	20.0	36.1	0.8	6.5	24.6	0.8	1.8	19.4	
1980	1981	0.2	11.7	30.1	1.7	20.3	34.4	0.9	6.4	24.9	1.4	2.2	19.6	
	1982	0.1	9.8	30.5	1.2	20.0	35.5	0.8	6.6	23.4	0.4	1.9	18.6	
	1983	0.1	9.0	28.0	1.3	19.8	35.6	2.1	7.3	22.6	0.9	1.5	17.8	
	1984	0.4	11.5	30.8	3.0	20.1	33.9	1.6	7.0	22.1	0.4	0.7	19.7	
	1985	0.7	10.8	30.9	3.2	19.4	34.4	1.5	6.1	23.1	0.8	2.0	18.2	
	1986	0.2	11.6	32.0	1.8	19.6	34.2	2.0	6.4	22.3	0.7	2.3	20.4	
	1987	0.2	10.2	29.0	1.7	18.6	35.0	0.6	5.8	25.7	0.6	0.6	18.2	
	Total 1980	0.3	10.7	30.2	2.0	19.7	34.7	1.4	6.5	23.4	0.8	1.6	18.9	
	1990	0.0	6.5	26.2	1.5	18.9	35.6	0.9	5.4	24.6	1.5	1.9	17.3	
		0.3	7.6	30.3	0.8	16.5	35.7	1.1	5.5	24.3	1.3	2.1	17.4	
		0.0	5.4	23.9	2.3	15.9	36.0	0.1	5.5	29.4	2.0	3.6	18.7	
		0.3	8.9	32.3	1.8	16.2	35.9	2.3	7.0	25.4	1.0	2.1	21.4	
		0.0	8.3	29.0	1.8	17.5	36.2	0.3	5.9	24.2	1.5	3.0	18.7	
		0.0	8.3	31.9	2.7	18.2	33.4	0.3	4.7	25.4	0.1	2.2	21.4	
		0.4	8.6	32.6	1.5	15.8	37.4	1.3	7.7	24.6	0.6	1.6	22.3	
		0.4	8.5	30.2	1.2	18.6	34.5	0.9	7.3	25.1	0.7	0.6	19.6	
		0.0						0.0	0.9	19.1	0.0	-1.9	19.3	
		0.4	3.4	38.4	2.2	4.0	41.0	1.1	2.6	35.2	0.1	1.5	29.7	
	Total 1990	0.2	7.5	31.5	1.7	15.7	36.2	0.9	5.6	26.3	1.0	2.1	19.9	
2000	2001	0.1	6.1	41.2	1.8	11.3	48.2	0.4	3.0	33.8	1.1	0.3	26.6	
	2002	0.0	8.5	38.4	2.1	16.5	43.7	0.4	12.3	33.9	0.6	-2.5	29.0	
	2003	0.0	8.3	36.9	1.5	11.8	41.6	0.3	9.6	30.3	0.6	4.2	27.7	
	2004	0.2	18.4	37.9	1.6	20.0	42.8	1.2	10.8	31.3	1.9	5.0	23.9	
	2005	0.0	18.5	37.1	0.6	21.2	45.0	0.0	13.7	34.4	1.6	5.3	25.5	
	2006	0.0	19.0	40.9	2.7	22.8	39.3	0.1	10.8	26.8	0.1	13.6	32.2	
	2007	0.8	8.0	38.1	0.9	6.8	39.0	0.4	5.4	36.8	0.1	6.8	30.3	
	2008	0.0	7.4	44.2	3.5	12.5	38.9	0.2	7.8	36.2	0.1	3.3	40.1	
	2009	0.4	9.0	39.1	2.6	11.5	42.5	0.0	7.6	31.0	0.5	5.0	25.6	
	2010	0.1	9.2	33.7	1.2	15.1	40.3	0.6	5.2	27.5	0.8	4.0	21.9	
	Total 2000	0.2	11.2	38.8	1.9	15.4	41.5	0.4	8.7	32.2	0.7	4.5	28.3	
2010	2011	0.0	7.3	34.5	2.7	18.2	39.1	0.0	9.4	32.1	0.0	-0.2	22.6	
	Total 2010	0.0	7.3	34.5	2.7	18.2	39.1	0.0	9.4	32.1	0.0	-0.2	22.6	
Total general		0.2	10.1	33.0	1.8	18.0	37.3	0.8	7.1	27.1	0.8	2.9	21.9	



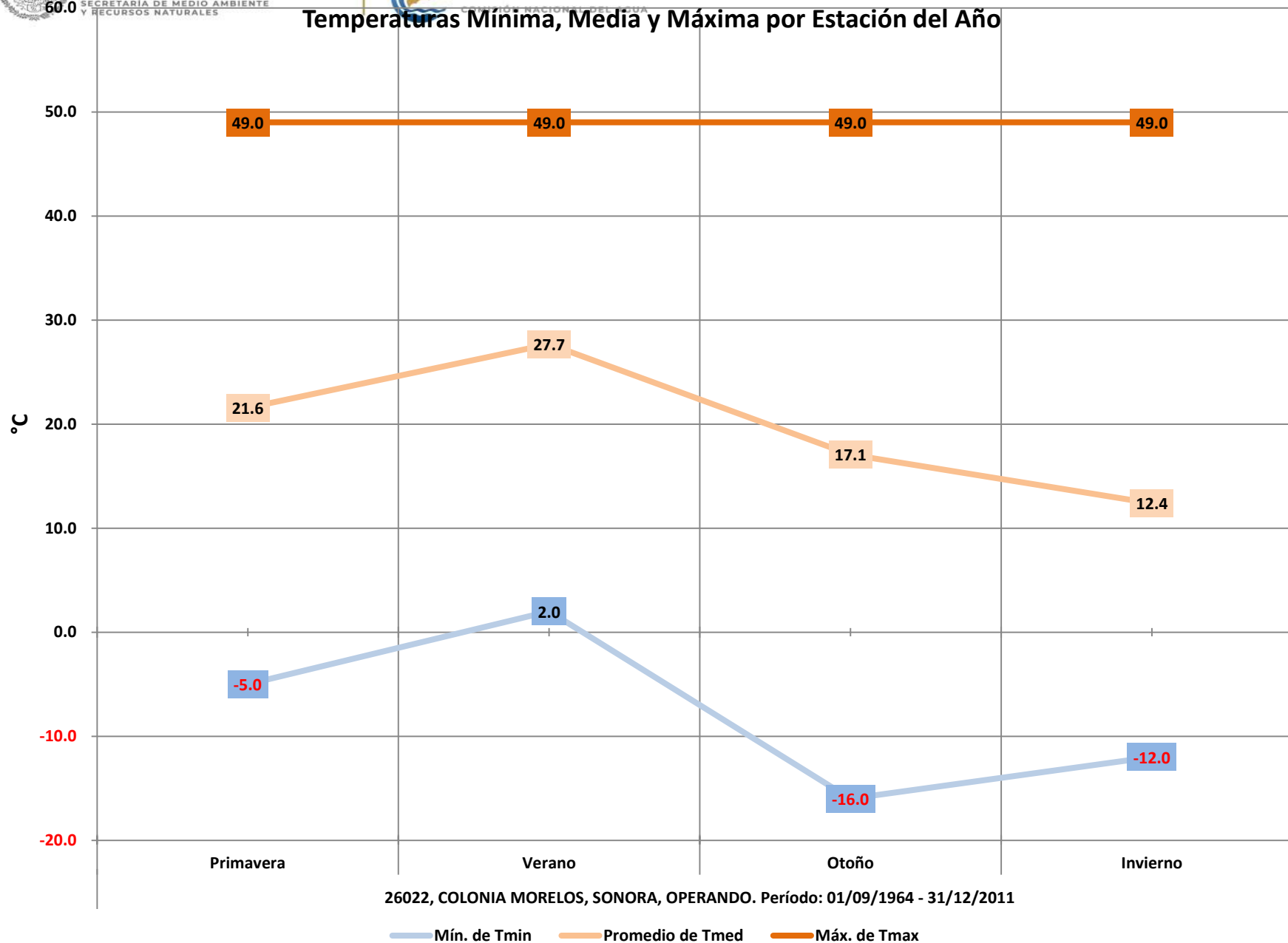
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