



Datos de la Estación

ESTACIÓN:	26107
NOMBRE:	VICAM (SMN)
ESTADO:	SONORA
MUNICIPIO:	GUAYMAS
LATITUD (°):	27.5842
LONGITUD (°):	-110.3244
ALTURA (msn):	13
SITUACIÓN:	OPERANDO
DATOS DESDE:	1 de enero de 1986
HASTA:	30 de septiembre de 2016

Inventario de Registros por Década Año

Estacion		26107					
		N° de Casos					
Decada	Año	Lluvia	Temp min	Temp max	Temp amb	Evaporación	
1980	1986	365	365	365	365	365	
	1987	363	365	365	365	365	
	1988	366	366	366	366	354	
	1989	335	335	335	335	298	
	1990	365	365	365	365	288	
Total 1980		1,794	1,796	1,796	1,796	1,670	
1990	1991	365	365	365	365	237	
	1992	366	366	366	366	227	
	1993	365	353	353	353	224	
	1994	365	365	365	363	296	
	1995	365	365	365	365	291	
	1996	366	366	366	366	328	
	1997	365	365	365	365	324	
	1998	365	365	365	365	317	
	1999	365	365	365	365	356	
	2000	366	366	366	366	354	
Total 1990		3,653	3,641	3,641	3,639	2,954	
2000	2001	365	365	365	365	357	
	2002	365	365	365	365	210	
	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	364		
	2010	304	304	304	304		
Total 2000		3,591	3,591	3,591	3,590	567	
2010	2011	365	365	365	365		
	2012	366	366	366	366	26	
	2013	365	365	365	365	334	
	2014	365	365	365	365	365	
	2015	365	365	365	365	362	
Total 2010		2,100	2,100	2,100	2,100	1,359	
Total general		11,138	11,128	11,128	11,125	6,550	

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Lluvia (mm)					
Década	Año	Min.	Prom.	Máx.	Desv. Est.
1980	1986	0.0	1.0	110.5	7.3
	1987	0.0	0.4	22.0	2.2
	1988	0.0	0.9	98.9	7.7
	1989	0.0	1.1	75.5	6.2
	1990	0.0	1.6	62.7	6.3
Total 1980		0.0	1.0	110.5	6.2
1990	1991	0.0	0.7	46.5	3.5
	1992	0.0	1.1	43.3	4.9
	1993	0.0	1.1	61.0	6.0
	1994	0.0	1.3	63.7	6.6
	1995	0.0	0.6	63.7	4.2
	1996	0.0	0.9	96.7	6.1
	1997	0.0	1.3	76.7	6.9
	1998	0.0	0.7	77.0	4.7
	1999	0.0	0.8	87.9	5.6
	2000	0.0	0.8	81.4	5.7
Total 1990		0.0	0.9	96.7	5.5
2000	2001	0.0	1.0	193.1	11.2
	2002	0.0	0.6	51.1	3.9
	2003	0.0	1.1	95.6	6.5
	2004	0.0	1.4	80.4	7.5
	2005	0.0	0.6	33.1	3.0
	2006	0.0	0.5	31.0	2.6
	2007	0.0	0.8	99.8	5.8
	2008	0.0	1.0	58.0	5.4
	2009	0.0	1.1	105.8	7.1
	2010	0.0	0.3	21.8	2.1
Total 2000		0.0	0.8	193.1	6.1
2010	2011	0.0	0.7	63.0	4.7
	2012	0.0	0.9	58.5	5.5
	2013	0.0	1.0	75.2	6.1
	2014	0.0	1.3	82.0	7.7
	2015	0.0	1.3	54.0	6.4
	2016	0.0	0.9	58.5	5.1
Total 2010		0.0	1.0	82.0	6.0
Total general		0.0	0.9	193.1	5.9

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Evap (mm)					
Década	Año	Min.	Prom.	Máx.	Desv. Est.
1980	1986	0.4	6.8	14.2	2.8
	1987	1.0	6.5	15.7	2.7
	1988	1.0	6.4	13.8	3.0
	1989	1.1	6.0	13.2	2.5
	1990	0.6	5.1	11.4	2.4
Total 1980		0.4	6.2	15.7	2.8
1990	1991	1.0	4.3	10.2	2.3
	1992	0.3	5.7	12.1	2.7
	1993	0.4	4.7	11.9	2.2
	1994	0.8	5.0	13.9	2.5
	1995	1.0	5.9	12.9	3.0
	1996	1.0	6.5	14.5	3.0
	1997	1.3	5.9	14.6	2.8
	1998	1.2	5.9	13.5	2.5
	1999	1.1	5.9	11.6	2.4
	2000	1.3	6.0	14.2	2.8
Total 1990		0.3	5.6	14.6	2.7
2000	2001	1.3	6.6	12.9	2.6
	2002	1.3	6.5	16.2	3.3
	2003				
	2004				
	2005				
	2006				
	2007				
	2008				
	2009				
	2010				
Total 2000		1.3	6.6	16.2	2.8
2010	2011				
	2012	0.5	3.0	5.6	1.4
	2013	0.2	7.0	17.8	3.5
	2014	1.3	7.2	16.9	3.3
	2015	0.3	6.1	12.8	2.9
	2016	1.1	7.4	14.5	2.9
Total 2010		0.2	6.8	17.8	3.2
Total general		0.2	6.1	17.8	2.9

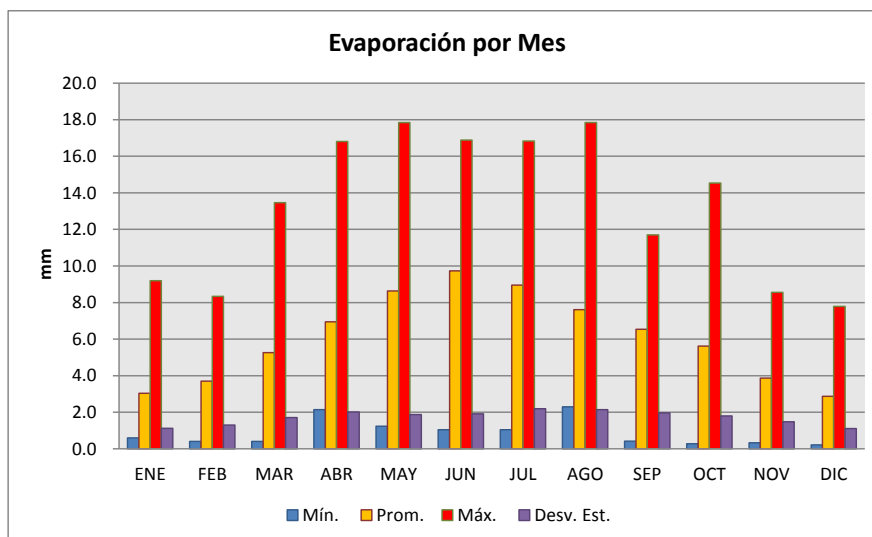
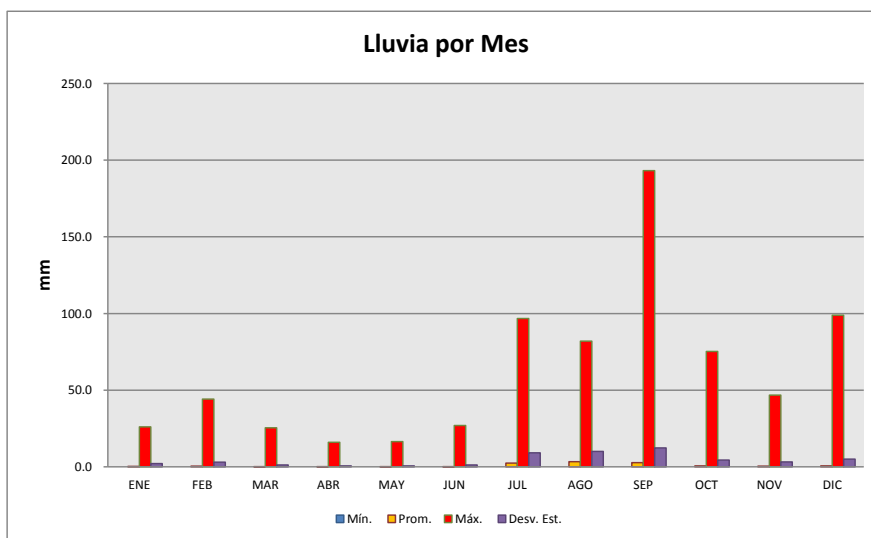


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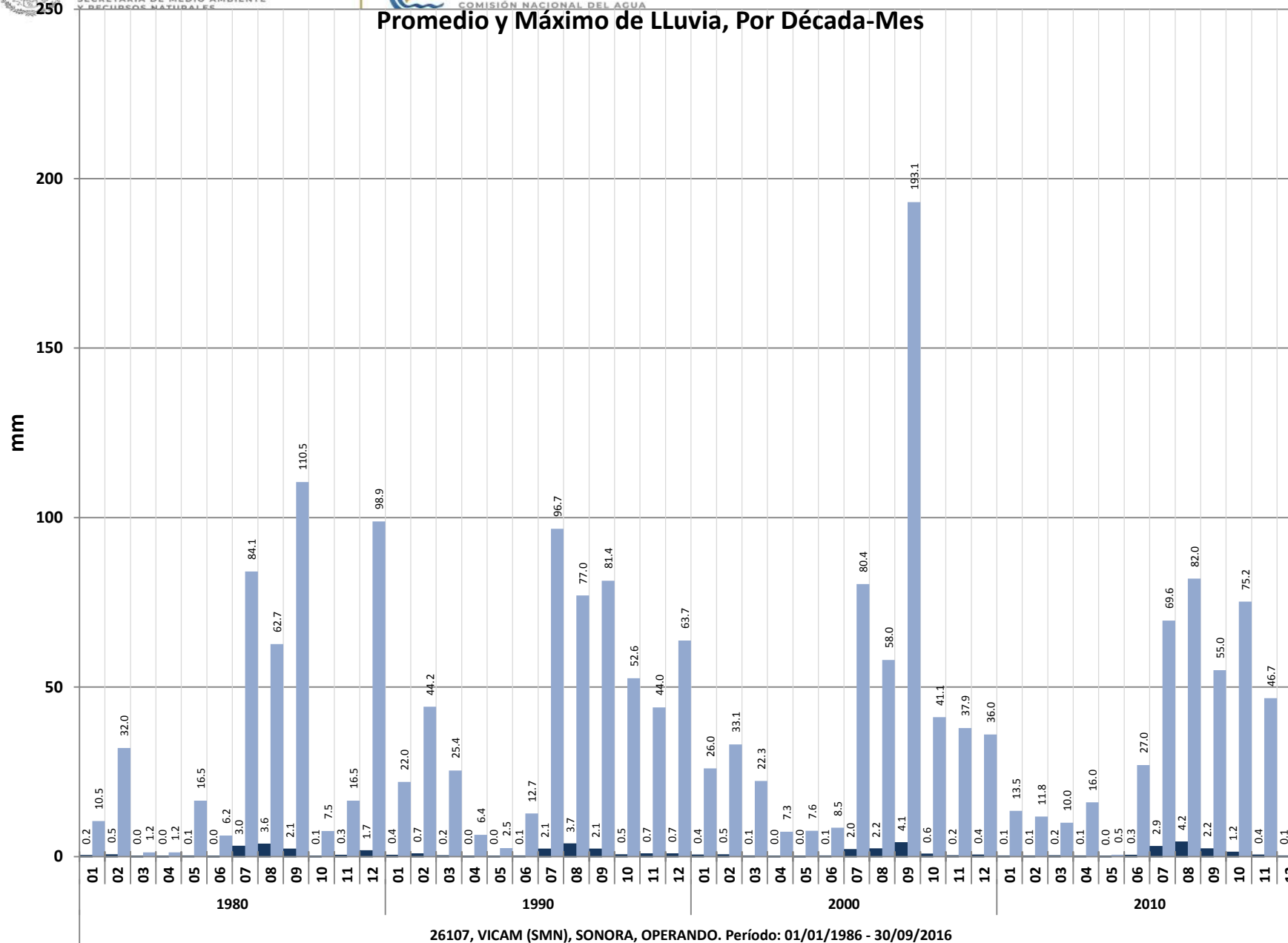
Lluvia (mm)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE	0.0	0.3	26.0	2.1	
FEB	0.0	0.5	44.2	3.1	
MAR	0.0	0.1	25.4	1.3	
ABR	0.0	0.0	16.0	0.6	
MAY	0.0	0.0	16.5	0.6	
JUN	0.0	0.1	27.0	1.3	
JUL	0.0	2.4	96.7	9.1	
AGO	0.0	3.3	82.0	10.1	
SEP	0.0	2.7	193.1	12.4	
OCT	0.0	0.6	75.2	4.4	
NOV	0.0	0.4	46.7	3.2	
DIC	0.0	0.7	98.9	5.0	
Total general	0.0	0.9	193.1	5.9	

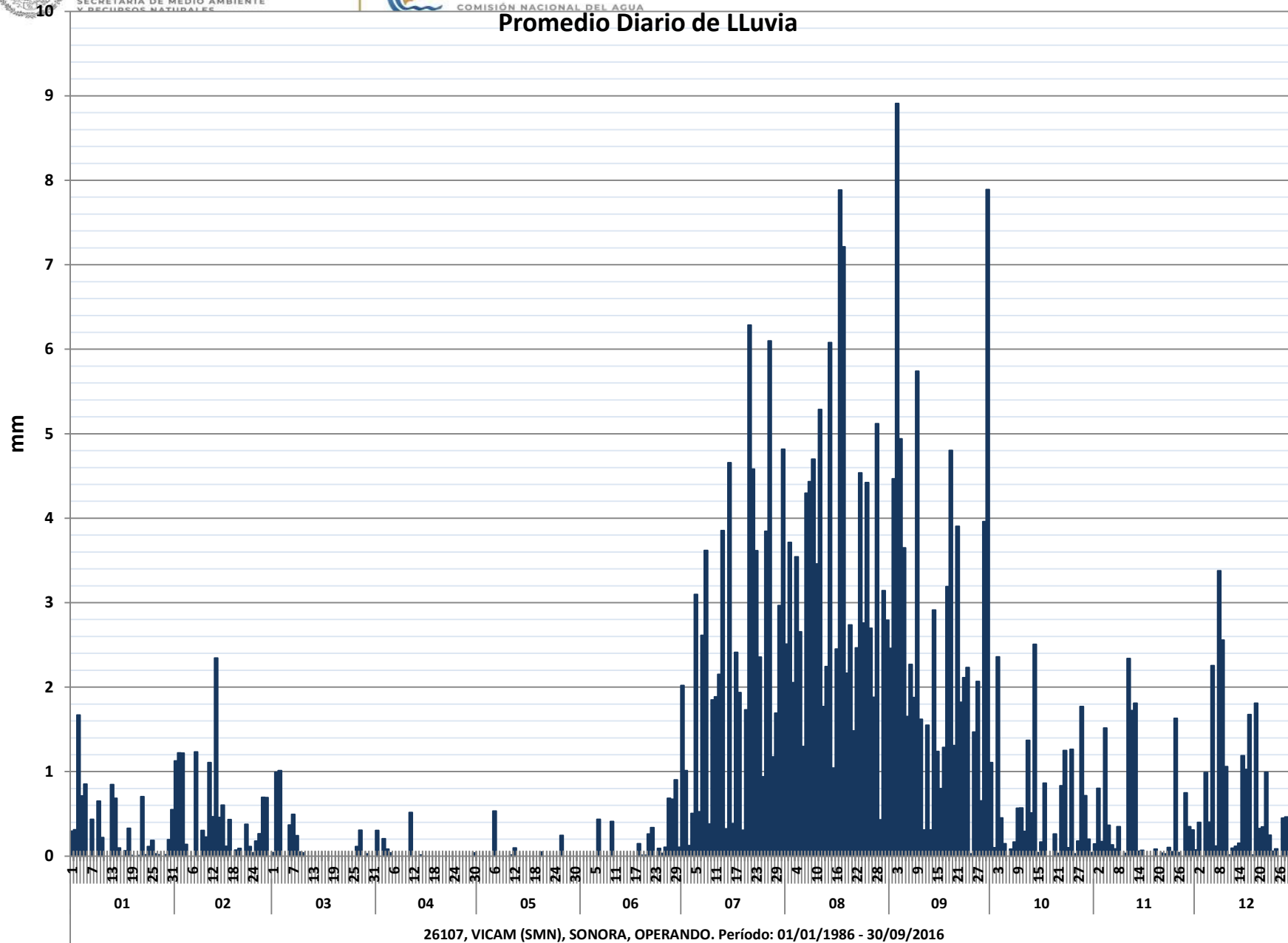
Evap (mm)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE	0.6	3.0	9.2	1.1	
FEB	0.4	3.7	8.3	1.3	
MAR	0.4	5.3	13.5	1.7	
ABR	2.1	6.9	16.8	2.0	
MAY	1.2	8.6	17.8	1.9	
JUN	1.0	9.7	16.9	1.9	
JUL	1.0	9.0	16.8	2.2	
AGO	2.3	7.6	17.8	2.1	
SEP	0.4	6.5	11.7	2.0	
OCT	0.3	5.6	14.5	1.8	
NOV	0.3	3.9	8.6	1.5	
DIC	0.2	2.9	7.8	1.1	
Total general	0.2	6.1	17.8	2.9	

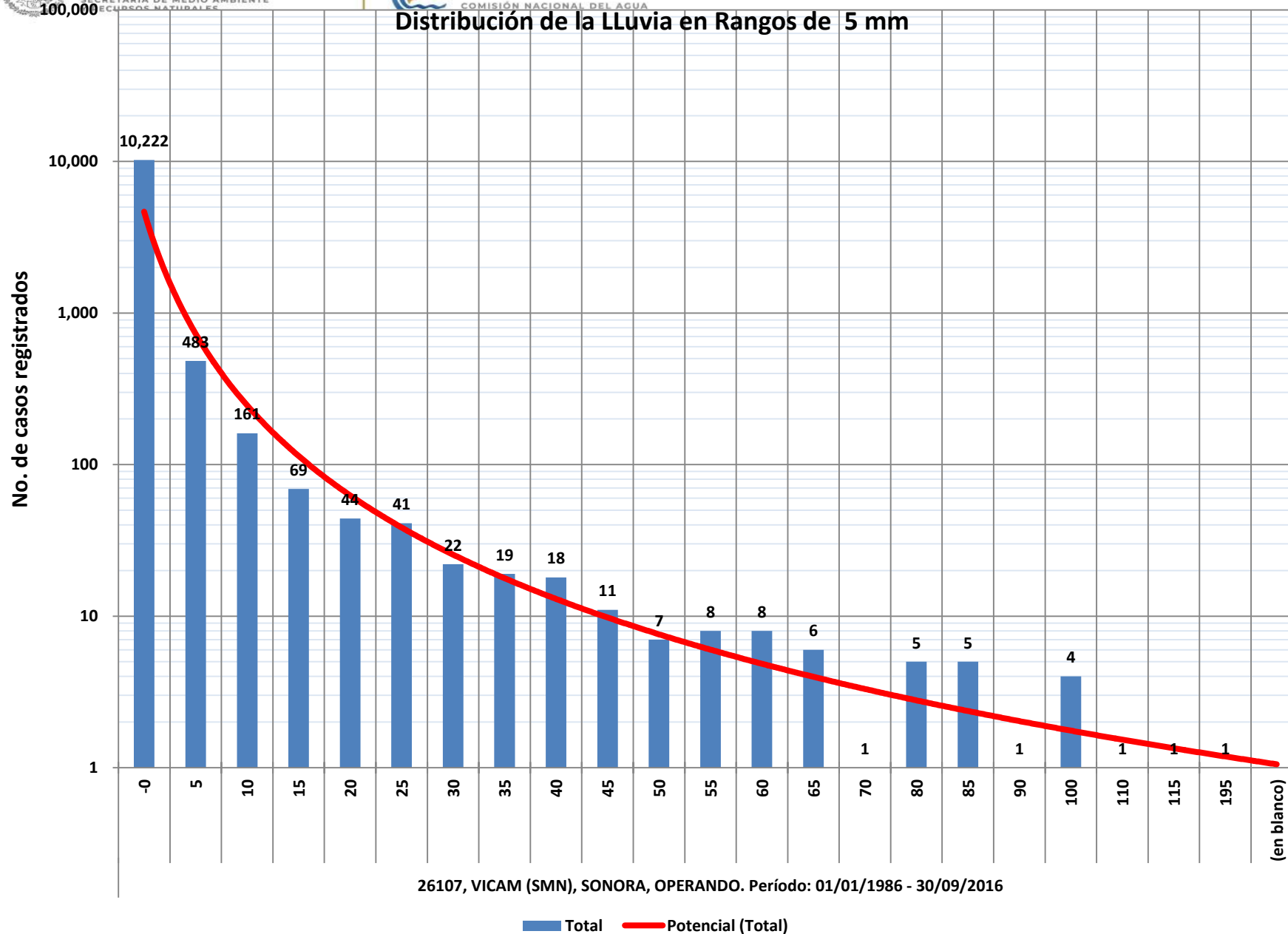




Promedio y Máximo de Lluvia, Por Década-Mes







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		Temp Min (°C)			
Década	Año	Mín.	Prom.	Máx.	Desv. Est.
1980	1986	0.0	15.7	28.0	7.3
	1987	-2.0	14.6	28.0	8.3
	1988	-2.0	15.0	29.0	8.2
	1989	-2.0	15.7	28.0	7.8
	1990	-1.0	15.3	29.0	8.0
Total 1980		-2.0	15.2	29.0	7.9
1990	1991	2.0	14.7	30.0	7.8
	1992	0.0	14.4	28.0	7.6
	1993	2.0	14.7	29.0	7.2
	1994	1.0	15.0	29.0	7.9
	1995	1.0	14.5	29.0	7.4
	1996	0.0	14.7	27.0	8.2
	1997	0.0	14.9	28.0	8.0
	1998	1.0	14.0	29.0	8.4
	1999	0.0	13.2	29.0	8.9
	2000	-2.0	14.9	30.0	8.9
Total 1990		-2.0	14.5	30.0	8.1
2000	2001	0.5	15.4	33.0	8.6
	2002	0.0	14.2	28.0	8.1
	2003	-3.0	14.3	28.0	7.9
	2004	-1.0	13.9	29.0	7.9
	2005	0.0	13.9	28.0	8.0
	2006	0.0	14.0	27.0	8.5
	2007	-1.0	13.8	29.0	8.3
	2008	-1.0	13.9	27.0	8.1
	2009	-1.0	14.5	28.0	8.1
	2010	-1.0	12.0	27.0	7.3
Total 2000		-3.0	14.0	33.0	8.1
2010	2011	-2.0	13.6	29.0	8.8
	2012	1.0	14.3	28.5	8.0
	2013	-4.0	14.3	27.0	8.0
	2014	1.0	17.1	30.0	8.0
	2015	0.5	16.0	29.0	7.5
	2016	1.0	16.2	30.0	8.1
Total 2010		-4.0	15.2	30.0	8.2
Total general		-4.0	14.6	33.0	8.1

Estacion 26107
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		Temp Max (°C)			
Década	Año	Mín.	Prom.	Máx.	Desv. Est.
1980	1986	20.0	32.8	44.0	5.0
	1987	16.0	33.0	43.0	5.7
	1988	19.0	32.9	42.5	5.6
	1989	16.0	32.7	41.5	6.1
	1990	17.0	31.8	42.0	5.7
Total 1980		16.0	32.6	44.0	5.6
1990	1991	18.0	31.9	41.5	5.6
	1992	15.0	32.0	43.0	6.8
	1993	19.0	32.0	42.0	6.1
	1994	17.0	32.6	43.0	6.0
	1995	18.0	33.4	43.8	5.9
	1996	20.0	33.7	44.0	5.4
	1997	17.0	32.8	45.0	6.4
	1998	17.0	32.6	45.0	6.2
	1999	18.0	33.7	45.0	5.9
	2000	19.0	32.7	43.0	5.7
Total 1990		15.0	32.8	45.0	6.0
2000	2001	17.0	32.3	45.0	6.8
	2002	18.0	34.1	45.0	6.5
	2003	20.0	33.8	45.0	6.0
	2004	18.0	33.1	46.0	6.9
	2005	18.0	33.0	46.0	6.3
	2006	18.0	32.8	43.0	5.3
	2007	12.0	31.8	46.0	6.6
	2008	16.0	31.2	42.0	6.2
	2009	19.0	32.1	43.5	5.8
	2010	19.0	31.0	43.0	5.7
Total 2000		12.0	32.5	46.0	6.3
2010	2011	11.0	32.0	42.0	6.6
	2012	18.0	32.0	42.0	5.6
	2013	16.5	32.1	43.0	5.7
	2014	22.0	34.3	43.0	4.9
	2015	19.0	32.9	42.0	5.3
	2016	19.0	34.2	44.0	5.2
Total 2010		11.0	32.9	44.0	5.7
Total general		11.0	32.7	46.0	6.0



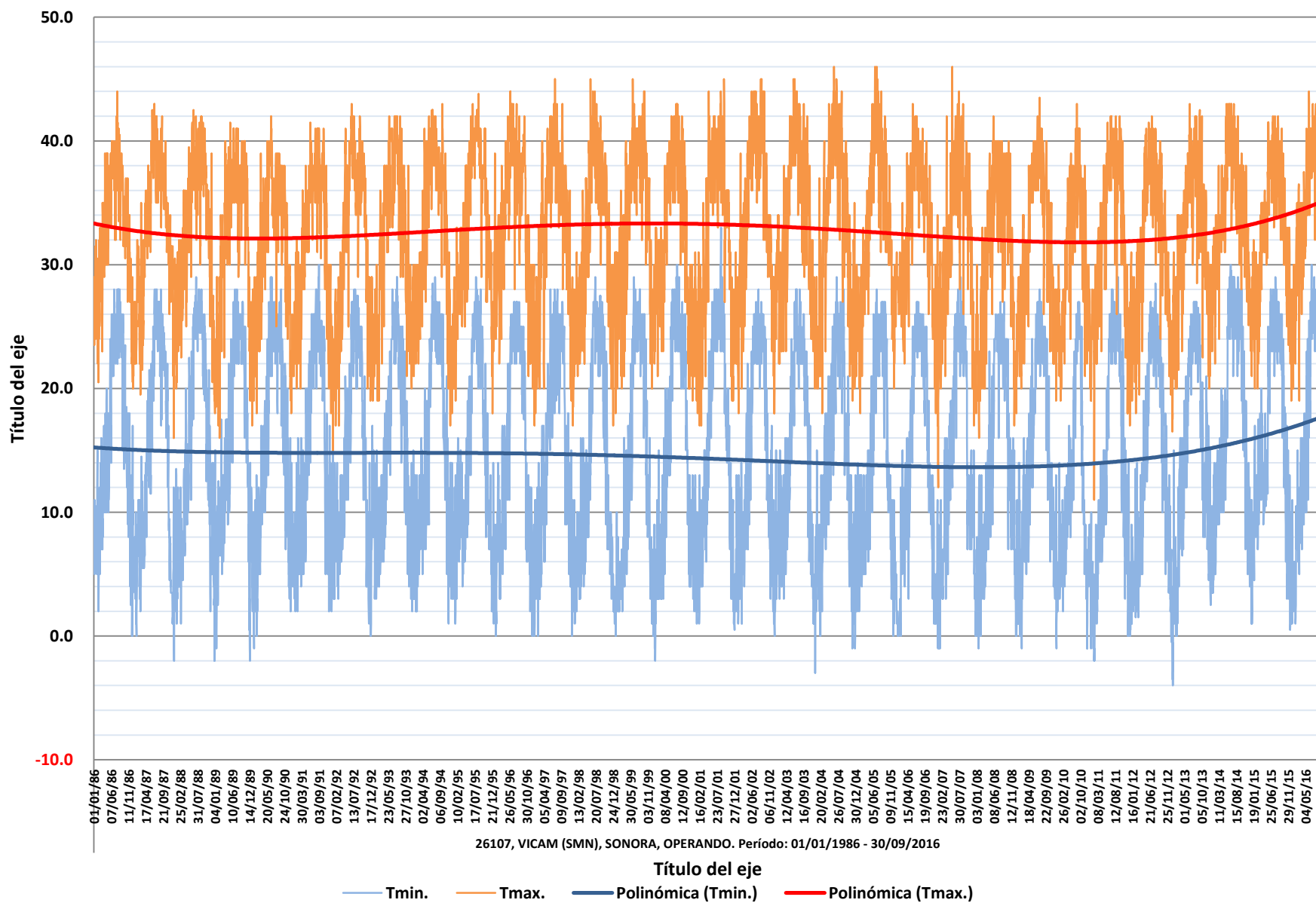
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ESTACIONES CLIMATOLÓGICAS

Registro Diario de Temperaturas Mínima y Máxima



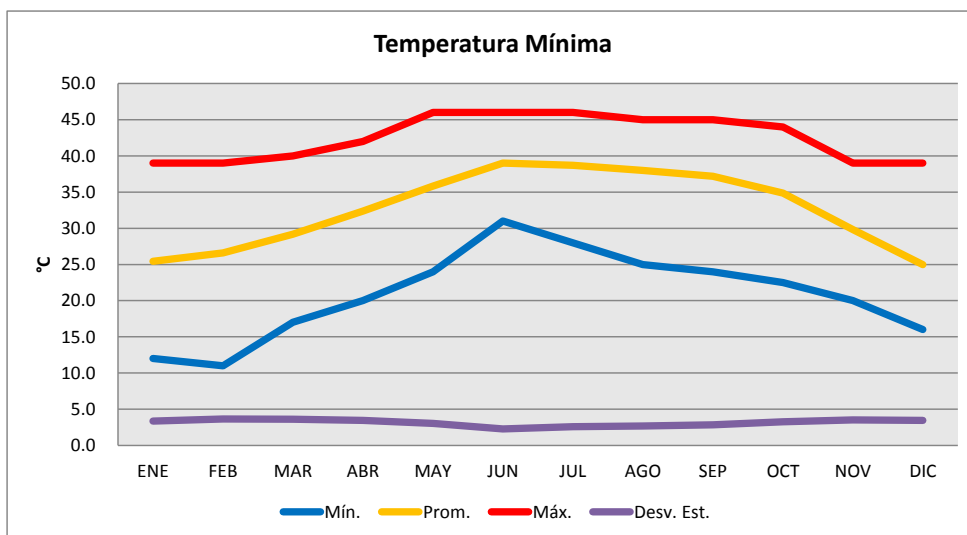
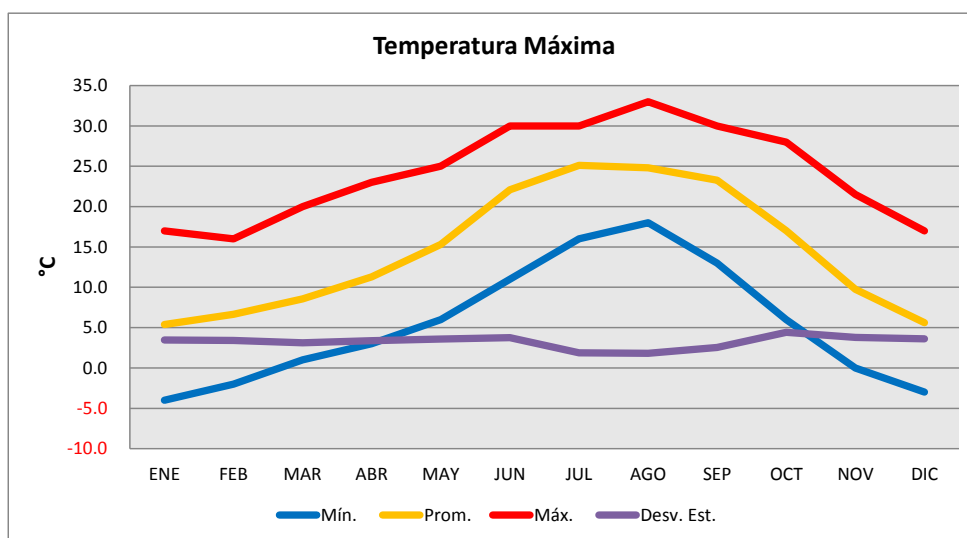


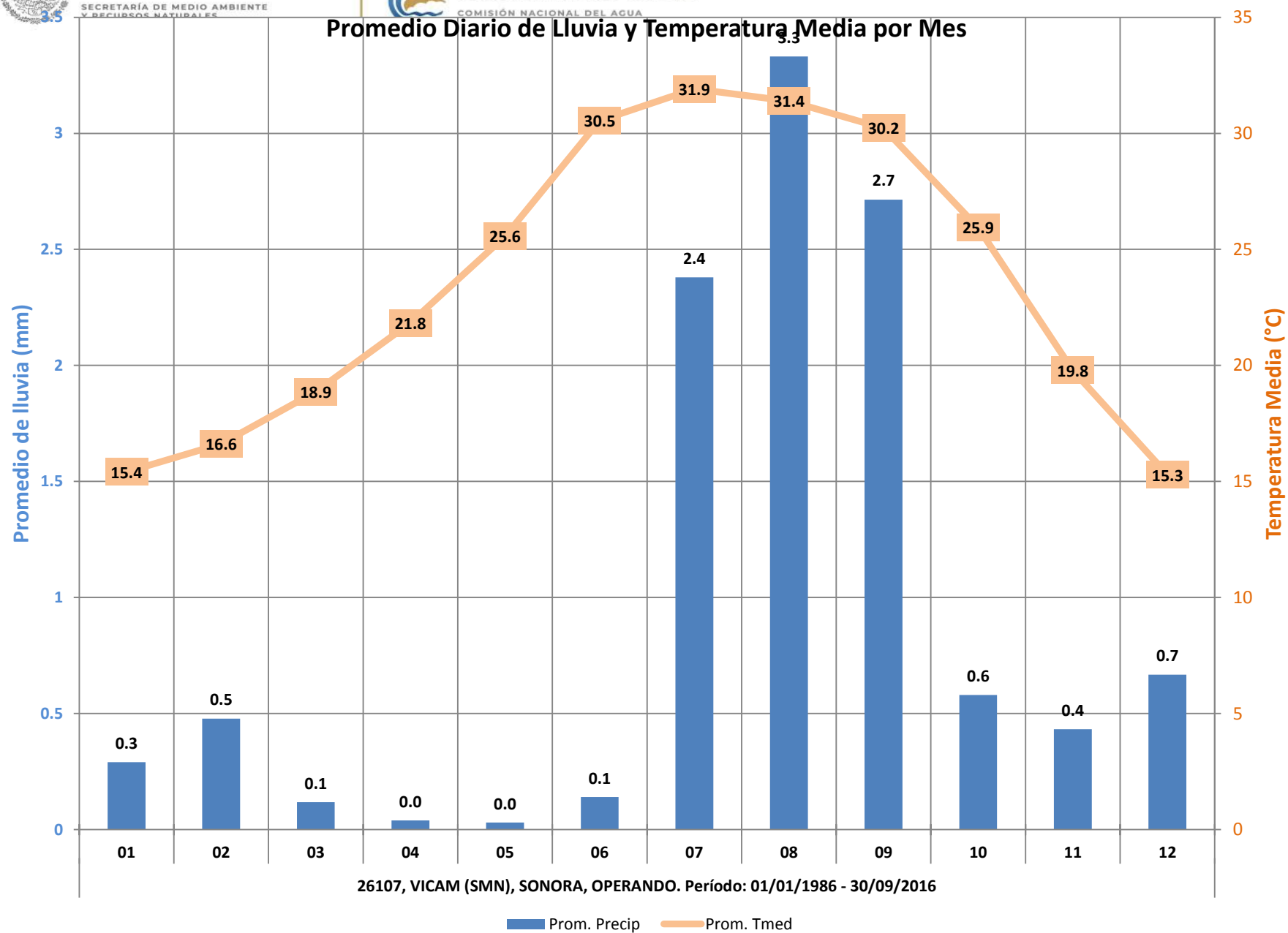
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NOMBRE	VICAM (SMN)
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Temp Min (°C)				
Mes	Mín.	Prom.	Máx.	Desv. Est.
ENE	-4.0	5.4	17.0	3.5
FEB	-2.0	6.6	16.0	3.4
MAR	1.0	8.6	20.0	3.1
ABR	3.0	11.3	23.0	3.4
MAY	6.0	15.3	25.0	3.6
JUN	11.0	22.1	30.0	3.8
JUL	16.0	25.1	30.0	1.9
AGO	18.0	24.8	33.0	1.8
SEP	13.0	23.3	30.0	2.5
OCT	6.0	17.0	28.0	4.4
NOV	0.0	9.8	21.5	3.8
DIC	-3.0	5.6	17.0	3.6
Total general	-4.0	14.6	33.0	8.1

Temp Max (°C)				
Mes	Mín.	Prom.	Máx.	Desv. Est.
ENE	12.0	25.4	39.0	3.4
FEB	11.0	26.6	39.0	3.7
MAR	17.0	29.2	40.0	3.6
ABR	20.0	32.4	42.0	3.5
MAY	24.0	35.8	46.0	3.0
JUN	31.0	39.0	46.0	2.3
JUL	28.0	38.7	46.0	2.6
AGO	25.0	38.0	45.0	2.7
SEP	24.0	37.2	45.0	2.8
OCT	22.5	34.9	44.0	3.3
NOV	20.0	29.8	39.0	3.5
DIC	16.0	25.0	39.0	3.5
Total general	11.0	32.7	46.0	6.0





Estacion 26107
 NOMBRE VICAM (SMN)
 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)
1980	1986	0.0	16.2	35.1	3.0	24.8	37.6	0.7	13.3	31.0	0.1	8.1	27.5
	1987	0.0	14.2	33.7	1.0	24.7	38.9	0.3	13.0	33.0	0.2	6.4	26.1
	1988	0.0	14.7	34.2	2.5	25.5	38.1	1.2	13.5	32.4	0.0	6.2	26.8
	1989	0.0	15.4	35.2	2.9	24.9	37.1	0.4	14.1	33.1	0.7	7.5	25.3
	1990	0.2	16.0	34.6	4.3	24.7	36.1	1.4	14.0	31.4	0.4	6.1	25.0
Total 1980		0.0	15.3	34.5	2.8	24.9	37.6	0.8	13.6	32.1	0.3	6.9	26.1
1990	1991	0.0	12.4	33.0	1.5	24.4	37.4	0.8	14.3	31.7	0.5	7.5	25.7
	1992	0.1	14.0	34.1	2.3	24.6	38.4	0.2	11.0	31.3	1.9	8.2	23.9
	1993	0.0	13.3	34.2	1.4	24.0	38.0	1.9	13.9	30.6	1.1	8.1	25.5
	1994	0.0	14.2	35.0	3.5	25.0	38.4	1.4	13.2	30.4	0.2	7.3	26.6
	1995	0.0	12.5	33.9	2.1	24.5	39.7	0.1	12.9	33.3	0.2	7.8	26.6
	1996	0.0	16.2	36.4	3.1	24.5	37.7	0.6	11.8	32.1	0.0	6.0	28.7
	1997	0.1	15.8	35.2	3.3	24.4	38.8	1.5	12.8	30.9	0.2	6.4	26.2
	1998	0.2	12.2	33.6	2.3	25.3	39.0	0.1	12.5	31.5	0.2	5.6	26.0
	1999	0.0	11.4	34.3	3.2	25.1	39.0	0.1	12.2	33.5	0.0	3.7	27.8
	2000	0.0	16.2	35.4	2.6	25.3	38.5	0.7	12.9	28.9	0.1	5.2	28.1
Total 1990		0.0	13.8	34.5	2.5	24.7	38.5	0.7	12.7	31.4	0.4	6.6	26.5
2000	2001	0.0	15.8	34.3	0.6	26.0	39.2	3.3	13.8	31.0	0.3	5.7	24.4
	2002	0.0	14.5	36.5	1.8	24.6	40.6	0.5	12.0	32.5	0.2	5.6	26.5
	2003	0.0	13.6	35.8	2.4	24.1	39.7	1.9	12.6	32.1	0.1	6.7	27.5
	2004	0.1	15.6	36.8	3.5	23.7	39.2	0.9	10.5	30.4	0.9	5.6	25.7
	2005	0.1	12.7	34.7	1.3	23.9	39.6	0.0	11.8	31.2	0.9	6.9	26.2
	2006	0.0	14.7	34.7	1.7	24.0	37.5	0.2	13.0	31.3	0.0	4.1	27.5
	2007	0.0	13.8	33.1	2.3	24.5	37.8	0.7	12.3	30.7	0.0	4.5	25.3
	2008	0.0	13.9	33.4	3.5	23.7	36.0	0.6	13.4	31.1	0.0	4.5	24.4
	2009	0.0	14.8	34.2	3.2	24.5	37.8	1.0	12.6	30.0	0.0	5.7	26.3
	2010	0.0	13.8	34.0	0.9	24.6	38.6	0.0	10.0	30.5	0.6	6.4	25.1
Total 2000		0.0	14.3	34.7	2.2	24.3	38.6	0.9	12.2	31.1	0.3	5.6	25.9
2010	2011	0.0	12.9	34.0	2.1	25.0	38.3	0.7	12.5	30.2	0.0	3.8	25.4
	2012	0.0	14.1	34.1	2.5	24.4	37.1	1.1	13.4	31.0	0.0	5.3	25.7
	2013	0.0	15.3	33.9	2.8	24.3	37.5	1.0	12.8	31.1	0.0	4.6	25.9
	2014	0.0	17.6	36.9	4.6	26.5	37.9	0.5	15.4	33.0	0.0	8.6	29.1
	2015	0.3	15.5	34.2	3.7	25.4	38.3	0.9	13.4	32.2	0.4	9.8	26.7
	2016	0.0	15.3	34.7	2.3	24.9	38.4	0.2	20.8	36.3	0.4	6.6	28.8
Total 2010		0.1	15.1	34.6	3.0	25.1	37.9	0.8	13.6	31.6	0.1	6.5	26.9
Total general		0.0	14.5	34.6	2.6	24.7	38.3	0.8	12.8	31.4	0.3	6.3	26.3



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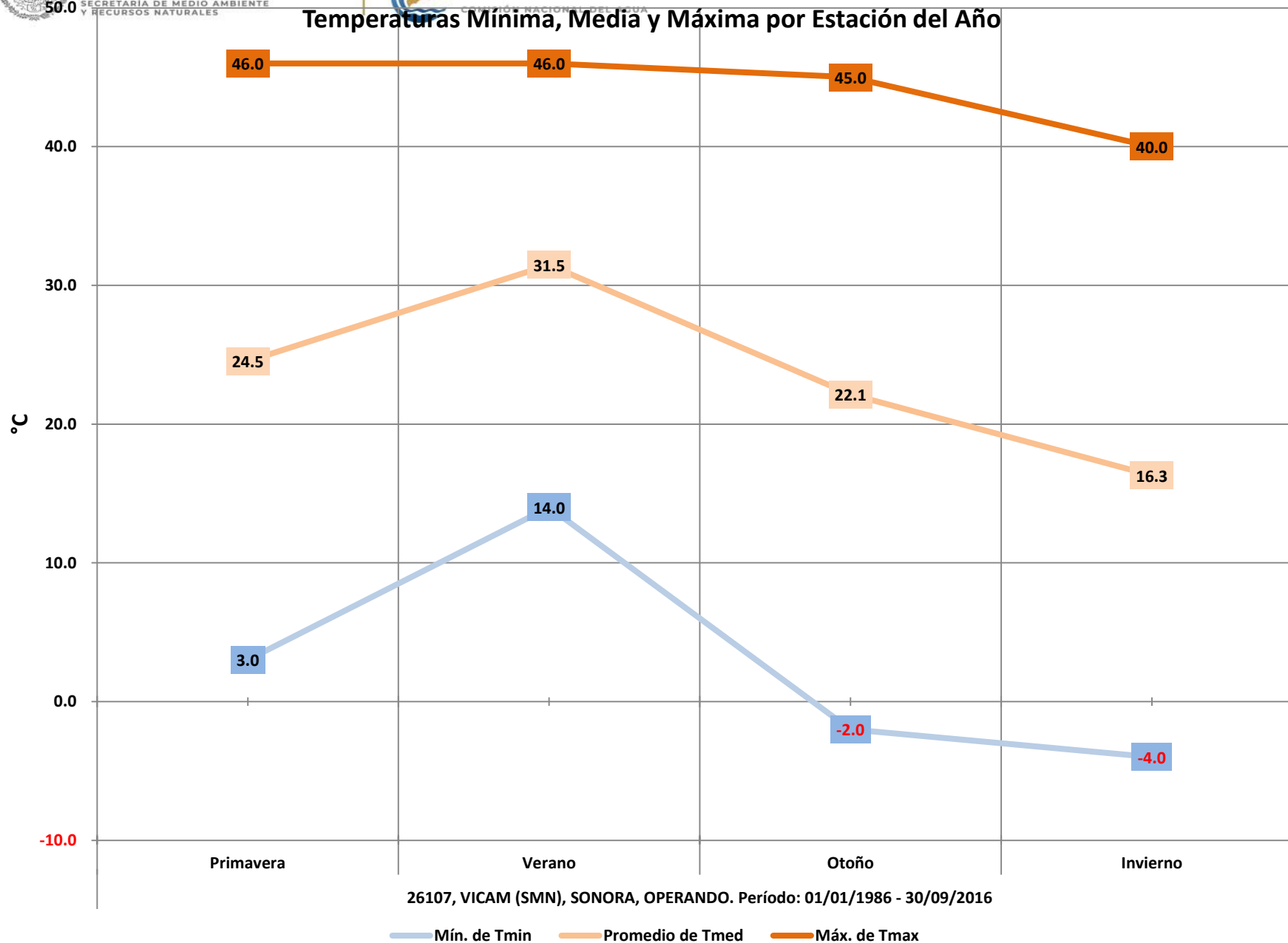


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SECRETARÍA DE MEDIO AMBIENTE
Y RECURSOS NATURALES

COMISIÓN NACIONAL DEL AGUA

Temperaturas Mínima, Media y Máxima por Estación del Año





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SECRETARÍA DE MEDIO AMBIENTE
Y RECURSOS NATURALES



CONAGUA
COMISIÓN NACIONAL DEL AGUA

Lluvia Promedio y Máxima, por Estación del Año

