



Datos de la Estación

ESTACIÓN:	26202
NOMBRE:	TEPACHE
ESTADO:	SONORA
MUNICIPIO:	TEPACHE
LATITUD (°):	29.5347
LONGITUD (°):	-109.5317
ALTURA (msn):	600
SITUACIÓN:	OPERANDO
DATOS DESDE:	1 de agosto de 1977
HASTA:	30 de abril de 2016

Inventario de Registros por Década Año

Estacion		26202					
		N°de Casos					
Década	Año	Lluvia	Temp min	Temp max	Temp amb	Evaporación	
1970	1977	153	153	153	153	153	
	1978	365	365	365	365	309	
	1979	365	365	365	365	281	
	1980	362	362	362	362	284	
	Total 1970	1,245	1,245	1,245	1,245	1,027	
1980	1981	365	365	365	365	243	
	1982	365	365	365	365	365	
	1983	365	365	365	365	364	
	1984	366	366	366	366	366	
	1985	365	365	365	365	362	
	1986	334	334	334	334	333	
	1987	365	365	365	365	364	
	1988	365	365	365	365	360	
	1989	365	364	364	364	365	
	1990	88	89	88	89	88	
	Total 1980	3,343	3,343	3,342	3,343	3,210	
1990	1992	275	275	275	275		
	1993	365	365	365	365		
	1994	365	365	365	365		
	1995	212	212	212	212		
	1996	31	31	31	31		
	1997	338	338	338	338		
	1998	334	273	303	273		
	2000	275	275	275	274		
	Total 1990	2,195	2,134	2,164	2,133		
2000	2001	365	365	365	351		
	2002	365	365	365	365		
	2003	365	365	365	365		
	2004	336	336	336	336		
	2005	334	334	334	334		
	2006	365	362	362	330		
	2007	365	363	363	363		
	2008	366	345	345	345		
	2009	365	365	365	365		
	2010	365	361	361	361		
	Total 2000	3,591	3,561	3,561	3,515		
2010	2011	323	308	308	308		
	2012	366	356	356	356		
	2013	360	350	350	258		
	2014	334	330	330	330		
	2015	365	361	361	361		
	2016	121	121	121	121		
	Total 2010	1,869	1,826	1,826	1,734		
Total general		12,243	12,109	12,138	11,970	4,237	

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Lluvia (mm)						
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1970	1977	0.0	0.9	36.5	4.6	
	1978	0.0	1.4	39.0	4.8	
	1979	0.0	1.1	58.2	5.1	
	1980	0.0	1.0	42.0	4.1	
Total 1970		0.0	1.1	58.2	4.7	
1980	1981	0.0	1.9	39.2	6.0	
	1982	0.0	1.4	42.0	5.0	
	1983	0.0	2.1	58.0	7.2	
	1984	0.0	2.1	55.5	6.9	
	1985	0.0	1.4	50.2	5.4	
	1986	0.0	2.3	62.7	8.1	
	1987	0.0	1.7	65.2	6.7	
	1988	0.0	1.0	40.0	4.0	
	1989	0.0	1.1	50.0	4.7	
	1990	0.0	0.6	16.0	2.4	
Total 1980		0.0	1.6	65.2	6.0	
1990	1992	0.0	1.3	54.0	4.9	
	1993	0.0	1.8	58.0	6.5	
	1994	0.0	1.5	74.0	6.0	
	1995	0.0	0.9	38.5	4.4	
	1996	0.0	0.0	0.0	0.0	
	1997	0.0	1.9	87.5	7.9	
	1998	0.0	2.1	107.5	9.1	
	2000	0.0	2.1	64.5	7.6	
Total 1990		0.0	1.7	107.5	6.9	
2000	2001	0.0	1.1	43.4	4.5	
	2002	0.0	1.2	34.6	4.9	
	2003	0.0	0.7	30.0	3.4	
	2004	0.0	1.9	92.4	8.0	
	2005	0.0	1.1	47.5	4.8	
	2006	0.0	1.2	44.0	4.8	
	2007	0.0	1.6	61.4	6.2	
	2008	0.0	1.1	40.0	4.2	
	2009	0.0	1.3	63.5	5.0	
	2010	0.0	1.2	53.0	5.1	
Total 2000		0.0	1.2	92.4	5.2	
2010	2011	0.0	1.5	85.0	7.3	
	2012	0.0	1.2	58.0	4.9	
	2013	0.0	1.1	50.0	5.3	
	2014	0.0	1.5	39.5	5.7	
	2015	0.0	2.4	73.5	8.5	
	2016	0.0	0.2	14.0	1.4	
Total 2010		0.0	1.4	85.0	6.3	
Total general		0.0	1.4	107.5	5.9	

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Evap (mm)						
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1970	1977	1.0	5.7	13.1	2.8	
	1978	0.2	5.9	14.4	3.0	
	1979	0.1	6.1	16.0	3.1	
	1980	0.5	6.3	17.0	2.9	
Total 1970		0.1	6.0	17.0	3.0	
1980	1981	0.5	5.3	16.0	3.1	
	1982	0.1	7.0	14.6	3.5	
	1983	0.1	5.8	14.6	3.3	
	1984	0.1	5.9	16.6	3.4	
	1985	0.2	6.0	14.7	3.3	
	1986	0.1	5.6	14.8	2.8	
	1987	0.5	6.2	15.8	3.3	
	1988	0.2	6.6	15.3	3.4	
	1989	0.1	6.8	17.2	3.5	
	1990	0.6	4.2	9.7	2.1	
Total 1980		0.1	6.1	17.2	3.3	
1990	1992					
	1993					
	1994					
	1995					
	1996					
	1997					
	1998					
	2000					
Total 1990						
2000	2001					
	2002					
	2003					
	2004					
	2005					
	2006					
	2007					
	2008					
	2009					
	2010					
Total 2000						
2010	2011					
	2012					
	2013					
	2014					
	2015					
	2016					
Total 2010						
Total general		0.1	6.1	17.2	3.2	

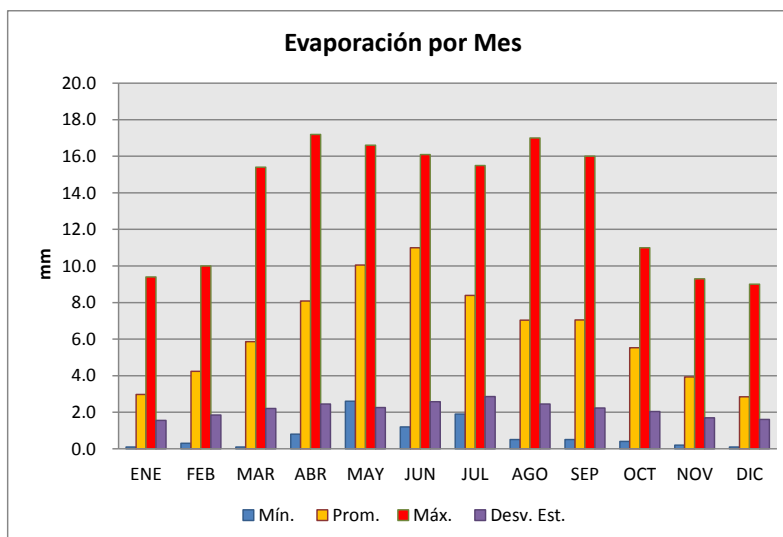
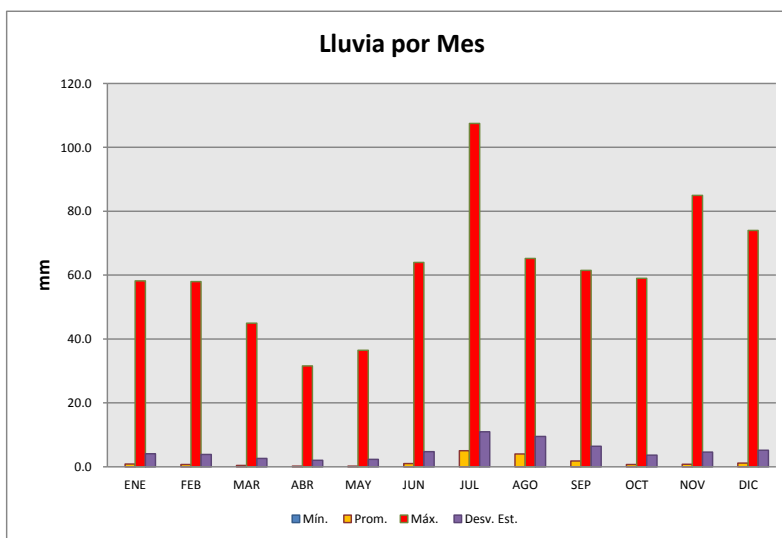


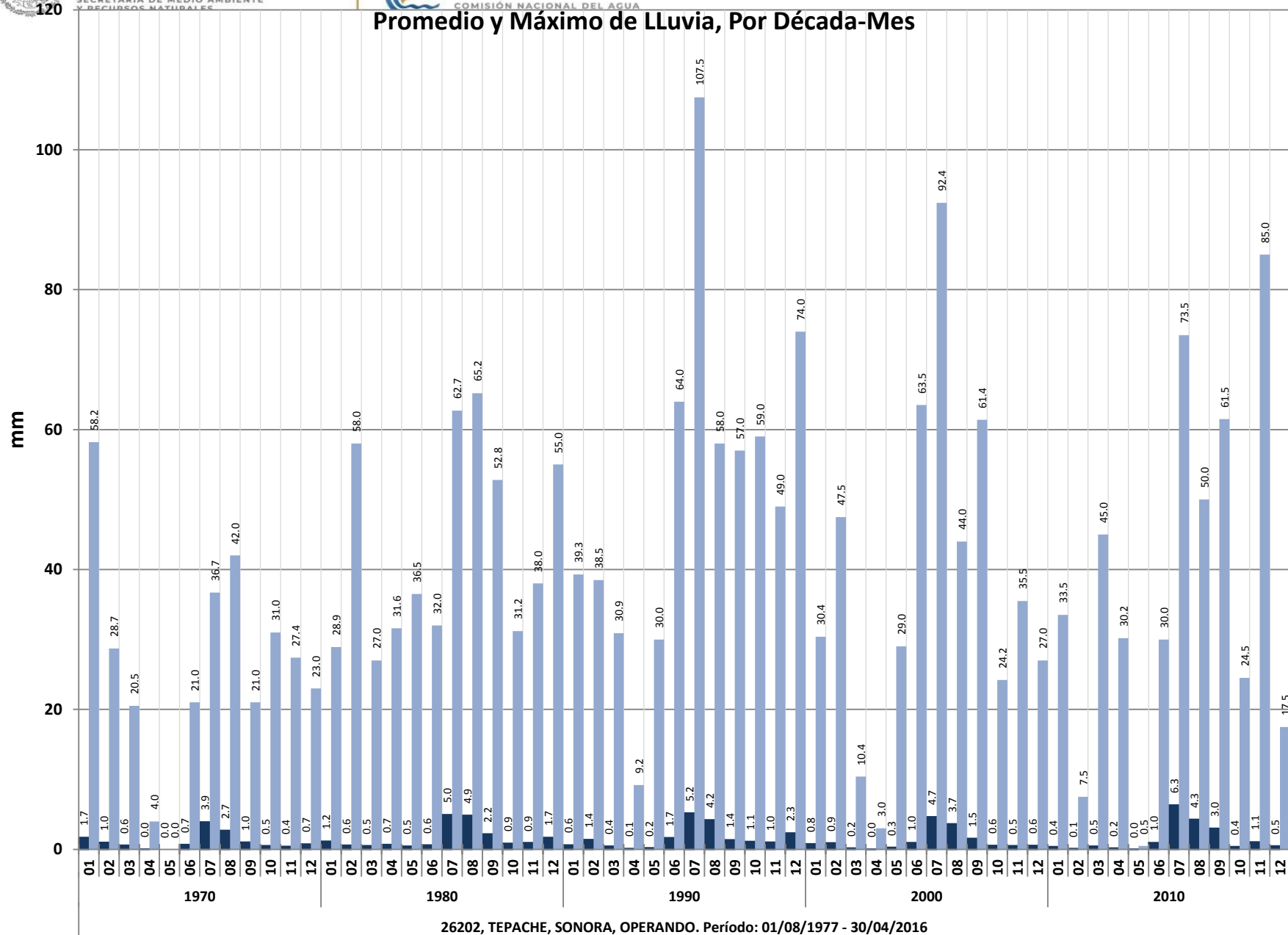
Estación	26202
NOMBRE	TEPACHE
ESTADO	SONORA

Estación	26202
NOMBRE	TEPACHE
ESTADO	SONORA

Lluvia (mm)				
Mes	Mín.	Prom.	Máx.	Desv. Est.
ENE	0.0	0.9	58.2	4.1
FEB	0.0	0.8	58.0	3.8
MAR	0.0	0.4	45.0	2.6
ABR	0.0	0.3	31.6	2.1
MAY	0.0	0.3	36.5	2.3
JUN	0.0	1.0	64.0	4.8
JUL	0.0	5.0	107.5	11.0
AGO	0.0	4.1	65.2	9.5
SEP	0.0	1.8	61.5	6.4
OCT	0.0	0.7	59.0	3.7
NOV	0.0	0.8	85.0	4.6
DIC	0.0	1.2	74.0	5.2
Total general	0.0	1.4	107.5	5.9

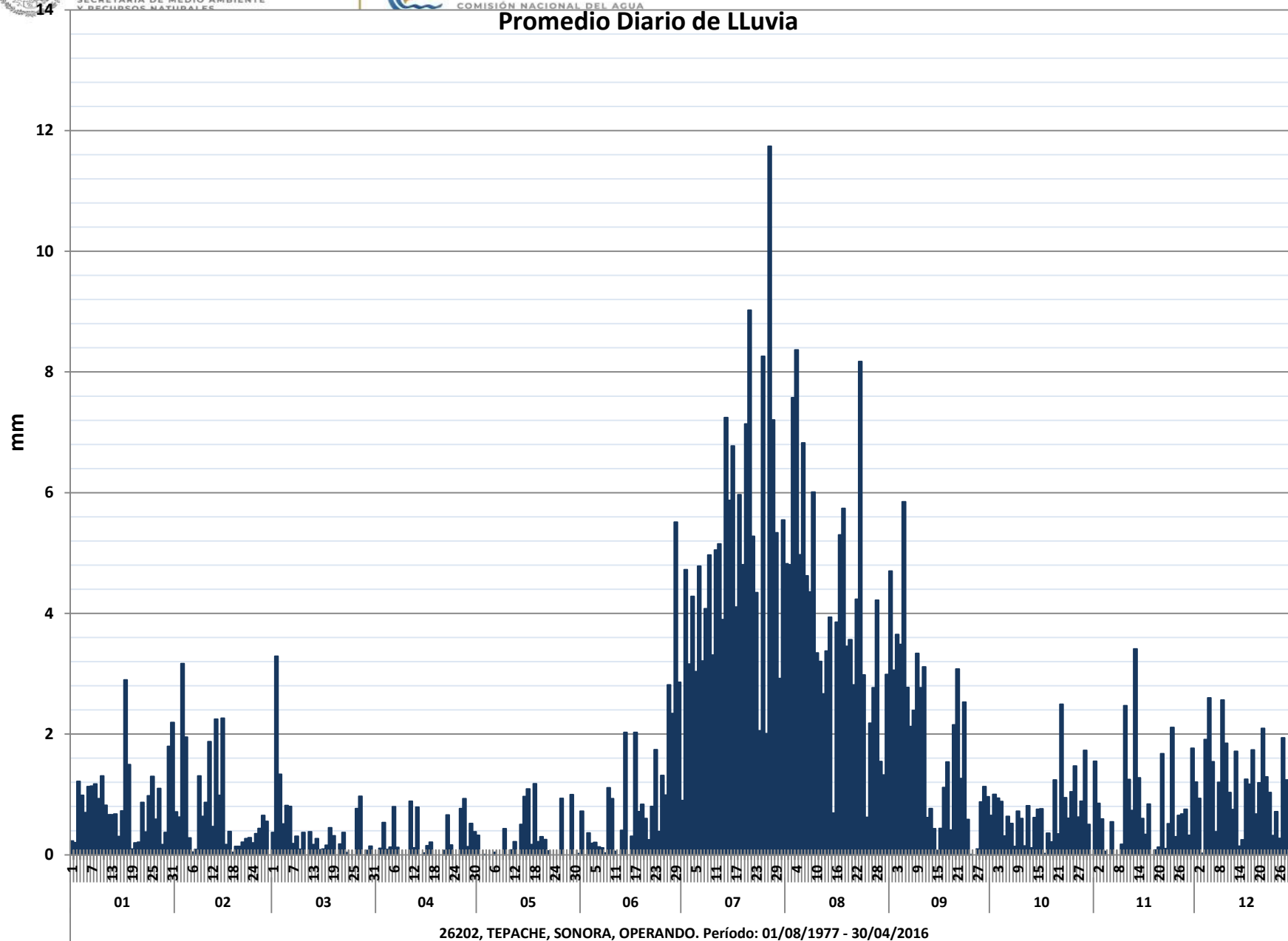
Evap (mm)				
Mes	Mín.	Prom.	Máx.	Desv. Est.
ENE	0.1	3.0	9.4	1.6
FEB	0.3	4.2	10.0	1.8
MAR	0.1	5.9	15.4	2.2
ABR	0.8	8.1	17.2	2.4
MAY	2.6	10.1	16.6	2.3
JUN	1.2	11.0	16.1	2.6
JUL	1.9	8.4	15.5	2.9
AGO	0.5	7.0	17.0	2.5
SEP	0.5	7.1	16.0	2.2
OCT	0.4	5.5	11.0	2.0
NOV	0.2	3.9	9.3	1.7
DIC	0.1	2.8	9.0	1.6
Total general	0.1	6.1	17.2	3.2



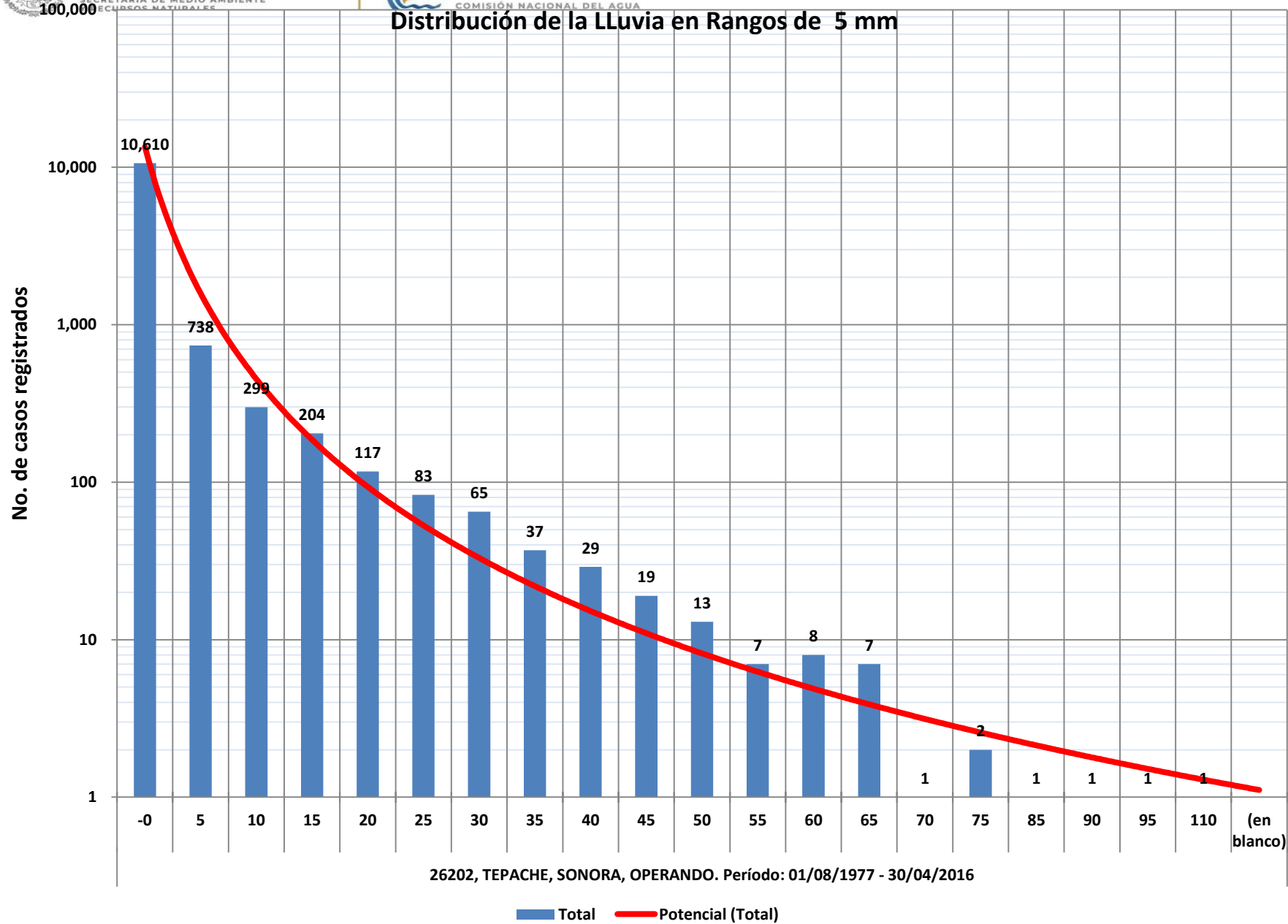




Promedio Diario de Lluvia



26202, TEPACHE, SONORA, OPERANDO. Período: 01/08/1977 - 30/04/2016



Estacion 26202
NOMBRE TEPACHE
ESTADO SONORA

Estacion 26202
NOMBRE TEPACHE
ESTADO SONORA

Temp Min (°C)						
Década	Año	Mín.	Prom.	Máx.	Desv.	Est.
1970	1977	1.0	13.8	27.0	7.1	
	1978	0.0	11.5	28.0	6.7	
	1979	-3.0	12.6	26.0	7.5	
	1980	2.0	14.9	30.0	7.8	
Total 1970		-3.0	13.1	30.0	7.4	
1980	1981	-1.0	13.8	27.0	7.0	
	1982	-2.0	13.0	27.0	7.1	
	1983	-1.5	12.5	28.0	7.1	
	1984	-0.5	13.2	27.0	7.3	
	1985	-3.0	12.6	25.5	7.4	
	1986	0.0	12.9	27.0	7.2	
	1987	-4.5	12.6	27.0	7.7	
	1988	-4.5	12.9	29.0	7.7	
	1989	-2.5	13.4	26.0	7.3	
	1990	-2.0	4.9	13.0	3.3	
Total 1980		-4.5	12.8	29.0	7.4	
1990	1992	0.0	15.7	27.0	6.1	
	1993	2.0	14.0	27.0	6.5	
	1994	-1.0	13.9	29.0	7.7	
	1995	1.0	12.3	26.0	7.0	
	1996	0.0	2.5	8.0	2.0	
	1997	-3.0	14.0	26.0	7.7	
	1998	2.0	13.9	26.0	7.2	
	2000	3.0	17.4	27.0	6.3	
Total 1990		-3.0	14.3	29.0	7.2	
2000	2001	-2.0	14.4	27.0	7.6	
	2002	0.0	14.7	30.0	7.5	
	2003	2.0	15.2	30.0	7.2	
	2004	0.0	14.9	28.0	7.4	
	2005	3.0	15.6	29.0	6.9	
	2006	-3.0	14.9	29.0	7.6	
	2007	-2.0	14.7	27.0	7.3	
	2008	1.0	14.7	27.0	6.8	
	2009	0.0	15.0	28.0	7.1	
	2010	2.0	14.3	28.0	7.8	
Total 2000		-3.0	14.8	30.0	7.3	
2010	2011	-4.0	15.8	29.0	7.3	
	2012	2.0	15.6	29.0	7.4	
	2013	-3.0	16.2	30.0	7.8	
	2014	0.0	16.6	29.0	7.4	
	2015	-3.0	16.6	29.0	7.0	
	2016	-2.0	10.0	19.0	4.2	
Total 2010		-4.0	15.8	30.0	7.4	
Total general		-4.5	14.1	30.0	7.4	

Temp Max (°C)						
Década	Año	Mín.	Prom.	Máx.	Desv.	Est.
1970	1977	18.0	29.1	42.0	6.1	
	1978	10.0	28.5	43.0	7.0	
	1979	7.0	27.2	43.0	7.5	
	1980	11.0	29.6	45.0	7.6	
Total 1970		7.0	28.5	45.0	7.3	
1980	1981	9.0	29.6	42.0	6.0	
	1982	8.0	30.1	44.0	6.9	
	1983	11.0	28.5	43.5	7.1	
	1984	8.0	29.2	43.0	6.4	
	1985	10.0	29.2	42.5	7.1	
	1986	13.5	29.3	41.0	6.2	
	1987	9.5	30.0	44.0	7.2	
	1988	10.0	30.6	43.0	6.5	
	1989	11.0	31.3	44.5	7.0	
	1990	13.0	23.5	37.0	5.1	
Total 1980		8.0	29.6	44.5	6.8	
1990	1992	18.0	34.1	45.0	6.1	
	1993	13.0	31.0	47.0	7.9	
	1994	11.0	32.0	48.0	7.8	
	1995	15.0	32.3	46.0	7.8	
	1996	19.0	25.8	30.0	3.2	
	1997	12.0	32.6	47.0	8.2	
	1998	15.0	31.6	46.0	7.0	
	2000	18.0	34.8	45.0	6.8	
Total 1990		11.0	32.4	48.0	7.5	
2000	2001	12.0	32.4	45.0	8.1	
	2002	10.0	33.2	48.0	7.9	
	2003	16.0	33.6	47.0	7.4	
	2004	12.0	32.2	46.0	8.4	
	2005	11.0	34.1	47.0	7.3	
	2006	15.0	33.8	47.0	6.5	
	2007	14.0	33.0	46.0	7.4	
	2008	15.0	33.4	46.0	6.5	
	2009	18.0	33.4	45.0	6.6	
	2010	14.0	32.7	46.0	7.3	
Total 2000		10.0	33.2	48.0	7.4	
2010	2011	15.0	34.9	46.0	6.7	
	2012	14.0	33.7	46.0	6.8	
	2013	13.0	32.9	47.0	7.5	
	2014	18.0	33.2	48.0	5.8	
	2015	13.0	32.1	45.0	6.5	
	2016	12.0	29.5	38.0	5.6	
Total 2010		12.0	33.1	48.0	6.7	
Total general		7.0	31.6	48.0	7.4	



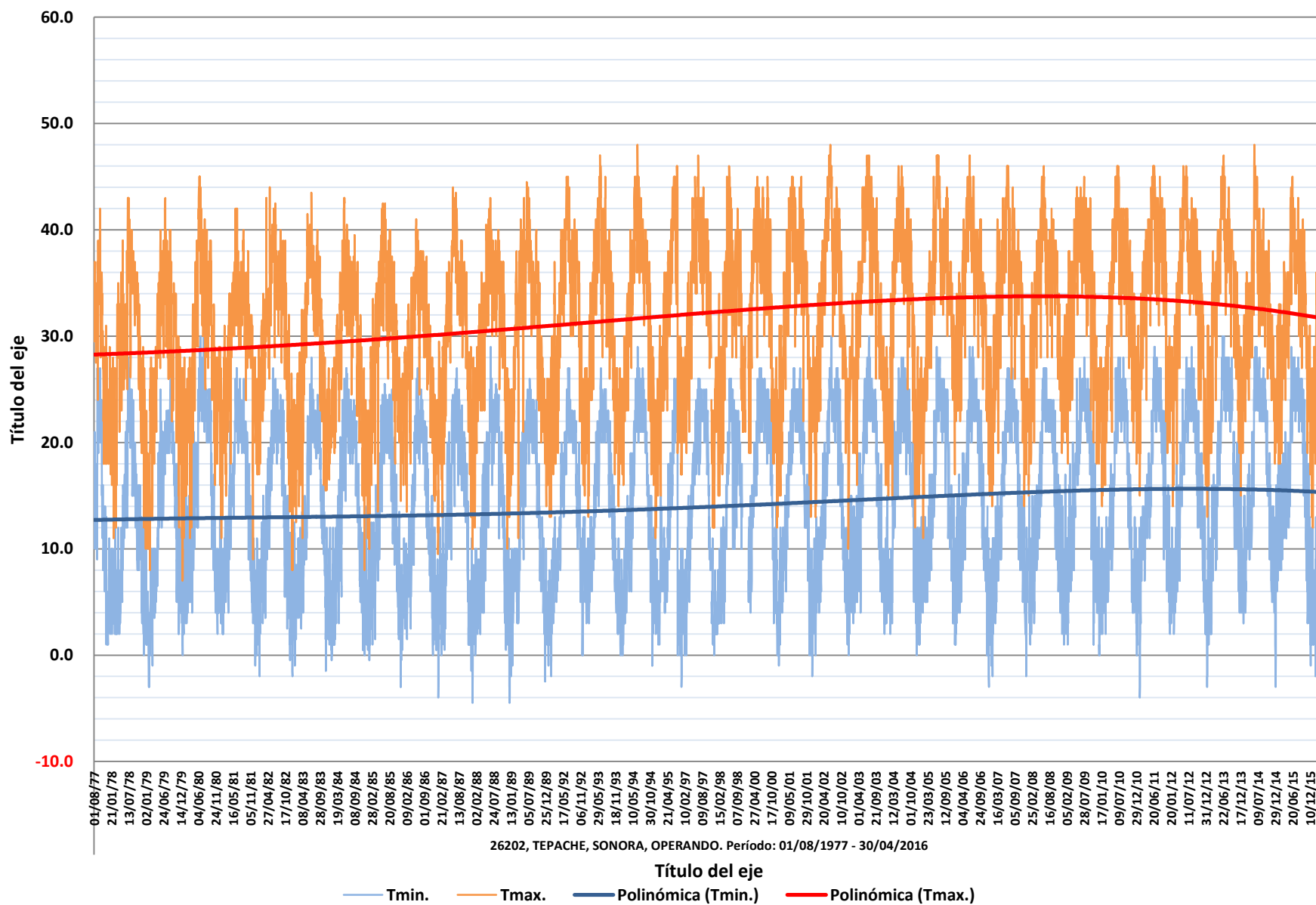
SEMARNAT
SECRETARÍA DE MEDIO AMBIENTE
Y RECURSOS NATURALES



CONAGUA
COMISIÓN NACIONAL DEL AGUA

ESTACIONES CLIMATOLÓGICAS

Registro Diario de Temperaturas Mínima y Máxima



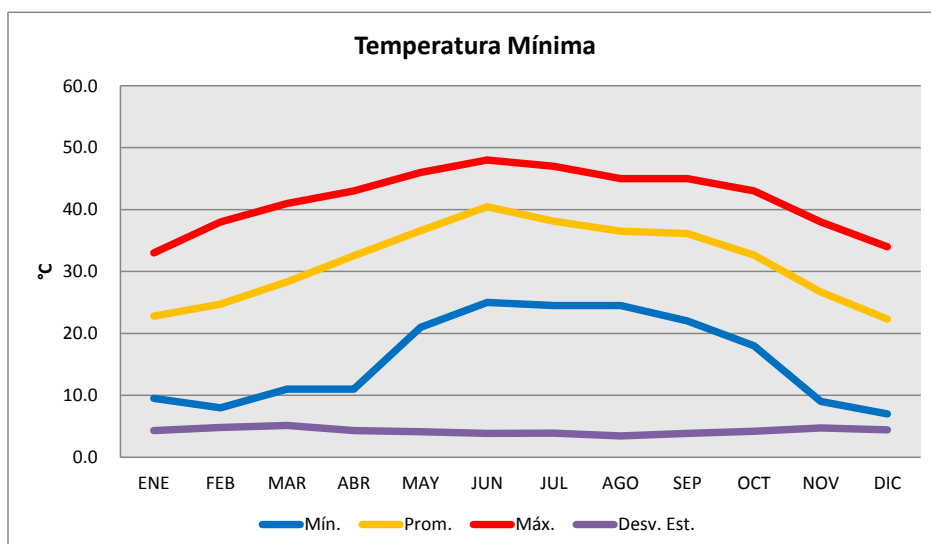
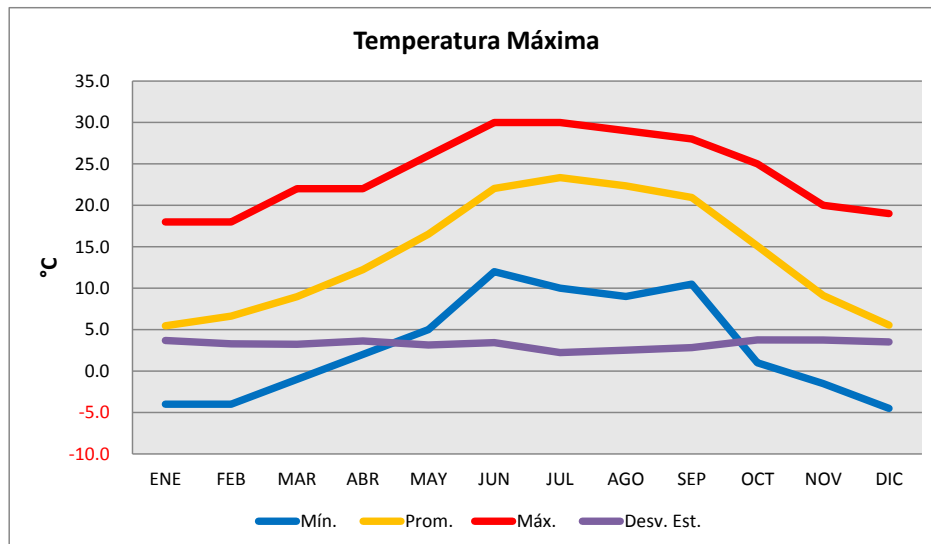


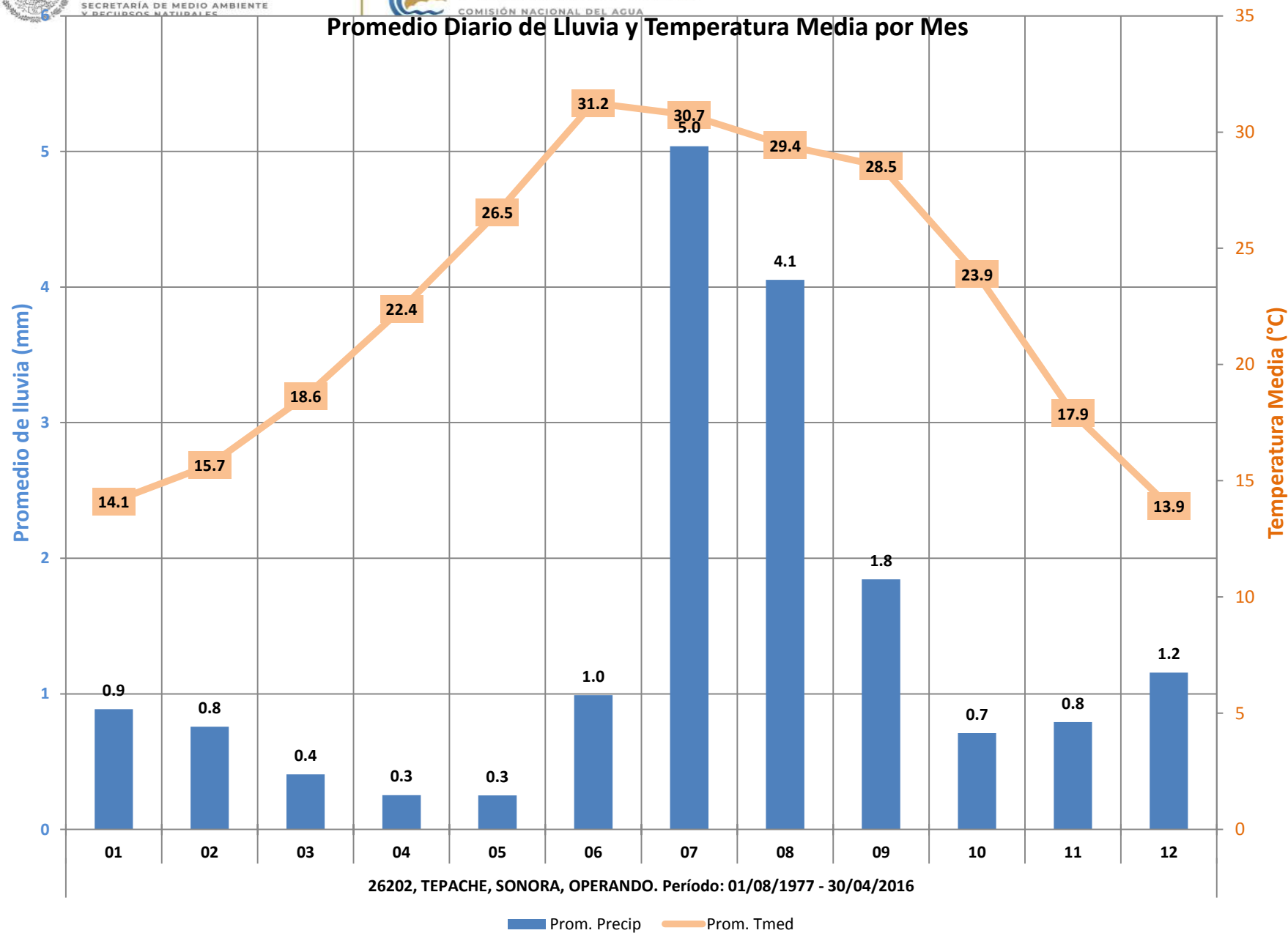
Estacion	26202
NOMBRE	TEPACHE
ESTADO	SONORA

Estacion	26202
NOMBRE	TEPACHE
ESTADO	SONORA

Temp Min (°C)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE	-4.0	5.5	18.0	3.7	
FEB	-4.0	6.6	18.0	3.3	
MAR	-1.0	9.0	22.0	3.2	
ABR	2.0	12.2	22.0	3.6	
MAY	5.0	16.5	26.0	3.2	
JUN	12.0	22.0	30.0	3.4	
JUL	10.0	23.4	30.0	2.2	
AGO	9.0	22.4	29.0	2.5	
SEP	10.5	21.0	28.0	2.8	
OCT	1.0	15.1	25.0	3.8	
NOV	-1.5	9.1	20.0	3.7	
DIC	-4.5	5.5	19.0	3.5	
Total general	-4.5	14.1	30.0	7.4	

Temp Max (°C)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE		9.5	22.8	33.0	4.3
FEB		8.0	24.7	38.0	4.8
MAR		11.0	28.3	41.0	5.1
ABR		11.0	32.5	43.0	4.3
MAY		21.0	36.6	46.0	4.1
JUN		25.0	40.5	48.0	3.8
JUL		24.5	38.1	47.0	3.9
AGO		24.5	36.5	45.0	3.4
SEP		22.0	36.1	45.0	3.9
OCT		18.0	32.7	43.0	4.2
NOV		9.0	26.7	38.0	4.7
DIC		7.0	22.3	34.0	4.4
Total general	7.0	31.6	48.0	7.4	





Estación	26202
NOMBRE	TEPACHE
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)
1970	1977				2.0	17.7	33.6	0.5	12.5	27.6	0.0	6.3	20.2
	1978	0.0	10.2	30.1	2.7	20.3	35.9	1.2	10.1	26.8	1.8	5.4	21.0
	1979	0.2	13.2	30.3	2.5	21.1	33.8	0.1	11.7	26.1	1.5	4.1	18.6
	1980	0.1	16.3	32.2	3.0	23.8	36.0	0.1	12.1	27.9	0.6	7.1	22.2
	Total 1970	0.1	13.2	30.9	2.6	21.1	35.0	0.5	11.6	27.1	1.2	5.6	20.6
1980	1981	0.4	15.9	32.3	5.2	21.9	34.5	0.5	10.8	28.5	1.5	6.4	22.7
	1982	0.0	14.4	33.5	3.6	21.4	35.9	1.4	10.5	27.6	0.5	5.6	23.3
	1983	0.3	12.2	30.8	4.6	21.3	35.4	1.7	10.4	26.1	1.8	5.8	21.5
	1984	0.6	15.5	33.4	4.9	21.4	34.0	2.0	10.3	25.3	0.9	5.6	23.8
	1985	0.9	14.4	33.0	2.9	21.5	35.5	0.9	8.9	26.2	0.7	5.5	22.0
	1986	0.5	15.8	34.0	5.3	21.2	34.5	2.1	9.4	25.9	0.7	6.0	24.3
	1987	1.2	14.0	32.5	3.6	21.1	36.7	1.3	10.8	28.7	0.8	4.3	22.1
	1988	0.0	14.3	34.1	2.7	22.0	35.8	0.8	10.9	28.4	0.4	4.3	24.0
	1989	0.3	15.0	35.2	3.1	22.3	36.4	0.4	10.3	28.6	0.7	5.7	24.9
	1990	0.0	10.9	30.8							0.6	4.2	22.6
	Total 1980	0.5	14.5	33.1	4.0	21.6	35.4	1.2	10.3	27.3	0.9	5.4	23.1
1990	1992	0.5	14.7	34.6	2.8	22.0	37.8	0.2	11.3	31.2	1.2	7.3	24.5
	1993	0.1	14.8	36.0	4.3	21.9	37.4	0.9	11.3	28.0	1.9	7.7	22.6
	1994	0.3	15.7	36.2	3.1	23.2	39.5	1.9	10.9	28.2	0.6	5.6	23.9
	1995	0.0	12.6	34.6	2.4	22.9	41.8				1.2	6.5	24.7
	1996										0.0	2.5	25.8
	1997	1.4	15.5	35.7	3.4	22.7	39.8	1.8	11.3	29.6	0.7	5.7	24.3
	1998	1.1	12.5	33.7	5.5	20.6	37.7	0.6	17.7	30.4	0.7	5.1	23.8
2000	2000	0.5	16.8	37.8	4.3	22.8	38.2	1.8	13.6	28.0	0.8	9.1	29.3
	Total 1990	0.5	14.8	35.6	3.8	22.2	38.6	1.2	12.2	29.1	1.0	6.1	24.2
2000	2001	0.2	16.2	37.5	3.3	23.0	38.8	0.3	12.4	30.3	0.6	5.7	22.8
	2002	0.0	16.4	38.3	3.5	23.7	39.6	0.3	11.6	29.8	1.1	6.7	24.7
	2003	0.3	15.9	37.4	1.8	23.9	41.0	0.3	12.2	30.2	0.5	8.6	25.8
	2004	0.2	19.0	39.8	4.8	22.8	38.7	1.3	11.6	28.1	0.7	7.4	24.4
	2005	0.3	14.8	35.9	2.2	23.6	40.3	0.0	14.2	34.5	1.8	8.5	24.2
	2006	0.1	16.9	38.4	4.0	23.4	38.1	0.6	12.0	31.2	0.2	7.0	27.4
	2007	0.1	16.0	36.5	4.8	23.5	38.5	1.2	12.5	31.2	0.4	6.4	25.8
	2008	0.3	15.4	37.3	3.4	22.9	37.3	0.3	13.1	32.2	0.2	7.1	26.1
	2009	0.4	16.1	36.7	3.4	23.4	39.0	1.1	12.3	29.9	0.3	7.9	27.8
	2010	0.0	15.1	35.8	3.4	24.2	39.1	0.3	11.6	32.1	1.0	6.1	23.8
	Total 2000	0.2	16.1	37.3	3.5	23.5	39.1	0.6	12.3	30.9	0.7	7.1	25.3
2010	2011	0.0	16.3	37.5	4.3	24.4	39.8	1.7	14.3	32.6	0.0	6.8	28.1
	2012	0.1	17.0	38.2	4.3	24.1	38.3	0.2	14.3	32.7	0.2	6.9	25.9
	2013	0.0	18.1	37.1	3.6	25.2	39.3	0.5	13.7	29.2	0.1	7.1	25.1
	2014	0.0	18.8	37.3	4.9	24.6	37.0	0.4	14.5	31.3	0.0	9.1	28.4
	2015	0.5	17.4	35.0	6.1	24.4	37.4	1.5	13.6	30.0	1.4	10.4	25.6
	2016	0.0	13.6	32.0							0.3	8.1	28.3
Total 2010		0.1	17.1	36.5	4.7	24.6	38.3	0.8	14.1	31.1	0.4	8.1	26.8
Total general		0.3	15.3	35.1	3.8	22.6	37.5	0.9	11.9	29.2	0.8	6.5	24.3



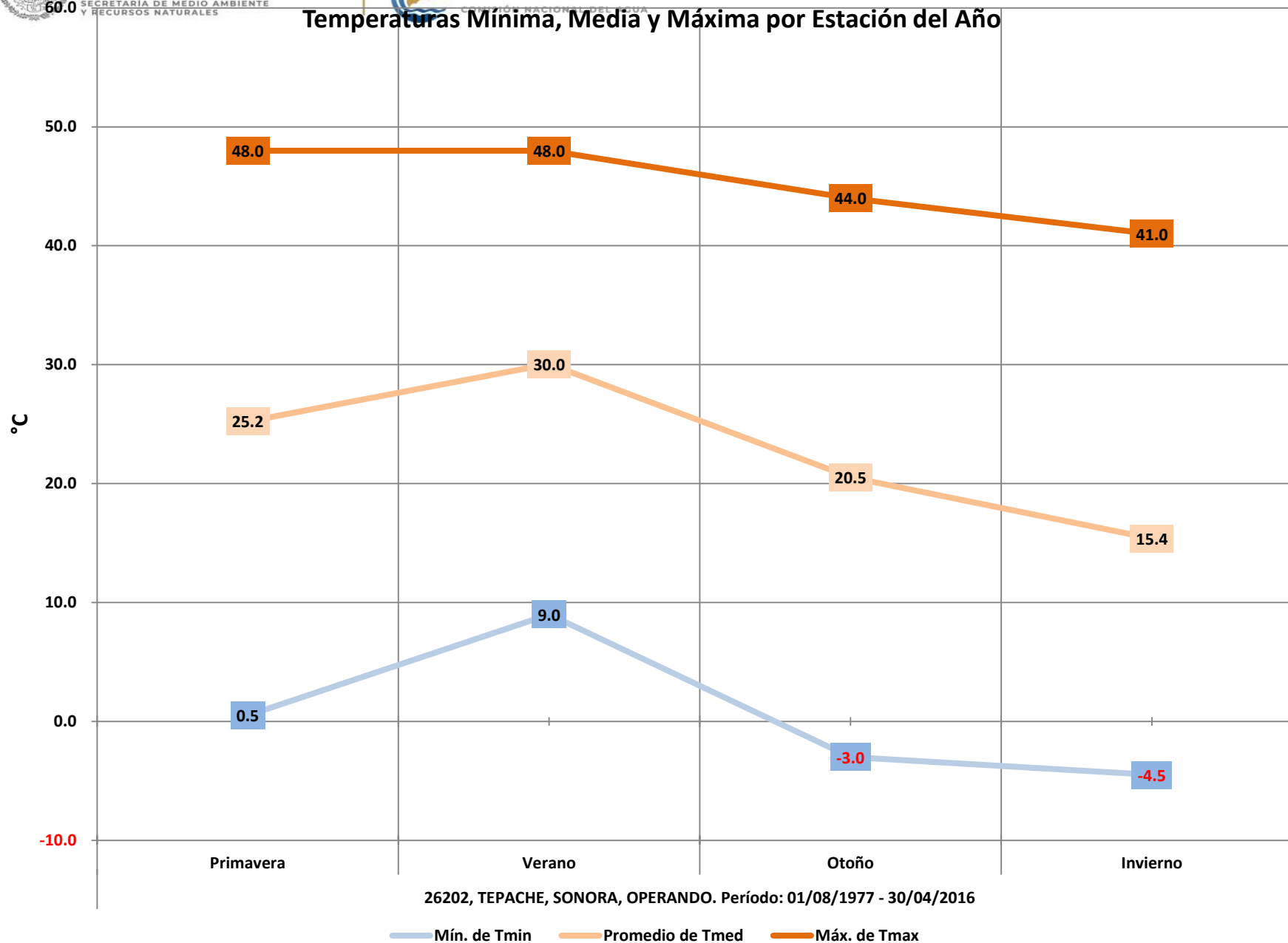
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