



## Datos de la Estación

ESTACIÓN:	<b>26177</b>
NOMBRE:	FRANCISCO (FFCC)
ESTADO:	SONORA
MUNICIPIO:	GUAYMAS
LATITUD (°):	27.9833
LONGITUD (°):	-110.9667
ALTURA (msn):	7
SITUACIÓN:	OPERANDO
DATOS DESDE:	1 de marzo de 1973
HASTA:	31 de marzo de 2016

## Inventario de Registros por Década Año

Estacion	26177					
N°de Casos						
Decada	Año	Lluvia	Temp min	Temp max	Temp amb	Evaporación
1970	1973	159	159	159		
	1974	229	275	275		
	1975	228	304	304		
	1976	309	309	309		
	1977	255	255	255		
	1978	230	230	230		
Total 1970		1,410	1,532	1,532		
2000	2001	333	334	334	332	112
	2002	224	220	222	219	96
	2003	365	361	361	361	
	2004	366	360	361	360	49
	2005	365	361	361	359	140
	2006	365	358	359	358	244
	2007	365	365	365	364	129
	2008	366	360	360	360	
	2009	335	334	334	327	
	2010	365	354	352	353	53
Total 2000		3,449	3,407	3,409	3,393	823
2010	2011	365	356	359	357	
	2012	365	358	357	358	
	2013	365	365	365	365	
	2014	365	362	362	361	
	2015	365	343	344	342	
	2016	91	90	90	90	
Total 2010		1,916	1,874	1,877	1,873	
Total general		6,775	6,813	6,818	5,266	823

Estacion	26177
NOMBRE	FRANCISCO (FFCC)
ESTADO	SONORA

		Lluvia (mm)				
Década	Año	Mín.	Prom.	Máx.	Desv.	Est.
<b>1970</b>	1973	0.0	0.0	0.0	0.0	0.0
	1974	0.0	0.0	0.0	0.0	0.0
	1975	0.0	0.0	0.0	0.0	0.0
	1976	0.0	0.0	0.0	0.0	0.0
	1977	0.0	0.0	0.0	0.0	0.0
	1978	0.0	0.0	0.0	0.0	0.0
<b>Total 1970</b>		<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>
<b>2000</b>	2001	0.0	1.3	180.0	12.2	
	2002	0.0	0.7	33.0	3.4	
	2003	0.0	0.8	71.0	5.7	
	2004	0.0	1.3	64.0	6.3	
	2005	0.0	0.8	37.0	4.1	
	2006	0.0	0.8	93.0	5.8	
	2007	0.0	1.0	96.0	6.6	
	2008	0.0	0.7	37.0	3.5	
	2009	0.0	0.3	31.0	2.1	
	2010	0.0	0.6	31.0	3.2	
<b>Total 2000</b>		<b>0.0</b>	<b>0.8</b>	<b>180.0</b>	<b>6.0</b>	
<b>2010</b>	2011	0.0	0.2	27.0	2.0	
	2012	0.0	0.4	24.0	2.5	
	2013	0.0	0.5	32.0	3.1	
	2014	0.0	0.8	50.0	4.4	
	2015	0.0	1.0	48.0	5.4	
	2016	0.0	0.0	4.0	0.4	
<b>Total 2010</b>		<b>0.0</b>	<b>0.6</b>	<b>50.0</b>	<b>3.6</b>	
<b>Total general</b>		<b>0.0</b>	<b>0.6</b>	<b>180.0</b>	<b>4.7</b>	

Estacion	26177
NOMBRE	FRANCISCO (FFCC)
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		Evap (mm)				
Década	Año	Mín.	Prom.	Máx.	Desv.	Est.
<b>1970</b>	1973					
	1974					
	1975					
	1976					
	1977					
	1978					
<b>Total 1970</b>						
<b>2000</b>	2001	0.6	6.0	11.9	2.7	
	2002	0.4	8.6	17.1	2.8	
	2003					
	2004	4.1	9.5	14.9	2.4	
	2005	0.8	8.1	16.7	3.0	
	2006	0.4	8.8	17.9	3.4	
	2007	3.5	10.2	16.7	2.8	
	2008					
	2009					
	2010	0.1	8.0	12.4	2.7	
<b>Total 2000</b>		<b>0.1</b>	<b>8.5</b>	<b>17.9</b>	<b>3.2</b>	
<b>2010</b>	2011					
	2012					
	2013					
	2014					
	2015					
	2016					
<b>Total 2010</b>						
<b>Total general</b>		<b>0.1</b>	<b>8.5</b>	<b>17.9</b>	<b>3.2</b>	

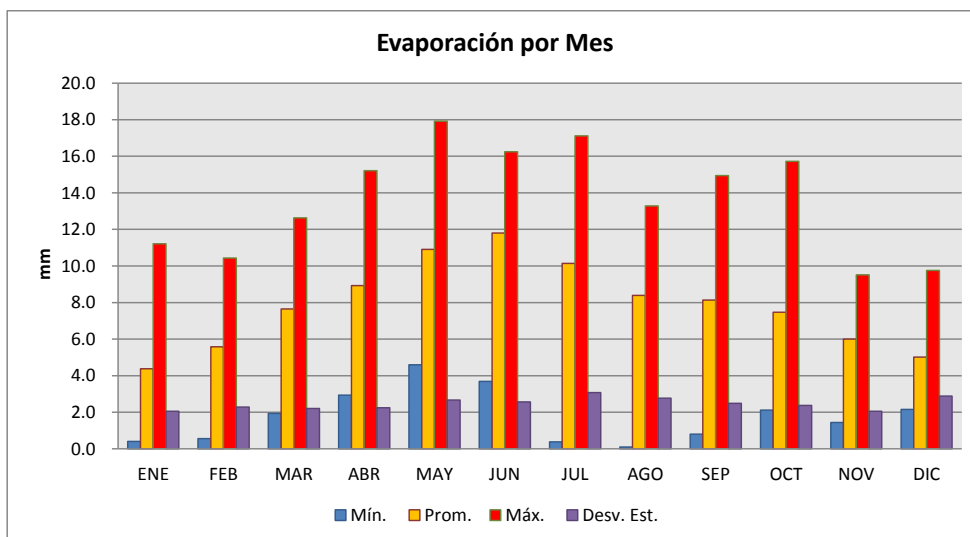
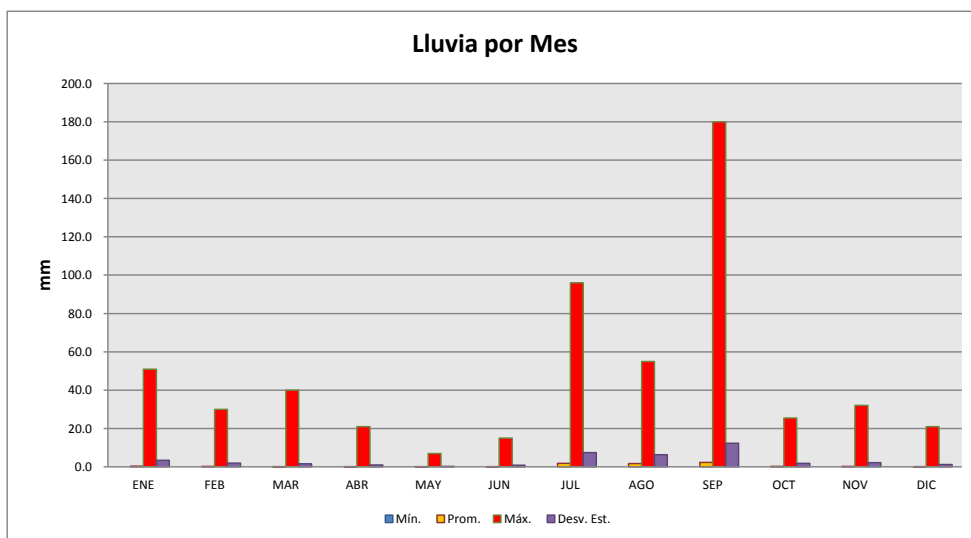


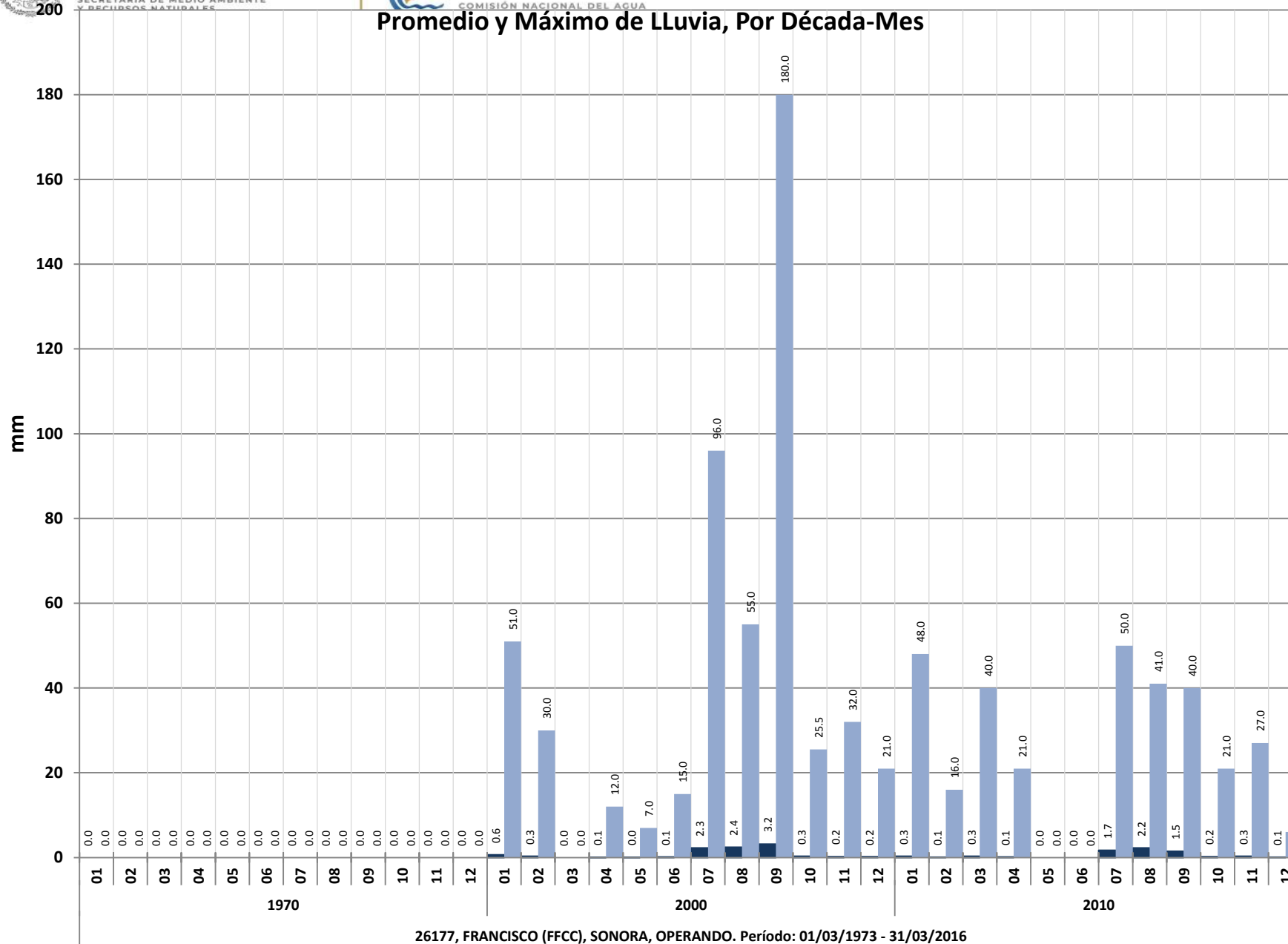
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Estación	26177
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ESTADO	SONORA

Lluvia (mm)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE	0.0	0.4	51.0	3.5	
FEB	0.0	0.2	30.0	1.9	
MAR	0.0	0.1	40.0	1.6	
ABR	0.0	0.1	21.0	1.0	
MAY	0.0	0.0	7.0	0.3	
JUN	0.0	0.1	15.0	0.8	
JUL	0.0	1.8	96.0	7.5	
AGO	0.0	1.8	55.0	6.3	
SEP	0.0	2.3	180.0	12.3	
OCT	0.0	0.2	25.5	1.8	
NOV	0.0	0.2	32.0	2.2	
DIC	0.0	0.1	21.0	1.3	
<b>Total general</b>	<b>0.0</b>	<b>0.6</b>	<b>180.0</b>	<b>4.7</b>	

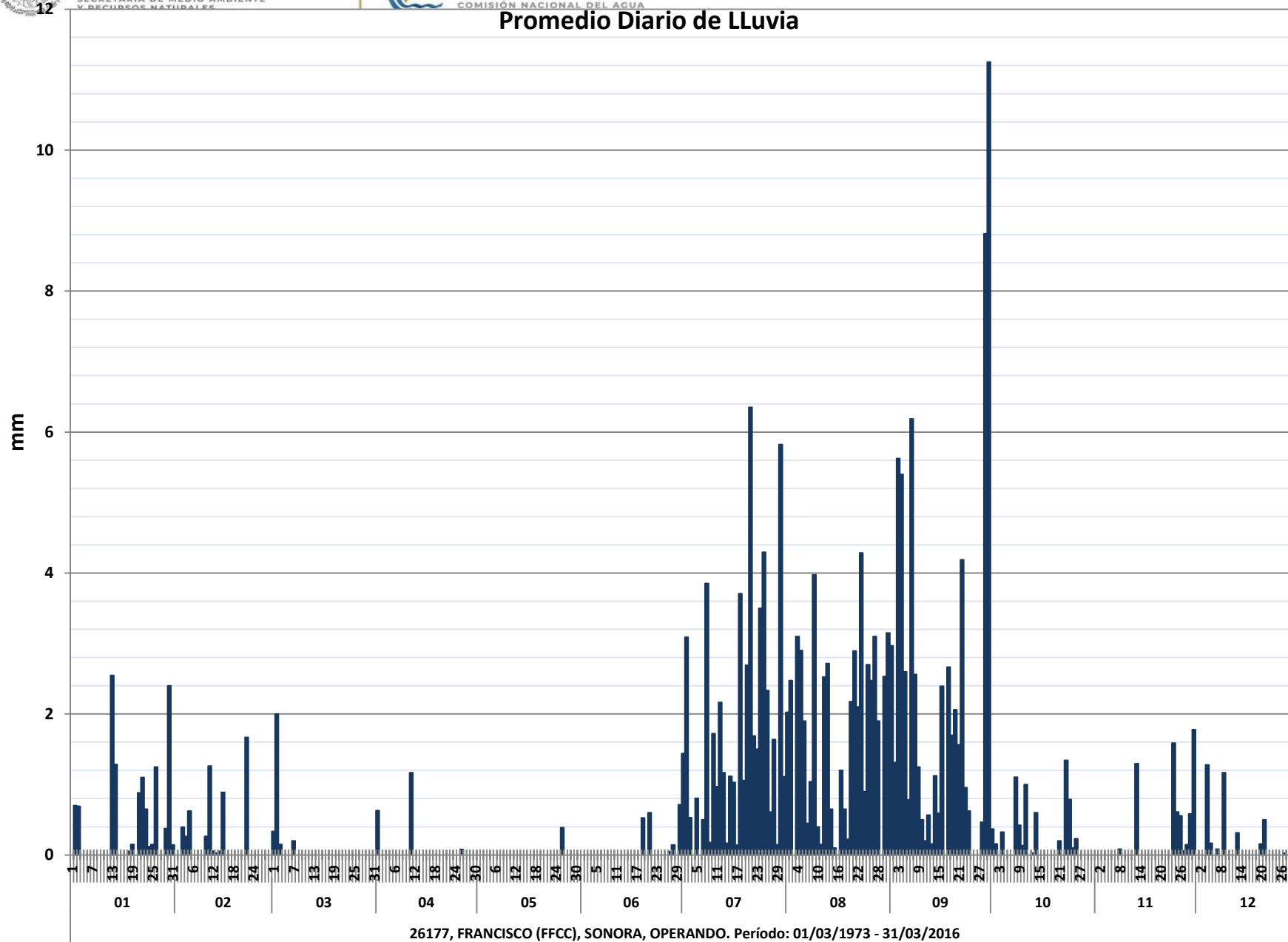
Evap (mm)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE	0.4	4.4	11.2	2.1	
FEB	0.6	5.6	10.4	2.3	
MAR	1.9	7.6	12.6	2.2	
ABR	2.9	8.9	15.2	2.2	
MAY	4.6	10.9	17.9	2.7	
JUN	3.7	11.8	16.3	2.6	
JUL	0.4	10.1	17.1	3.1	
AGO	0.1	8.4	13.3	2.8	
SEP	0.8	8.1	14.9	2.5	
OCT	2.1	7.5	15.7	2.4	
NOV	1.4	6.0	9.5	2.0	
DIC	2.2	5.0	9.8	2.9	
<b>Total general</b>	<b>0.1</b>	<b>8.5</b>	<b>17.9</b>	<b>3.2</b>	

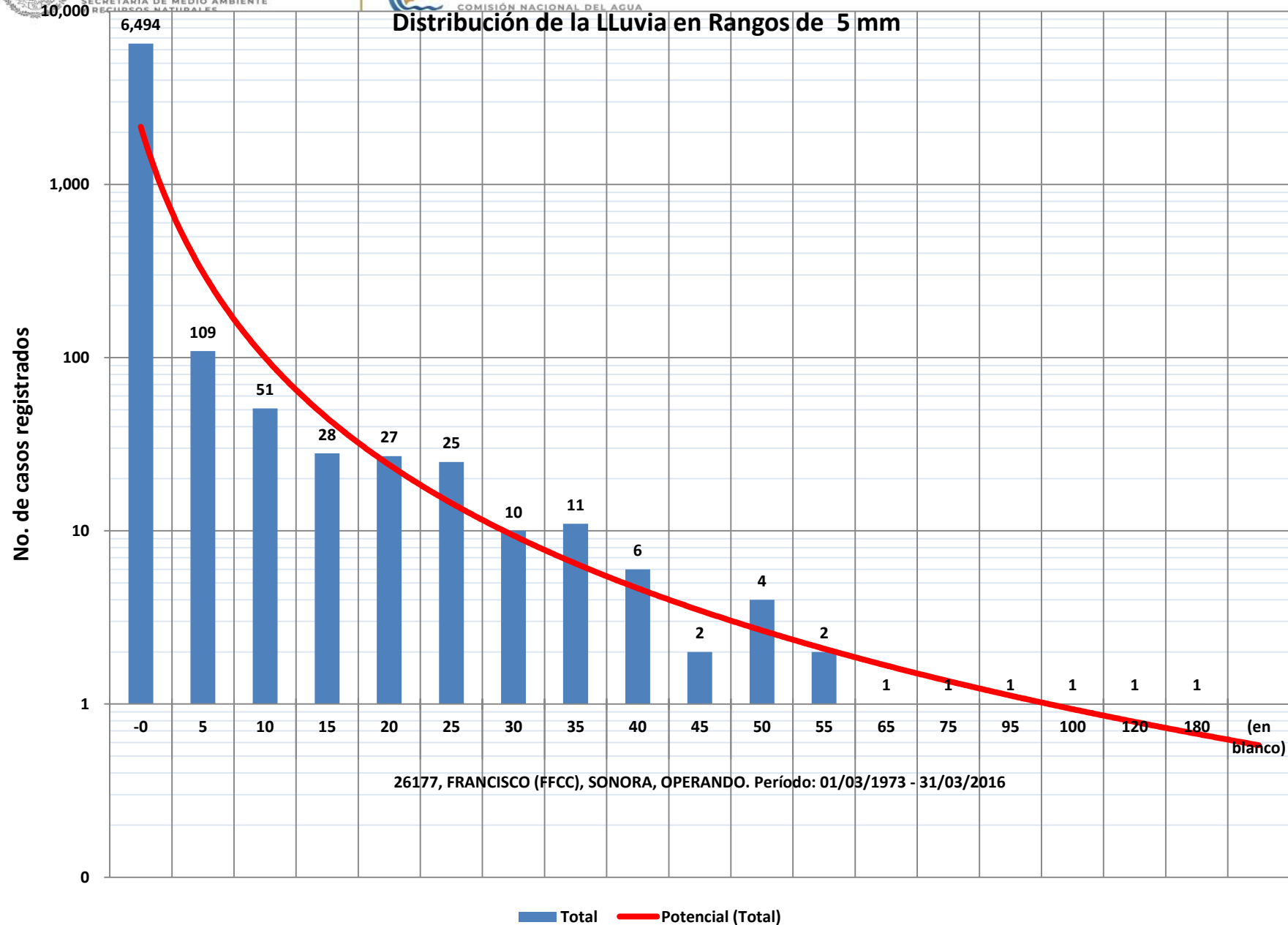






**Promedio Diario de Lluvia**





Estacion	26177
NOMBRE	FRANCISCO (FFCC)
ESTADO	SONORA

		Temp Min (°C)				
Década	Año	Mín.	Prom.	Máx.	Desv.	Est.
<b>1970</b>	1973	3.0	16.2	27.0	7.5	
	1974	3.0	14.1	31.0	7.2	
	1975	0.0	13.6	28.0	7.1	
	1976	3.0	15.5	28.0	6.8	
	1977	2.0	14.5	26.0	6.3	
	1978	6.0	15.1	25.0	5.5	
<b>Total 1970</b>		<b>0.0</b>	<b>14.7</b>	<b>31.0</b>	<b>6.8</b>	
<b>2000</b>	2001	2.0	16.0	28.0	7.1	
	2002	3.0	16.5	29.0	7.7	
	2003	0.0	15.5	28.0	6.6	
	2004	2.0	14.9	28.0	6.6	
	2005	0.0	15.5	27.0	6.4	
	2006	3.0	15.9	30.0	6.6	
	2007	1.0	15.3	28.0	6.8	
	2008	2.0	15.3	27.0	6.6	
	2009	3.0	15.1	29.0	6.6	
	2010	4.0	15.2	29.0	7.2	
<b>Total 2000</b>		<b>0.0</b>	<b>15.5</b>	<b>30.0</b>	<b>6.8</b>	
<b>2010</b>	2011	-1.0	14.6	27.0	6.9	
	2012	4.0	14.8	27.0	6.2	
	2013	0.0	14.5	27.0	6.7	
	2014	3.0	15.4	27.0	6.3	
	2015	0.0	15.9	27.0	6.2	
	2016	3.0	8.6	15.0	2.6	
<b>Total 2010</b>		<b>-1.0</b>	<b>14.7</b>	<b>27.0</b>	<b>6.5</b>	
<b>Total general</b>		<b>-1.0</b>	<b>15.1</b>	<b>31.0</b>	<b>6.7</b>	

Estacion	26177
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		Temp Max (°C)				
Década	Año	Mín.	Prom.	Máx.	Desv.	Est.
<b>1970</b>	1973	23.0	33.6	43.0	5.0	
	1974	12.0	31.2	39.0	4.7	
	1975	20.0	31.5	41.0	5.3	
	1976	17.0	32.3	41.0	5.1	
	1977	15.0	31.6	41.0	4.3	
	1978	20.0	33.0	41.0	6.3	
<b>Total 1970</b>		<b>12.0</b>	<b>32.1</b>	<b>43.0</b>	<b>5.2</b>	
<b>2000</b>	2001	17.0	33.6	46.0	6.6	
	2002	17.0	33.1	45.0	6.5	
	2003	19.0	33.5	45.0	5.6	
	2004	14.0	31.8	44.0	6.8	
	2005	18.0	32.8	44.0	5.6	
	2006	18.0	33.5	45.0	5.5	
	2007	14.0	32.3	45.0	6.4	
	2008	16.0	32.7	45.0	5.8	
	2009	13.0	32.9	46.0	6.0	
	2010	17.0	32.7	44.0	6.2	
<b>Total 2000</b>		<b>13.0</b>	<b>32.9</b>	<b>46.0</b>	<b>6.1</b>	
<b>2010</b>	2011	6.0	33.4	44.0	6.8	
	2012	20.0	33.8	43.0	5.4	
	2013	15.0	32.7	45.0	6.1	
	2014	21.0	33.7	44.0	4.9	
	2015	16.0	32.8	44.0	5.5	
	2016	18.0	29.2	39.0	4.7	
<b>Total 2010</b>		<b>6.0</b>	<b>33.1</b>	<b>45.0</b>	<b>5.8</b>	
<b>Total general</b>		<b>6.0</b>	<b>32.8</b>	<b>46.0</b>	<b>5.9</b>	



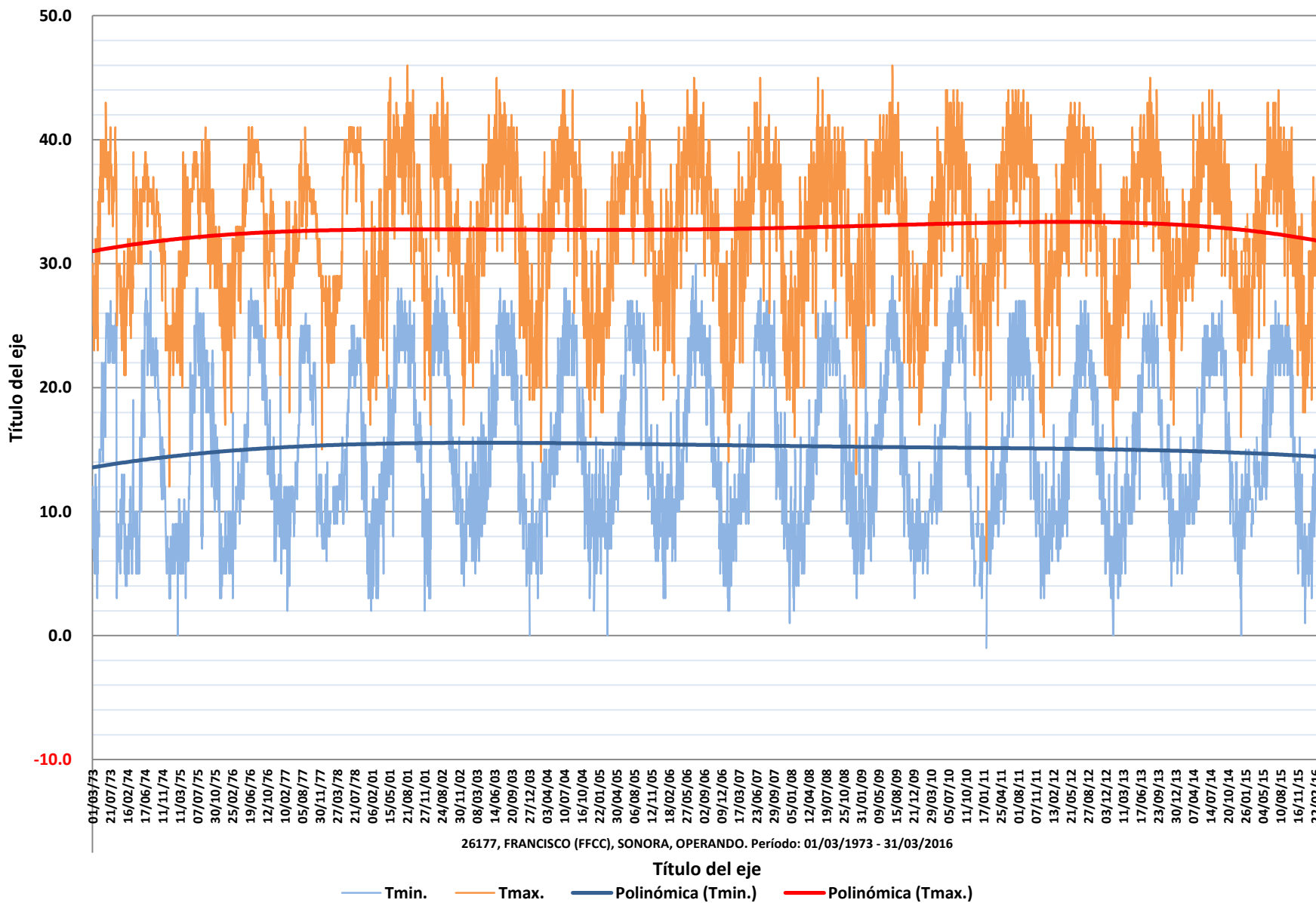
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ESTACIONES CLIMATOLÓGICAS

## Registro Diario de Temperaturas Mínima y Máxima



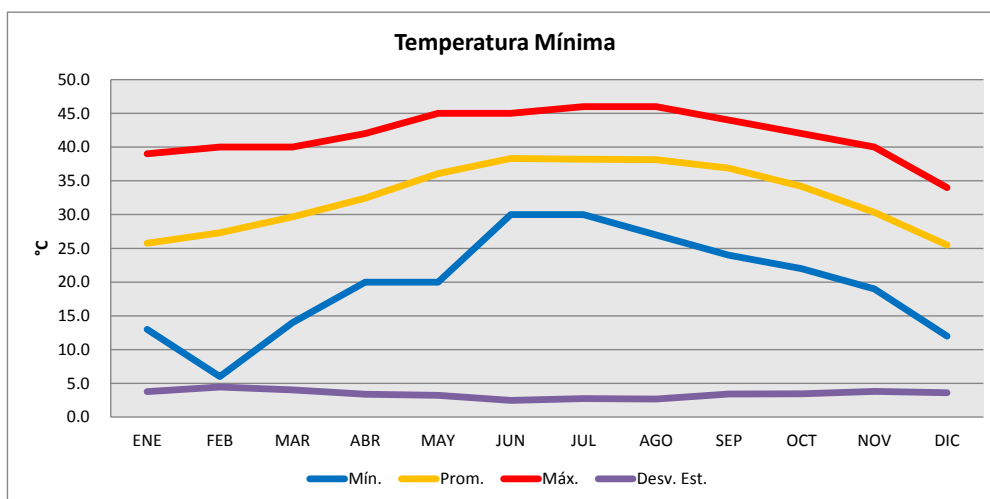
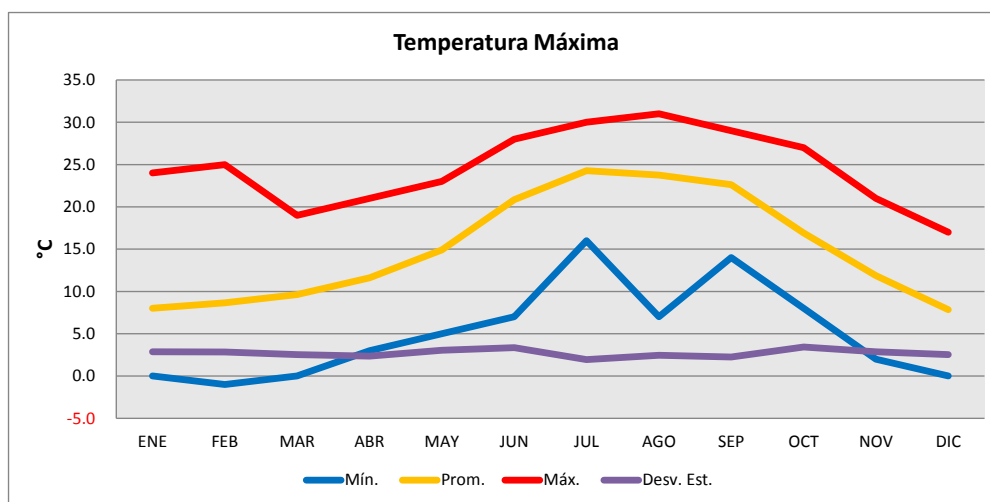


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Estacion	26177
NOMBRE	FRANCISCO (FFCC)
ESTADO	SONORA

Temp Min (°C)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE		0.0	8.0	24.0	2.9
FEB		-1.0	8.7	25.0	2.9
MAR		0.0	9.6	19.0	2.5
ABR		3.0	11.6	21.0	2.4
MAY		5.0	14.9	23.0	3.0
JUN		7.0	20.8	28.0	3.4
JUL		16.0	24.3	30.0	1.9
AGO		7.0	23.8	31.0	2.4
SEP		14.0	22.6	29.0	2.3
OCT		8.0	16.9	27.0	3.4
NOV		2.0	11.9	21.0	2.9
DIC		0.0	7.8	17.0	2.5
<b>Total general</b>		<b>-1.0</b>	<b>15.1</b>	<b>31.0</b>	<b>6.7</b>

Temp Max (°C)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE		13.0	25.8	39.0	3.8
FEB		6.0	27.3	40.0	4.4
MAR		14.0	29.7	40.0	4.0
ABR		20.0	32.4	42.0	3.4
MAY		20.0	36.1	45.0	3.2
JUN		30.0	38.3	45.0	2.5
JUL		30.0	38.2	46.0	2.7
AGO		27.0	38.1	46.0	2.7
SEP		24.0	36.9	44.0	3.4
OCT		22.0	34.2	42.0	3.5
NOV		19.0	30.3	40.0	3.8
DIC		12.0	25.5	34.0	3.6
<b>Total general</b>		<b>6.0</b>	<b>32.8</b>	<b>46.0</b>	<b>5.9</b>



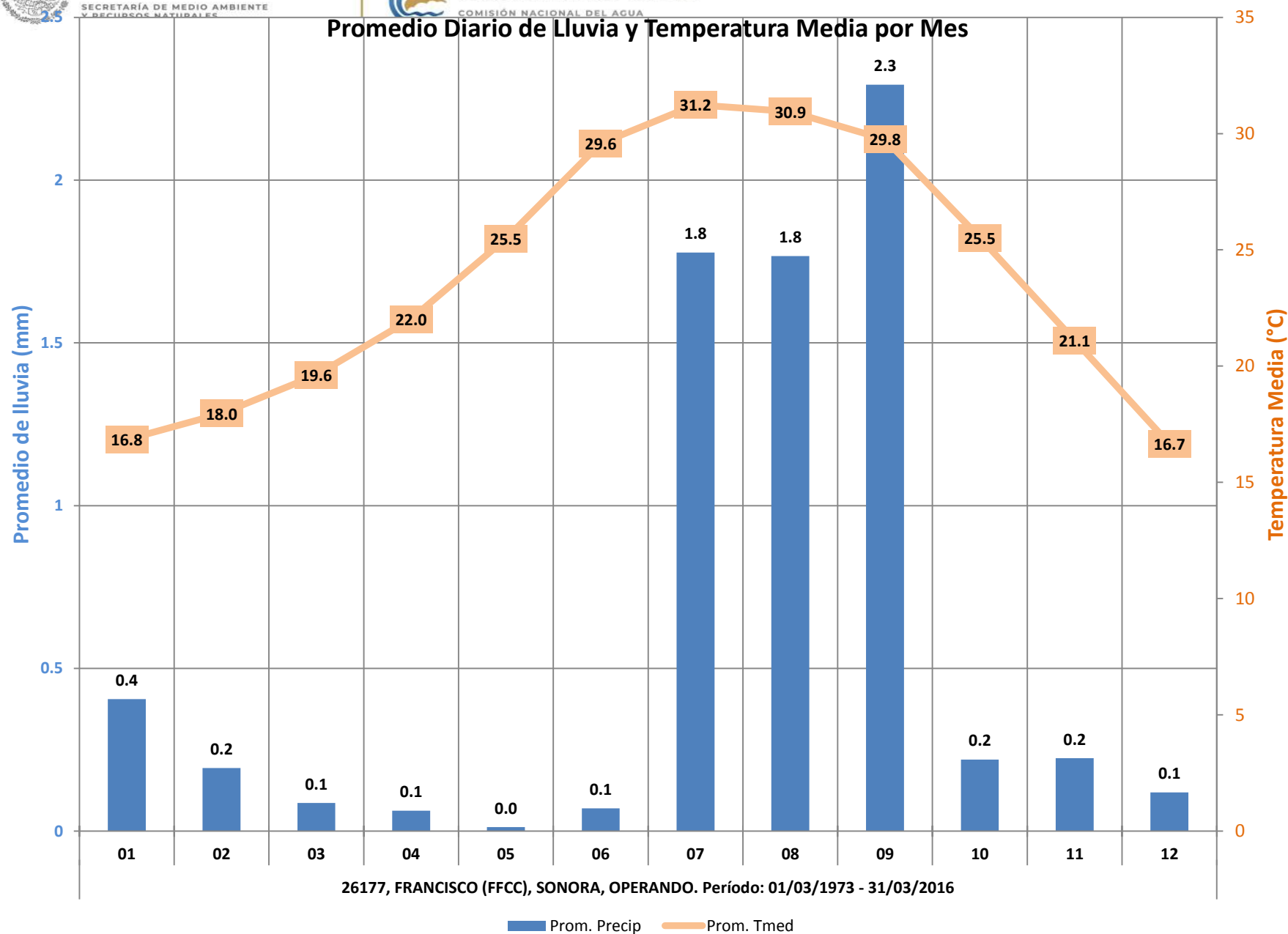


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**ESTACIONES CLIMATOLÓGICAS**



Estacion	26177
NOMBRE	FRANCISCO (FFCC)
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)
1970	1973	0.0	14.2	34.1	0.0	24.0	37.2	0.0	7.1	28.9	0.0	8.3	27.5
	1974	0.0	13.3	33.9	0.0	23.8	35.3	0.0	14.6	30.4	0.0	7.5	26.3
	1975	0.0	12.5	33.4	0.0	21.4	36.6	0.0	13.1	30.9	0.0	6.8	24.7
	1976	0.0	14.9	34.1	0.0	24.5	38.0	0.0	14.2	30.5	0.0	8.1	26.6
	1977	0.0	12.8	31.5	0.0	23.5	36.4	0.0	15.3	32.6	0.0	8.6	27.2
	1978	0.0	13.6	33.9	0.0	22.7	39.6	0.0	15.2	32.3	0.0	9.8	25.9
Total 1970		0.0	13.6	33.6	0.0	23.3	37.3	0.0	14.0	31.1	0.0	8.2	26.2
2000	2001	0.1	15.1	35.0	1.4	24.5	39.4	4.3	15.6	33.1	0.0	7.7	25.6
	2002				1.1	24.1	38.9	0.5	13.6	31.3	0.2	6.5	24.3
	2003	0.0	14.1	35.2	2.8	23.8	38.8	0.5	14.7	32.4	0.0	9.3	27.5
	2004	0.1	14.7	34.9	3.1	23.9	37.9	0.5	12.6	29.5	1.3	8.1	24.7
	2005	0.1	14.0	34.2	2.0	23.8	37.8	0.0	14.4	32.9	1.1	9.5	26.0
	2006	0.0	15.6	36.1	2.9	24.1	37.8	0.3	14.7	31.6	0.0	9.1	28.1
	2007	0.0	14.6	33.9	3.1	24.2	37.5	0.7	14.3	31.6	0.1	8.0	26.2
	2008	0.0	15.2	34.7	2.5	23.7	37.0	0.3	14.6	32.7	0.0	7.9	26.4
	2009	0.0	14.9	35.0	1.1	24.4	39.4	0.2	12.9	30.0	0.1	9.7	28.3
	2010	0.0	13.8	33.8	1.1	25.0	39.2	0.7	13.3	31.8	0.4	8.2	25.5
Total 2000		0.0	14.7	34.8	2.1	24.1	38.4	0.7	14.1	31.7	0.3	8.5	26.4
2010	2011	0.0	13.9	35.7	0.2	23.5	39.2	0.6	13.4	30.6	0.0	7.3	27.7
	2012	0.0	14.3	36.3	1.6	23.1	38.2	0.1	13.3	31.8	0.0	8.5	28.7
	2013	0.0	14.0	35.0	1.8	23.3	38.3	0.2	13.4	30.9	0.0	7.0	26.5
	2014	0.0	15.3	35.8	2.7	23.2	37.8	0.3	14.1	32.1	0.0	9.1	29.0
	2015	0.2	15.3	34.7	2.6	23.3	37.4	0.0	14.2	31.1	1.3	9.7	27.0
	2016	0.0	10.9	31.0							0.1	8.3	29.0
Total 2010		0.0	14.5	35.4	1.8	23.3	38.2	0.2	13.7	31.3	0.2	8.3	28.0
Total general		0.0	14.4	34.7	1.6	23.7	38.1	0.5	14.0	31.5	0.2	8.4	26.8



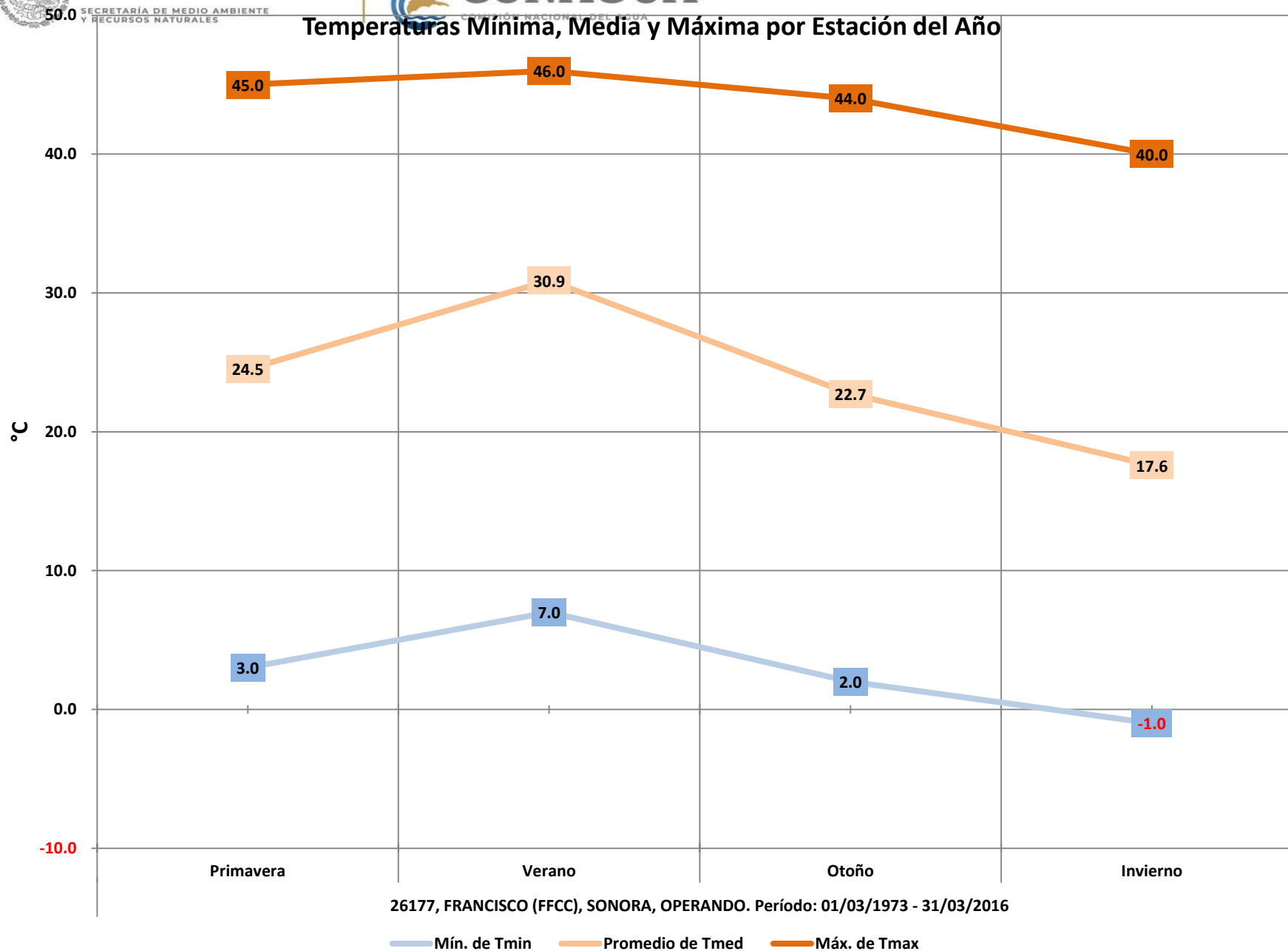
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COMISIÓN NACIONAL DEL AGUA

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





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

