



Datos de la Estación

ESTACIÓN:	3174
NOMBRE:	GUERRERO NEGRO
ESTADO:	BAJA CALIFORNIA SUR
MUNICIPIO:	MULEGE
LATITUD (°):	27.9681
LONGITUD (°):	-114.0458
ALTURA (msn):	10
SITUACIÓN:	OPERANDO
DATOS DESDE:	1 de enero de 1984
HASTA:	31 de diciembre de 2017

Inventario de Registros por Década Año

Estacion 3174

N° de Casos						
Decada	Año	Lluvia	Temp min	Temp max	Temp amb	Evaporación
1980	1984	366	366	366	366	
	1985	331	333	278	333	
	1986	365	365	334	365	
	1987	273	273	181	273	
	1988	336	336	336	336	
	1989	229	230	229	230	
	1990	312	311	312	311	
Total 1980		2,212	2,214	2,036	2,214	
1990	1991	365	365	365	365	
	1992	354	354	354	354	
	1993	365	365	365	365	
	1994	365	365	365	365	
	1995	344	342	344	343	
	1996	362	361	361	361	
	1997	365	365	364	365	
	1998	365	363	364	363	
	1999	354	348	348	348	
	2000	365	365	365	365	
Total 1990		3,604	3,593	3,595	3,594	
2000	2001	364	362	363	362	
	2002	332	332	331	332	
	2003	365	365	365	365	
	2004	353	352	349	352	
	2005	354	354	353	354	
	2006	345	345	346	345	
	2007	358	358	358	358	
	2008	361	361	361	361	
	2009	365	365	365	365	
	2010	365	365	365	365	
Total 2000		3,562	3,559	3,556	3,559	
2010	2011	364	364	364	364	
	2012	366	366	366	366	
	2013	359	359	359	359	
	2014	349	348	348	348	
	2015	365	365	365	365	
	2016	292	292	292	292	
	2017	365	365	365	365	
Total 2010		2,460	2,459	2,459	2,459	
Total general		11,838	11,825	11,646	11,826	



Estacion	3174
NOMBRE	GUERRERO NEGRO
ESTADO	BAJA CALIFORNIA SUR

		Lluvia (mm)				
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1980	1984	0.0	0.4	35.5	3.0	
	1985	0.0	0.1	8.0	0.8	
	1986	0.0	0.1	9.0	0.8	
	1987	0.0	0.2	15.5	1.2	
	1988	0.0	0.1	12.0	0.8	
	1989	0.0	0.3	19.5	2.2	
	1990	0.0	0.2	12.0	1.2	
	Total 1980	0.0	0.2	35.5	1.6	
	1990	0.0	0.4	55.0	3.4	
1990	1991	0.0	0.5	30.0	2.8	
	1992	0.0	0.3	25.0	1.8	
	1993	0.0	0.5	38.0	3.0	
	1994	0.0	0.2	37.0	2.1	
	1995	0.0	0.0	3.5	0.2	
	1996	0.0	0.3	36.0	2.4	
	1997	0.0	0.2	17.0	1.3	
	1998	0.0	0.0	6.5	0.4	
	1999	0.0	0.2	20.5	1.8	
	Total 1990	0.0	0.3	55.0	2.2	
2000	2001	0.0	0.1	19.5	1.1	
	2002	0.0	0.1	21.5	1.3	
	2003	0.0	0.3	26.5	2.1	
	2004	0.0	0.3	26.5	2.1	
	2005	0.0	0.2	22.5	1.7	
	2006	0.0	0.2	47.0	2.6	
	2007	0.0	0.4	58.0	4.4	
	2008	0.0	0.1	37.5	2.0	
	2009	0.0	0.0	3.0	0.2	
	2010	0.0	0.1	17.0	1.1	
2010	Total 2000	0.0	0.2	58.0	2.1	
	2011	0.0	0.0	4.0	0.4	
	2012	0.0	0.3	28.0	2.1	
	2013	0.0	0.2	22.0	1.4	
	2014	0.0	0.3	48.5	2.8	
	2015	0.0	0.4	78.5	4.3	
	2016	0.0	0.1	12.5	0.9	
	2017	0.0	0.3	23.0	2.1	
	Total 2010	0.0	0.2	78.5	2.4	
	Total general	0.0	0.2	78.5	2.1	

Estacion	3174
NOMBRE	GUERRERO NEGRO
ESTADO	BAJA CALIFORNIA SUR

		Evap (mm)				
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1980	1984					
	1985					
	1986					
	1987					
	1988					
	1989					
	1990					
	Total 1980					
	1990					
1990	1991					
	1992					
	1993					
	1994					
	1995					
	1996					
	1997					
	1998					
	1999					
	2000					
2000	Total 1990					
	2001					
	2002					
	2003					
	2004					
	2005					
	2006					
	2007					
	2008					
	2009					
2010	2010					
	Total 2000					
	2011					
	2012					
	2013					
	2014					
	2015					
	2016					
	2017					
	Total 2010					
	Total general					

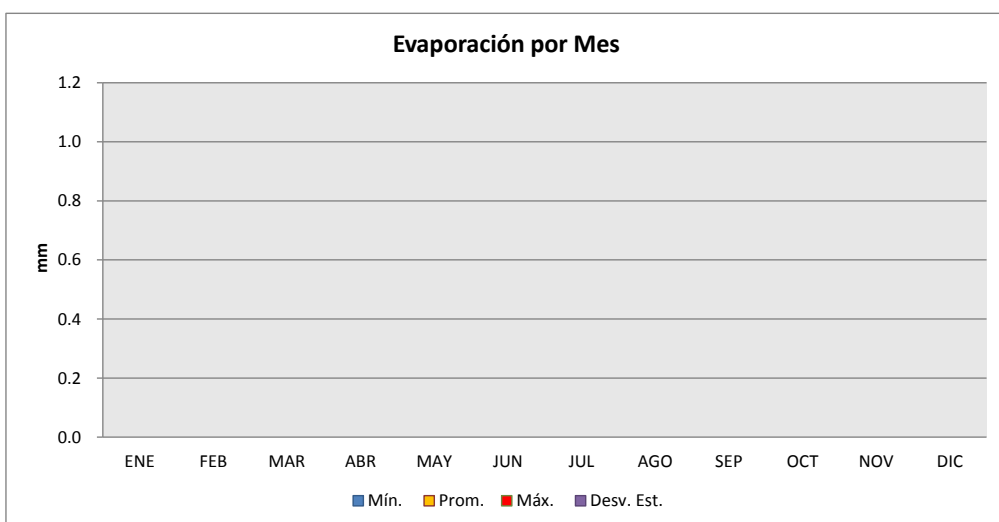
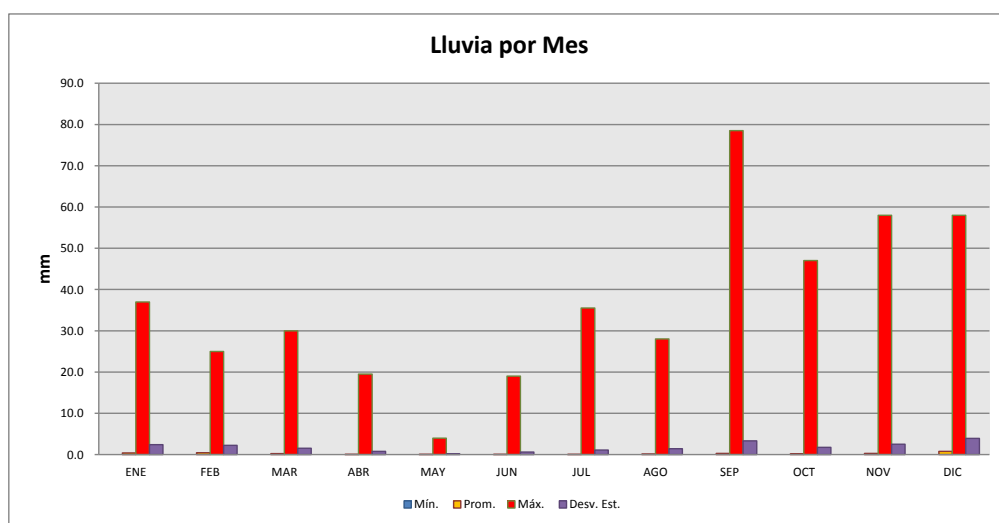


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NOMBRE	GUERRERO NEGRO
ESTADO	BAJA CALIFORNIA SUR

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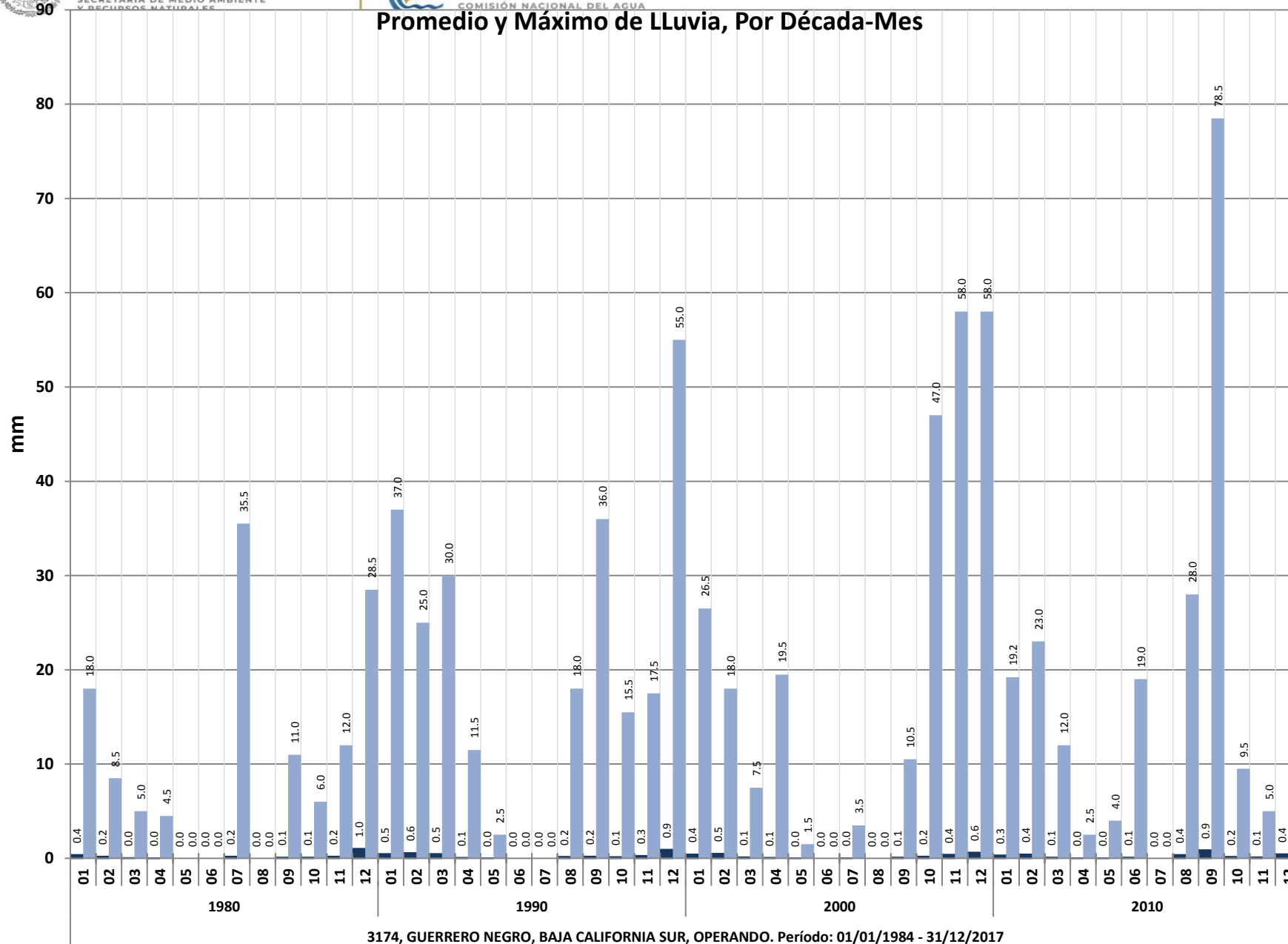
Lluvia (mm)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE		0.0	0.4	37.0	2.4
FEB		0.0	0.4	25.0	2.2
MAR		0.0	0.2	30.0	1.6
ABR		0.0	0.1	19.5	0.8
MAY		0.0	0.0	4.0	0.2
JUN		0.0	0.0	19.0	0.6
JUL		0.0	0.0	35.5	1.1
AGO		0.0	0.1	28.0	1.4
SEP		0.0	0.3	78.5	3.3
OCT		0.0	0.2	47.0	1.8
NOV		0.0	0.3	58.0	2.5
DIC		0.0	0.8	58.0	3.9
Total general		0.0	0.2	78.5	2.1

Evap (mm)					
Mes	Mín.	Prom.	Máx.	Desv. Est.	
ENE					
FEB					
MAR					
ABR					
MAY					
JUN					
JUL					
AGO					
SEP					
OCT					
NOV					
DIC					
Total general					

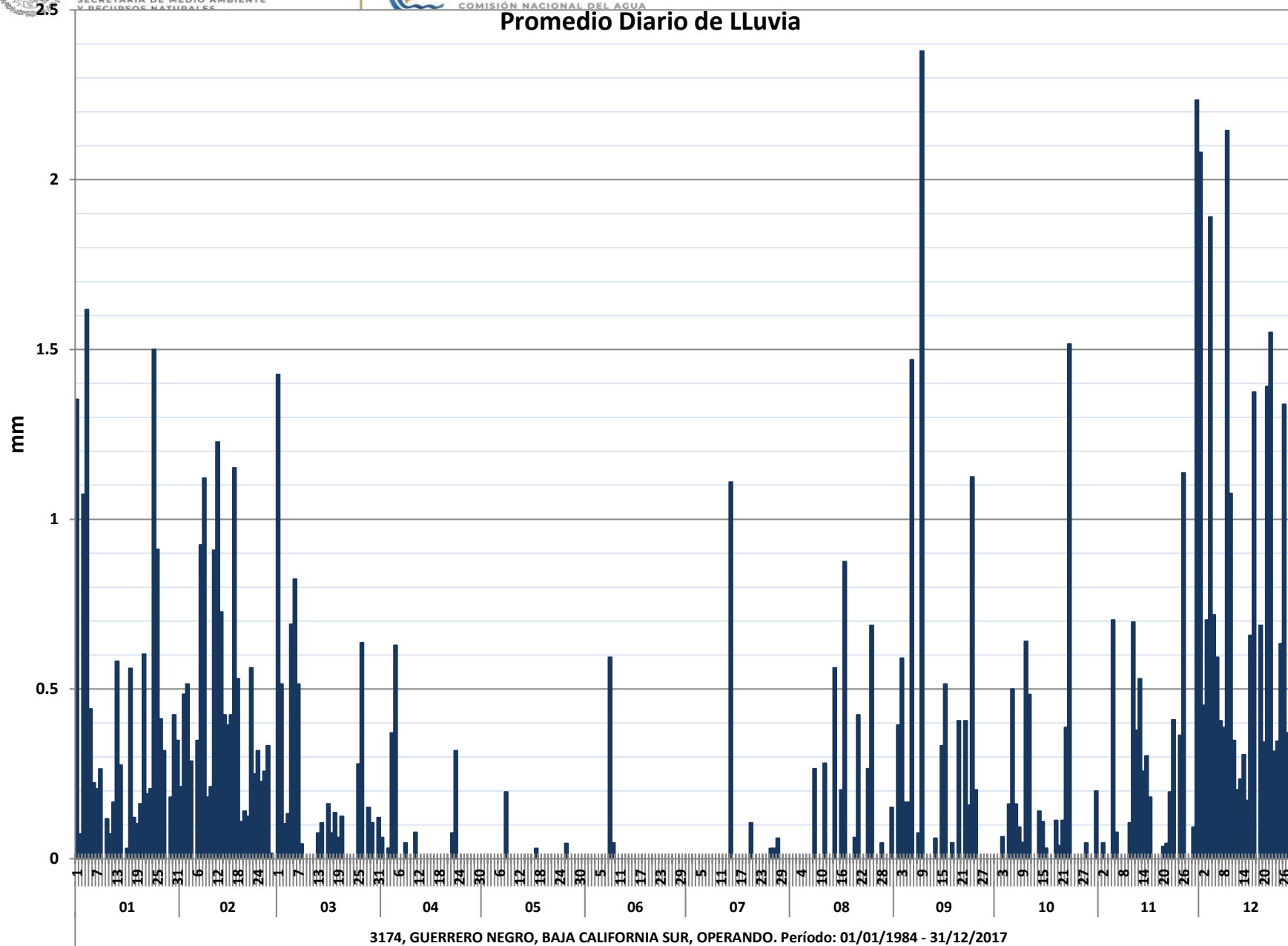


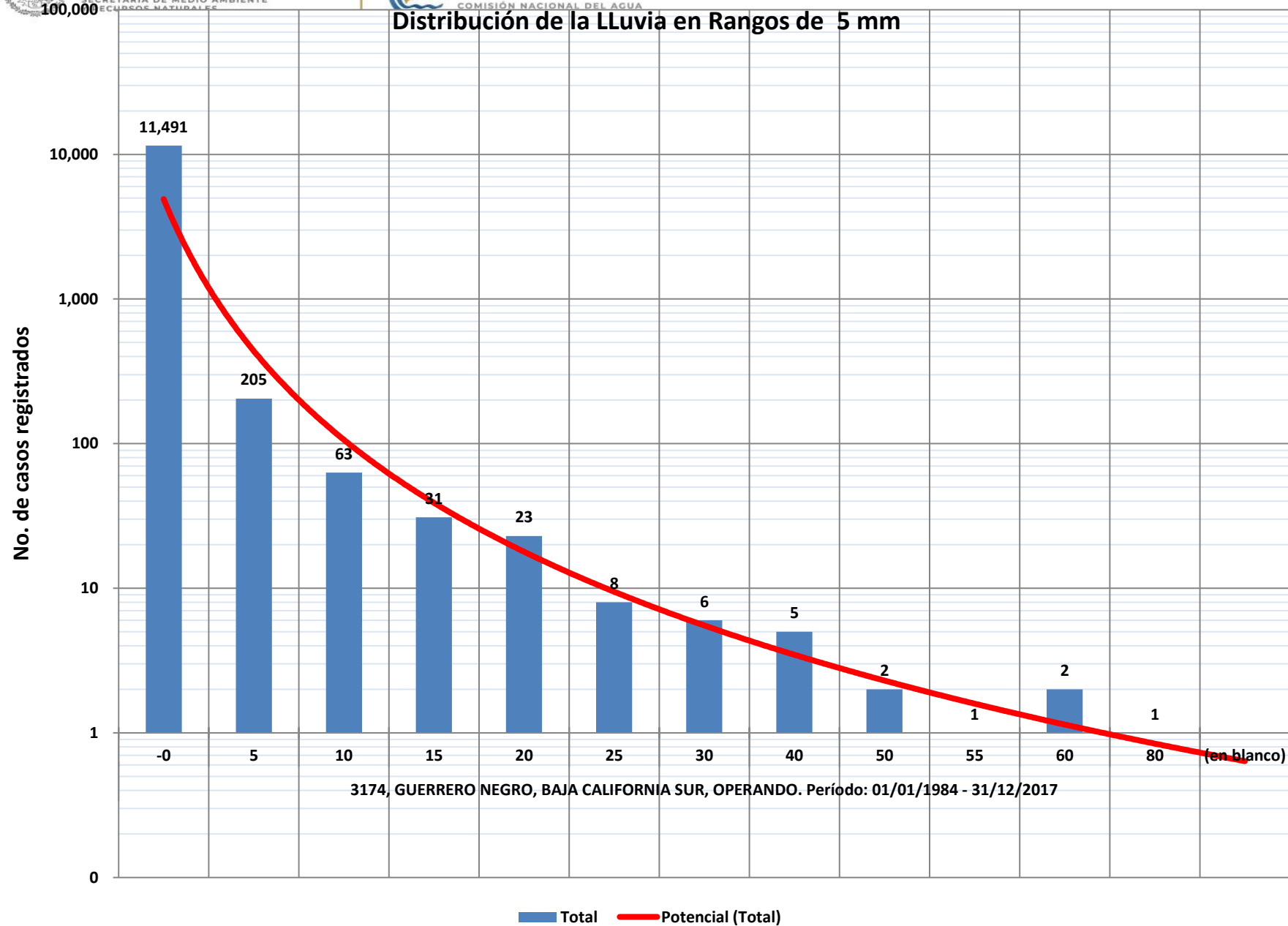


Promedio y Máximo de Lluvia, Por Década-Mes



3174, GUERRERO NEGRO, BAJA CALIFORNIA SUR, OPERANDO. Período: 01/01/1984 - 31/12/2017







Estacion	3174
NOMBRE	GUERRERO NEGRO
ESTADO	BAJA CALIFORNIA SUR

		Temp Min (°C)				
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1980	1984		2.5	13.6	25.5	5.3
	1985		1.5	12.9	27.0	4.7
	1986		3.5	13.6	25.5	4.2
	1987		0.0	12.3	20.0	5.1
	1988		0.0	12.7	21.0	4.1
	1989		-5.0	11.0	22.0	5.0
	1990		-1.0	12.8	23.5	4.8
Total 1980			-5.0	12.8	27.0	4.8
1990	1991		4.5	12.6	20.0	2.9
	1992		3.0	13.0	24.0	4.3
	1993		2.0	13.0	20.5	3.9
	1994		3.0	12.7	22.0	4.2
	1995		0.0	13.4	23.0	4.0
	1996		1.0	13.2	23.5	5.2
	1997		0.0	14.2	24.0	5.2
	1998		1.0	13.3	24.0	4.7
	1999		2.0	12.8	21.5	4.1
	2000		3.0	13.6	23.5	4.5
Total 1990			0.0	13.2	24.0	4.4
2000	2001		0.1	13.2	21.5	4.9
	2002		1.0	13.3	24.0	4.5
	2003		0.1	14.1	23.5	4.6
	2004		1.5	13.8	23.5	4.9
	2005		2.0	13.7	21.5	4.5
	2006		1.0	14.2	24.0	5.5
	2007		0.1	13.4	23.5	4.9
	2008		0.0	14.5	22.0	4.4
	2009		4.0	14.0	23.0	4.4
	2010		2.0	12.9	20.5	3.6
Total 2000			0.0	13.7	24.0	4.7
2010	2011		3.0	13.2	21.5	4.2
	2012		5.0	14.3	25.0	4.7
	2013		2.0	13.7	23.0	4.5
	2014		5.0	15.9	23.0	4.2
	2015		4.0	15.9	24.0	4.6
	2016		1.0	12.8	22.0	4.8
	2017		1.0	11.4	23.0	4.4
Total 2010			1.0	13.9	25.0	4.7
Total general			-5.0	13.4	27.0	4.6

Estacion	3174
NOMBRE	GUERRERO NEGRO
ESTADO	BAJA CALIFORNIA SUR

		Temp Max (°C)				
Década	Año	Mín.	Prom.	Máx.	Desv. Est.	
1980	1984		13.5	24.6	37.5	4.3
	1985		14.0	24.2	38.0	4.6
	1986		14.0	24.5	35.5	4.4
	1987		10.0	21.7	32.0	4.9
	1988		13.5	22.8	35.0	3.6
	1989		11.5	22.2	32.5	4.1
	1990		12.5	23.9	37.0	4.9
Total 1980			10.0	23.6	38.0	4.5
1990	1991		14.5	22.5	34.5	3.5
	1992		16.0	24.1	38.5	3.8
	1993		16.5	23.9	36.5	3.2
	1994		16.5	23.3	37.5	3.4
	1995		17.0	23.4	38.0	3.3
	1996		16.5	26.1	37.0	4.5
	1997		15.0	27.1	41.0	5.7
	1998		15.0	27.1	42.0	4.3
	1999		21.0	27.6	39.5	3.3
	2000		21.5	28.8	42.5	3.9
Total 1990			14.5	25.4	42.5	4.5
2000	2001		22.0	28.3	41.0	3.3
	2002		19.0	28.3	42.0	4.3
	2003		22.0	29.3	42.0	3.9
	2004		21.5	29.8	42.0	3.7
	2005		23.0	30.7	42.0	3.9
	2006		19.5	31.0	42.5	4.1
	2007		21.0	29.6	43.0	4.0
	2008		21.5	30.8	42.0	4.2
	2009		20.0	30.4	43.0	3.9
	2010		22.0	29.0	41.0	3.0
Total 2000			19.0	29.7	43.0	3.9
2010	2011		20.0	29.3	39.0	3.3
	2012		23.0	31.0	45.0	4.3
	2013		22.0	30.1	42.0	4.0
	2014		19.0	31.5	40.5	4.6
	2015		20.0	29.9	40.5	4.2
	2016		11.0	26.1	39.0	5.6
	2017		11.0	23.7	36.0	4.8
Total 2010			11.0	28.9	45.0	5.1
Total general			10.0	27.1	45.0	5.1



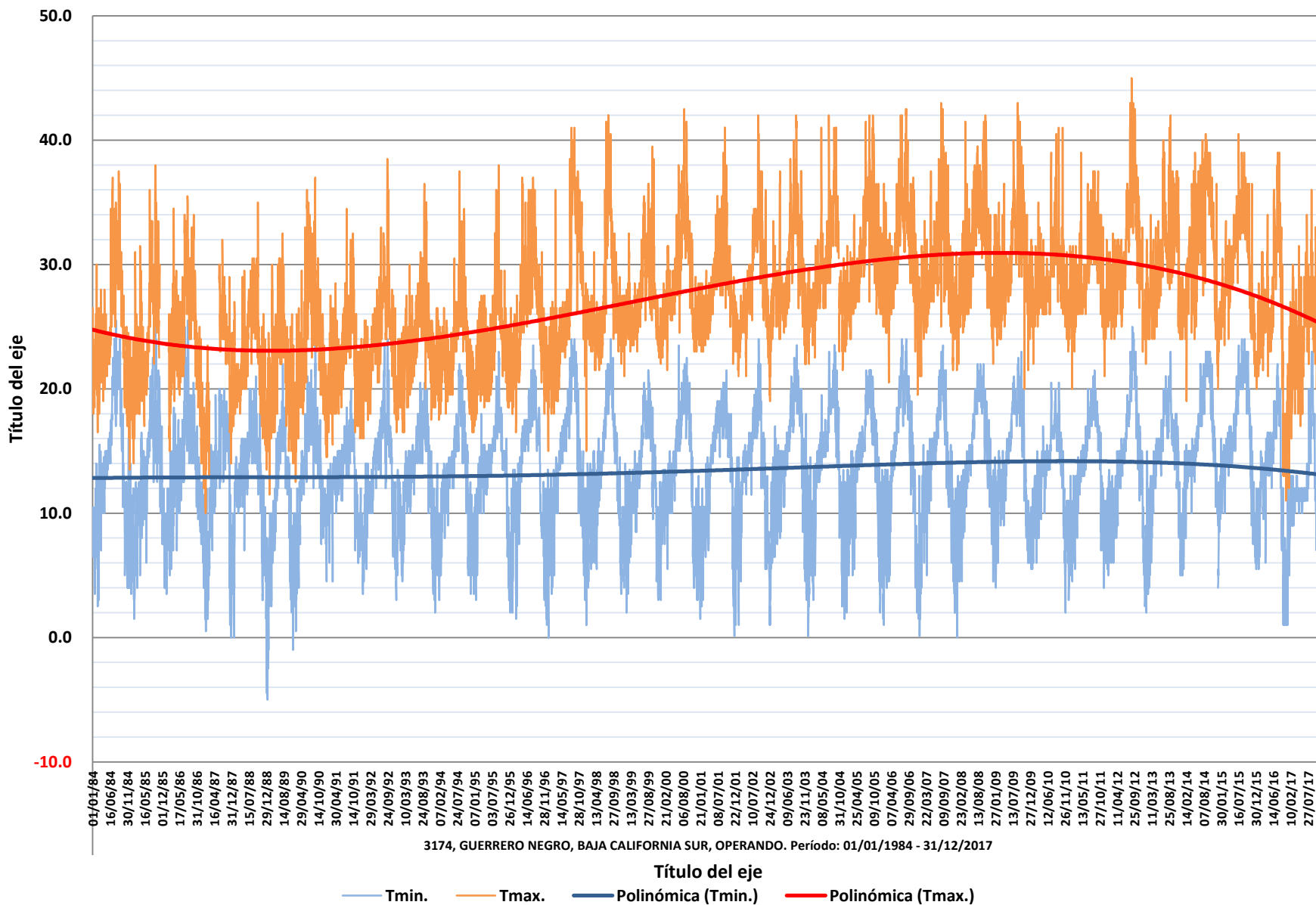
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Y RECURSOS NATURALES



CONAGUA
COMISIÓN NACIONAL DEL AGUA

ESTACIONES CLIMATOLÓGICAS

Registro Diario de Temperaturas Mínima y Máxima

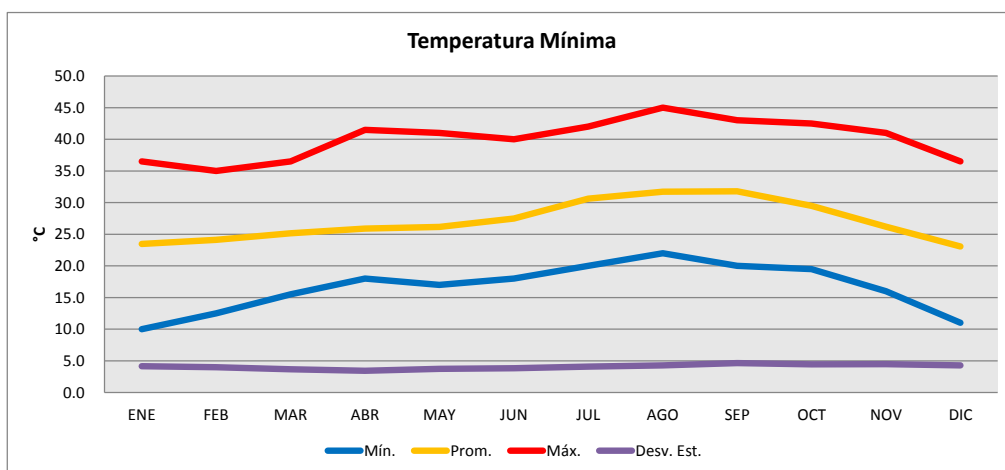
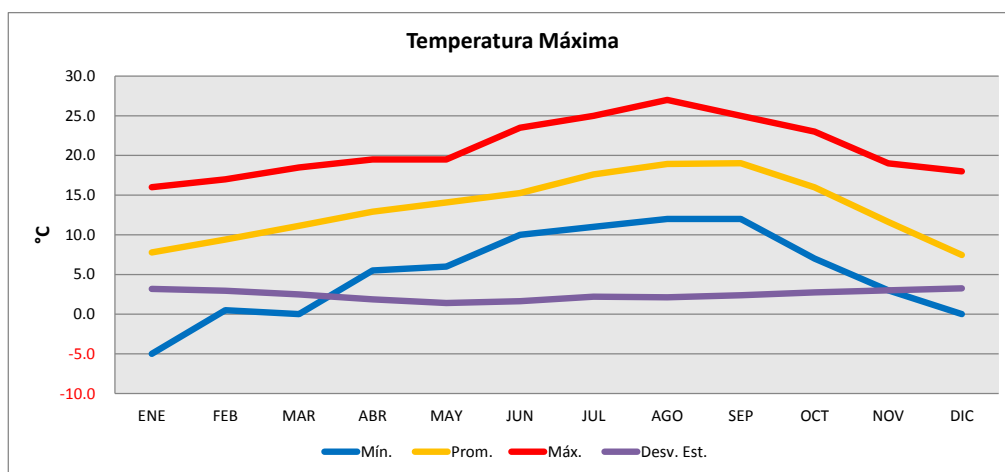


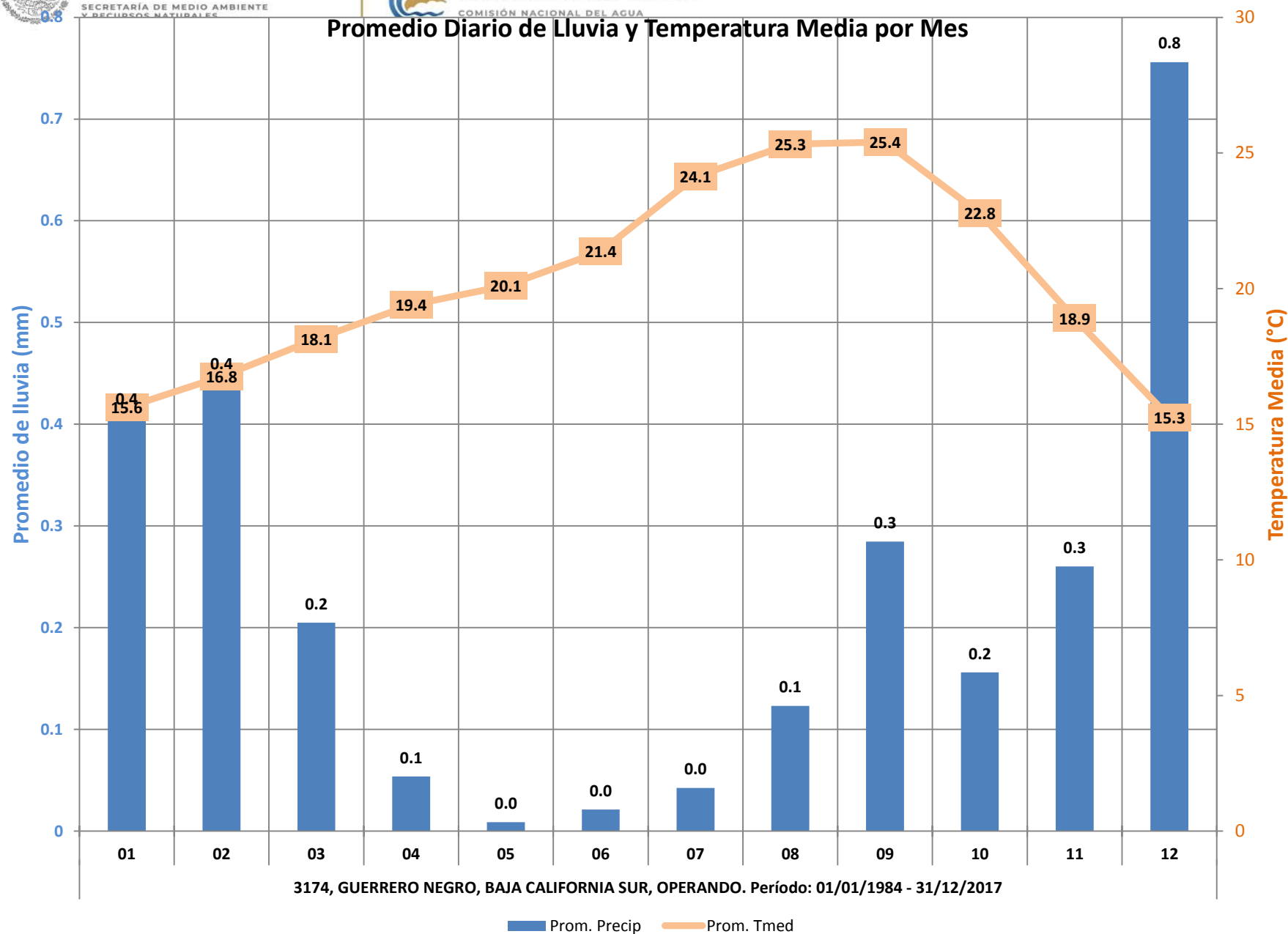
Estacion	3174
NOMBRE	GUERRERO NEGRO
ESTADO	BAJA CALIFORNIA SUR

Temp Min (°C)				
Mes	Mín.	Prom.	Máx.	Desv. Est.
ENE	-5.0	7.8	16.0	3.2
FEB	0.5	9.4	17.0	2.9
MAR	0.0	11.1	18.5	2.5
ABR	5.5	12.9	19.5	1.9
MAY	6.0	14.1	19.5	1.4
JUN	10.0	15.3	23.5	1.6
JUL	11.0	17.6	25.0	2.2
AGO	12.0	18.9	27.0	2.1
SEP	12.0	19.0	25.0	2.4
OCT	7.0	16.0	23.0	2.7
NOV	3.0	11.6	19.0	3.0
DIC	0.0	7.5	18.0	3.3
Total general	-5.0	13.4	27.0	4.6

Estacion	3174
NOMBRE	GUERRERO NEGRO
ESTADO	BAJA CALIFORNIA SUR

Temp Max (°C)				
Mes	Mín.	Prom.	Máx.	Desv. Est.
ENE	10.0	23.5	36.5	4.1
FEB	12.5	24.1	35.0	4.0
MAR	15.5	25.2	36.5	3.7
ABR	18.0	25.9	41.5	3.4
MAY	17.0	26.1	41.0	3.7
JUN	18.0	27.5	40.0	3.8
JUL	20.0	30.6	42.0	4.1
AGO	22.0	31.7	45.0	4.3
SEP	20.0	31.8	43.0	4.6
OCT	19.5	29.5	42.5	4.5
NOV	16.0	26.2	41.0	4.5
DIC	11.0	23.1	36.5	4.3
Total general	10.0	27.1	45.0	5.1





Estacion 3174
NOMBRE GUERRERO NEGRO
ESTADO BAJA CALIFORNIA SUR

Década	Año		Promedios											
			Estación 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	1984	0.0	13.5	23.3	0.5	20.4	30.1	0.5	11.5	23.2	0.5	8.8	21.9	
	1985	0.0	12.6	22.2	0.0	17.9	28.7	0.2	13.4	27.7	0.3	7.8	20.5	
	1986	0.0	13.8	24.5	0.0	18.1	28.3	0.3	13.2	22.8	0.2	9.3	21.2	
	1987	0.0	13.3		0.0	17.4	26.9	0.2	15.7	24.5	0.3	6.9	16.5	
	1988	0.0	13.6	22.3	0.0	16.7	26.7	0.2	11.7	22.7	0.1	9.2	19.9	
	1989	0.0	12.1	22.4	0.0	16.1	26.2	0.5	11.9	20.4	0.6	5.8	19.5	
	1990	0.1	13.1	22.4	0.0	17.6	28.9	0.4	13.6	24.6	0.2	6.4	18.7	
Total 1980		0.0	13.2	23.0	0.1	17.9	28.2	0.3	13.1	23.4	0.3	7.8	19.8	
1990	1991	0.1	12.7	22.0	0.1	15.1	24.5	1.1	12.3	23.4	0.4	10.4	19.9	
	1992	0.2	13.6	23.6	0.2	17.5	28.0	0.2	12.4	24.0	1.5	9.2	21.2	
	1993	0.1	13.3	22.9	0.0	17.1	26.8	0.2	12.0	23.8	0.9	9.6	21.8	
	1994	0.0	13.0	21.8	0.2	17.5	26.8	0.8	11.3	22.7	0.8	9.1	22.0	
	1995	0.0	13.4	22.2	0.0	17.0	26.5	0.1	13.6	23.3	0.6	9.4	21.2	
	1996	0.0	14.9	27.3	0.0	18.8	30.9	0.0	11.1	24.5	0.1	8.0	21.9	
	1997	0.1	14.4	23.5	0.0	19.9	30.6	1.0	14.0	31.8	0.2	8.5	22.3	
	1998	0.1	12.3	24.2	0.1	19.2	32.9	0.0	12.5	26.1	0.5	9.3	25.2	
	1999	0.0	12.6	25.9	0.1	17.7	30.5	0.0	11.6	28.4	0.0	8.9	25.7	
	2000	0.0	13.8	28.0	0.0	18.6	33.6	0.5	11.9	27.7	0.4	10.0	25.8	
	Total 1990		0.1	13.4	24.1	0.1	17.9	29.1	0.4	12.3	25.5	0.6	9.2	22.7
2000	2001	0.2	13.9	27.7	0.0	18.0	31.7	0.1	13.0	28.3	0.2	7.7	25.5	
	2002	0.0	13.7	26.4	0.0	17.6	32.4	0.1	12.2	28.9	0.4	7.7	23.6	
	2003	0.0	13.4	27.7	0.1	19.0	33.6	0.3	13.5	28.5	0.9	10.5	27.1	
	2004	0.0	15.0	29.4	0.2	19.1	33.7	0.4	12.4	29.3	0.7	8.6	26.7	
	2005	0.1	13.6	29.3	0.0	18.2	34.3	0.0	13.1	31.6	0.9	9.2	26.9	
	2006	0.0	14.2	29.4	0.0	20.4	35.6	0.5	13.7	30.9	0.2	7.9	27.5	
	2007	0.0	13.6	28.7	0.0	18.8	33.5	1.6	13.1	29.3	0.1	7.9	26.8	
	2008	0.0	13.6	29.3	0.0	19.2	34.5	0.4	15.9	32.5	0.2	8.9	26.6	
	2009	0.0	13.7	28.7	0.0	18.9	34.0	0.0	13.5	30.9	0.1	9.8	28.1	
	2010	0.0	13.3	28.3	0.0	16.5	31.0	0.0	12.2	29.5	0.6	9.4	27.1	
	Total 2000		0.0	13.8	28.5	0.0	18.6	33.4	0.3	13.3	30.0	0.4	8.8	26.7
2010	2011	0.0	13.4	28.3	0.0	17.9	32.4	0.1	12.9	29.4	0.0	8.5	27.0	
	2012	0.0	13.3	29.0	0.5	19.0	35.0	0.1	16.1	32.5	0.5	8.9	27.5	
	2013	0.0	14.3	28.8	0.3	18.4	33.4	0.2	13.8	31.4	0.2	8.0	26.6	
	2014	0.0	14.6	30.8	0.7	20.1	35.7	0.2	16.8	31.4	0.2	11.3	27.5	
	2015	0.3	15.6	30.0	0.9	21.0	34.6	0.2	15.8	29.1	0.2	11.3	26.0	
	2016	0.0	14.5	26.2	0.0	18.5	32.8	0.2	7.6	21.6	0.3	9.6	23.4	
	2017	0.1	11.4	22.7	0.2	15.8	27.8	0.2	10.0	23.9	1.0	8.3	20.2	
	Total 2010		0.0	13.9	27.9	0.4	18.7	33.1	0.2	13.8	29.0	0.4	9.4	25.4
Total general			0.0	13.6	26.1	0.1	18.2	31.1	0.3	13.0	27.3	0.4	8.8	23.9



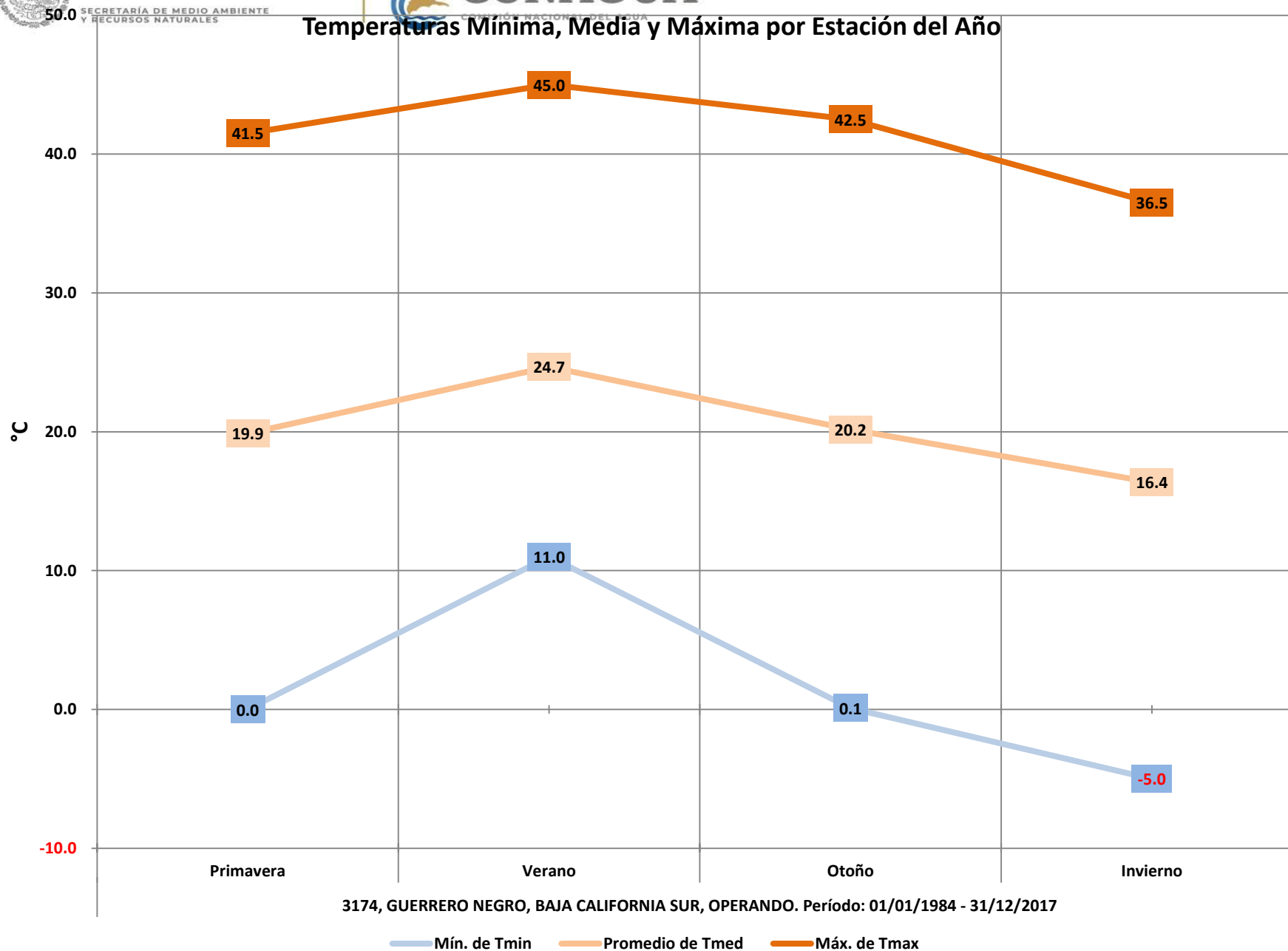
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SECRETARÍA DE MEDIO AMBIENTE
Y RECURSOS NATURALES

CONAGUA

COMISIÓN NACIONAL DEL AGUA

Temperaturas Mínima, Media y Máxima por Estación del Año





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Y RECURSOS NATURALES



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COMISIÓN NACIONAL DEL AGUA

Lluvia Promedio y Máxima, por Estación del Año

