



Datos de la Estación

ESTACIÓN: 19069 NOMBRE: LA BOCA ESTADO: **NUEVO LEON** MUNICIPIO: SANTIAGO LATITUD (°): 25.4294 LONGITUD (°): -100.1289 ALTURA (msn): 460 SITUACIÓN: OPERANDO DATOS DESDE: 1 de abril de 1972 31 de diciembre de 2017 HASTA:

Inventario de Registros por Década Año

Estacion 19069

			N°de Casos				
Decada		Año	Lluvia	Temp min	Temp max	Temp amb	Evaporación
	1970	1972	245	245	245	245	245
		1973	365	365	365	365	362
		1974	365	365	365	365	363
		1975	365	365	365	365	362
		1976	366	366	366	366	363
		1977	365	365	365	365	365
		1978	365	365	365	365	363
		1979	365	365	365	365	365
		1980	366	366	366	366	360
Total 197	0		3,167	3,167	3,167	3,167	3,148
	1980	1981	365	365	365	365	364
		1982	365	365	365	365	365
		1983	365	365	363	364	364
		1984	152	152	150	152	152
		1985	365	365	365	351	365
		1986		304	304	304	304
		1987	365	365	363	365	365
		1988		366	366	366	366
		1989	317	317	317	317	316
		1990	351	350	351	350	351
Total 198	30		3,315	3,314	3,309	3,299	3,312
	1990	1991	339	340	339	340	339
		1992	322	321	322	321	322
		1993	304	304	304	304	300
		1994	334	334	334	334	330
		1995	194	174	174	174	
		1996		366	366	366	183
		1997	365	365	365	365	365
		1998		365	365	365	357
		1999	353	353	353	352	352
		2000	356	355	350	355	347
Total 199	0	2000	3,298	3,277	3,272	3,276	2,895
	2000	2001	329	334	329	334	323
		2002	334	332	333	332	22
		2003	334	333	334	333	31
		2004	366	366	366	366	245
		2005	365	365	365	365	364
		2006	365	365	365	365	363
		2008	366	366	366	366	366
		2009	365	365	365	365	365
		2010		365	365	365	360
Total 200	00	2010	3,189	3,191	3,188	3,191	2,439
. 0 (0)	2010	2011		3,191	365	365	359
	2010	2011		366	366	366	363
		2012		365	365	365	365
		2013		364	365	365	364
							364
		2015		365	365	365	
		2016		366	366	366	335
Total 201	^	2017		365	365	365	365
	U		2,555	2,556	2,557	2,557	2,515







Estacion 19069 NOMBRE LA BOCA ESTADO NUEVO LEON Estacion 19069

NOMBRE LA BOCA
ESTADO NUEVO LEON

		Lluvia	(mm)			
Década	Año	Mín.	. ()	Prom.	Máx.	Desv. Est.
	1970	1972	0.0	4.5	94.0	12.6
		1973	0.0	5.0	226.0	20.9
		1974	0.0	2.0	95.0	8.7
		1975	0.0	2.7	128.0	11.9
		1976	0.0	3.7	123.7	12.9
		1977	0.0	2.3	148.0	11.7
		1978	0.0	4.2	222.5	18.0
		1979	0.0	2.7	89.5	10.3
		1980	0.0	2.4	94.2	9.6
Total 197	0		0.0	3.2	226.0	13.6
	1980	1981	0.0	3.1	101.0	11.3
		1982	0.0	2.1	140.9	10.1
		1983	0.0	3.2	89.5	11.6
		1984	0.0	3.5	78.0	12.0
		1985	0.0	2.1	59.7	7.7
		1986	0.0	2.0	61.0	6.8
		1987	0.0	2.4	70.0	8.3
		1988	0.0	2.8	327.5	18.3
		1989	0.0	1.9	91.0	9.0
		1990	0.0	2.8	110.9	9.9
Total 198	0		0.0	2.5	327.5	11.0
	1990	1991	0.0	2.5	96.5	9.3
		1992	0.0	2.4	72.0	8.1
		1993	0.0	3.8	182.2	15.4
		1994	0.0	2.8	79.2	9.1
		1995	0.0	5.8	167.5	20.8
		1996	0.0	2.3	120.5	10.9
		1997	0.0	2.6	139.0	10.2
		1998	0.0	2.5	160.0	11.7
		1999	0.0	2.2	95.4	9.4
		2000	0.0	3.5	191.7	14.9
Total 199	0	2000	0.0	2.9	191.7	12.0
	2000	2001	0.0	3.7	131.5	14.4
		2002	0.0	3.4	233.9	16.4
		2003	0.0	4.7	97.0	14.5
		2004	0.0	3.3	96.0	10.7
		2005	0.0	3.8	328.0	19.4
		2006	0.0	2.1	98.5	8.5
		2008	0.0	3.6	135.5	14.1
		2009	0.0	1.8	79.0	6.9
		2010	0.0	5.7	389.3	30.3
Total 200	0		0.0	3.6	389.3	16.4
232.230	2010	2011	0.0	1.7	116.6	9.9
	-	2012	0.0	2.2	81.0	8.1
		2013	0.0	3.8	150.9	13.8
		2014	0.0	3.7	206.0	16.6
		2015	0.0	2.7	105.5	8.6
		2013	0.0	2.7	105.8	9.5
		2010	0.0	2.5	117.0	10.0
Total 201	0	2017			206.0	
Total 201			0.0	2.8		11.3
Total gen	erai		0.0	3.0	389.3	13.1

			, ,			
Década	Año	Evap Mín.	(mm)	Dram	Máx.	Dogy Est
Decaua	1970	1972	0.2	Prom. 4.2	11.5	Desv. Est.
	1370	1973	0.2	3.7	9.8	2.0
		1974	0.1	4.2	9.7	2.3
		1975	0.1	3.8	10.3	2.0
		1976	0.1	3.2	8.3	1.9
		1977	0.1	3.8	9.5	2.1
		1978	0.1	3.5	11.0	2.0
		1979	0.2	3.3	13.5	1.8
		1980	0.2	4.2	11.0	2.5
Total 197	70		0.1	3.8	13.5	2.1
	1980	1981	0.2	3.8	8.9	2.0
		1982	0.1	4.5	11.7	2.7
		1983	0.2	4.3	12.8	2.5
		1984	0.3	4.4	11.6	2.3
		1985	0.1	4.6	11.7	2.6
		1986	0.1	4.7	10.8	2.5
		1987	0.3	3.8	9.3	2.1
		1988	0.3	4.0	9.9	2.2
		1989	0.1	4.8	11.2	2.6
		1990	0.1	4.3	12.0	2.5
Total 198	30		0.1	4.3	12.8	2.4
	1990	1991	0.1	4.3	10.6	2.5
		1992	0.1	4.7	11.7	2.8
		1993	0.1	4.2	10.7	2.5
		1994	0.1	4.4	10.5	2.5
		1995				
		1996	0.2	2.4	7.8	1.6
		1997	0.1	3.0	9.0	2.1
		1998	0.0	4.2	10.0	2.8
		1999	0.2	3.4	9.0	1.9
		2000	0.1	3.5	9.1	2.2
Total 199	90		0.0	3.8	11.7	2.5
	2000	2001	0.2	3.2	10.0	2.1
		2002	0.2	4.4	12.2	4.1
		2003	0.3	4.9	16.9	4.3
		2004	0.4	4.1	10.6	2.1
		2005	0.2	3.3	9.9	1.9
		2006	0.2	3.8	10.5	2.2
		2008	0.2	3.8	11.9	2.2
		2009	0.0	4.1	9.9	2.7
		2010	0.1	3.2	7.6	1.6
Total 200	00		0.0	3.7	16.9	2.2
	2010	2011	0.1	4.4	12.1	2.4
		2012	0.2	3.9	13.8	2.4
		2013	0.1	3.6	9.2	2.2
		2014	0.1	3.3	11.2	2.2
		2015	0.3	2.9	8.1	1.8
		2016	0.1	3.5	16.5	2.2
		2017	0.0	3.6	11.1	2.2
Total 201	10		0.0	3.6	16.5	2.2
Total ger	neral		0.0	3.9	16.9	2.3





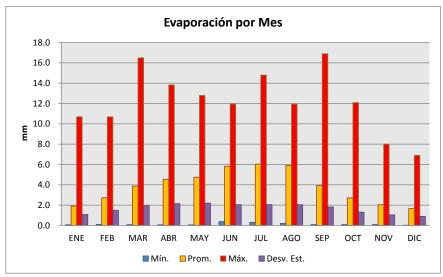
Estación	19069
NOMBRE	LA BOCA
ESTADO	NUEVO LEON

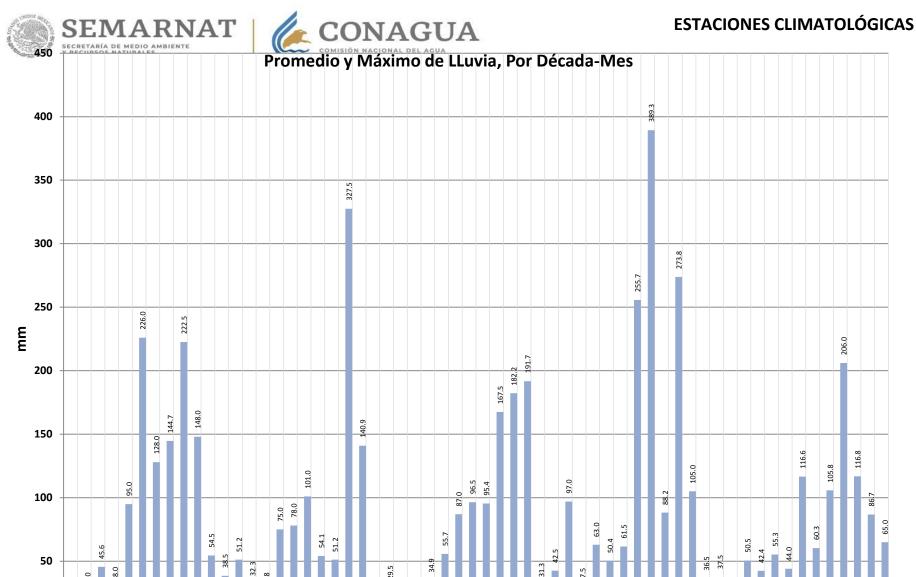
	Lluvia (mm)				
Mes	Mín.		Prom.	Máx.	Desv. Est.
ENE		0.0	0.8	97.0	4.0
FEB		0.0	0.8	50.5	3.0
MAR		0.0	1.0	63.0	4.2
ABR		0.0	1.7	75.0	6.3
MAY		0.0	2.7	95.0	9.0
JUN		0.0	4.4	255.7	16.5
JUL		0.0	3.5	389.3	17.9
AGO		0.0	4.7	167.5	14.8
SEP		0.0	10.0	327.5	26.4
OCT		0.0	4.0	191.7	14.8
NOV		0.0	1.0	86.7	4.7
DIC		0.0	0.9	65.0	4.1
Total general		0.0	3.0	389.3	13.1

Estación	19069
NOMBRE	LA BOCA
ESTADO	NUEVO LEON

	Evap (mm)				
Mes	Mín.		Prom.	Máx.	Desv. Est.
ENE		0.1	1.9	10.7	1.1
FEB		0.1	2.7	10.7	1.5
MAR		0.1	3.9	16.5	1.9
ABR		0.1	4.5	13.8	2.1
MAY		0.1	4.7	12.8	2.2
JUN		0.4	5.8	12.0	2.0
JUL		0.3	6.0	14.8	2.1
AGO		0.2	5.9	11.9	2.0
SEP		0.1	3.9	16.9	1.8
ОСТ		0.1	2.7	12.1	1.3
NOV		0.1	2.0	8.0	1.0
DIC		0.0	1.7	6.9	0.9
Total general		0.0	3.9	16.9	2.3







1970

19069, LA BOCA, NUEVO LEON, OPERANDO. Período: 01/04/1972 - 31/12/2017

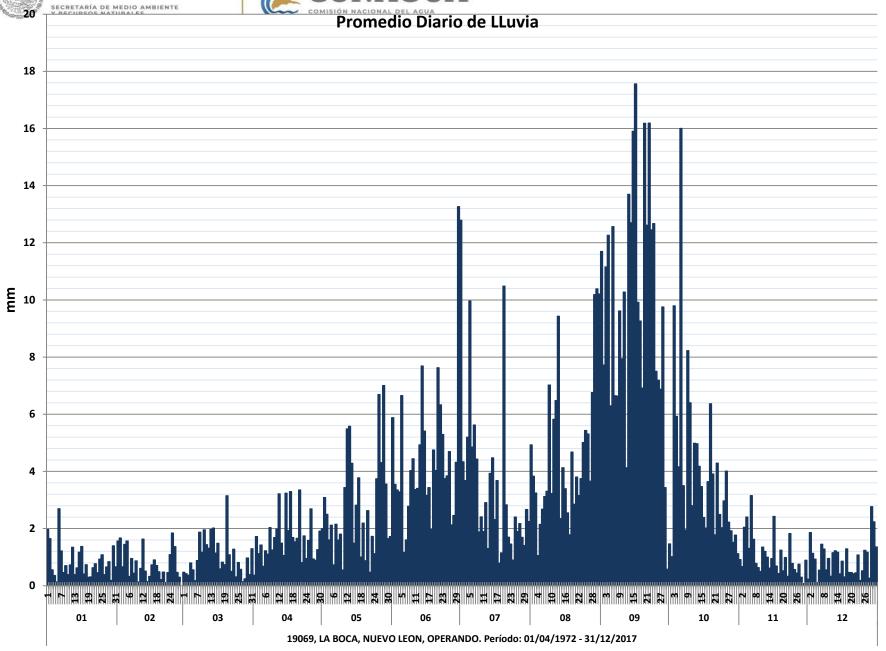
8 6 11 11 12

1980

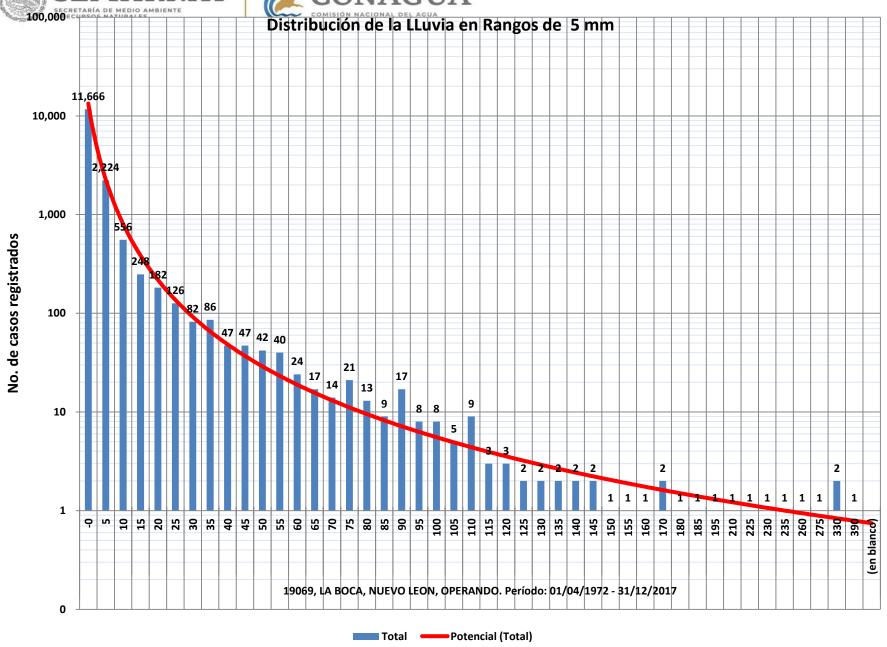
2010

2000













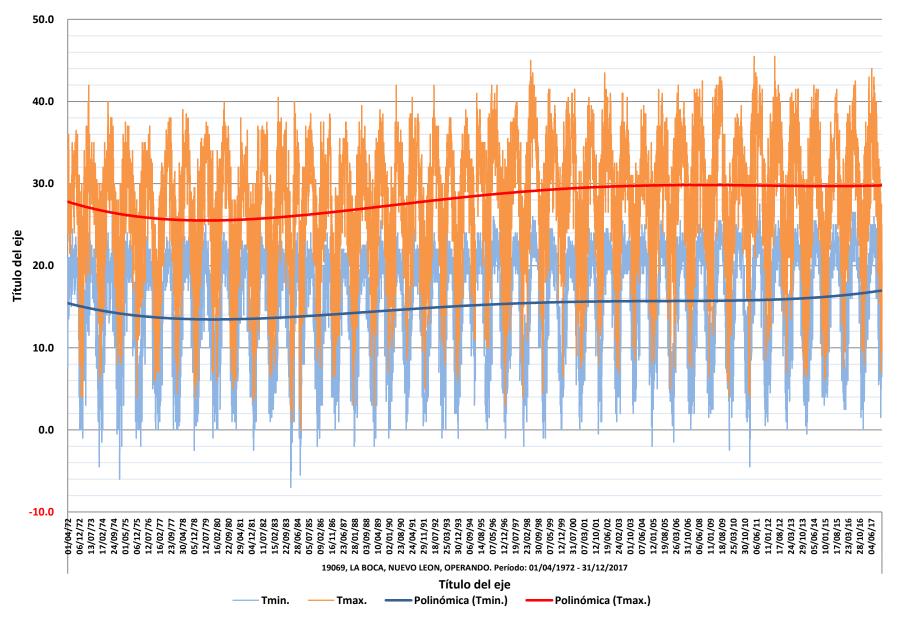
Estacion 19069 NOMBRE LA BOCA ESTADO NUEVO LEON Estacion 19069

NOMBRE LA BOCA
ESTADO NUEVO LEON

		Temp	Min (°C)			
Década	Año	Mín.		Prom.	Máx.	Desv. Est.
1	.970	1972	0.0	17.2	24.5	5.5
		1973	-4.5	13.8	24.0	6.8
		1974	-1.5	13.8	27.0	6.2
		1975	-6.0	13.8	24.0	6.6
		1976	-2.0	13.3	23.5	6.6
		1977	0.0	13.9	23.5	6.6
		1978	-2.5	14.3	23.5	6.8
		1979	-1.0	13.8	25.0	6.4
		1980	0.0	13.9	24.0	6.5
Total 1970)		-6.0	14.1	27.0	6.6
1	.980	1981	0.0	14.4	23.0	6.2
		1982	-2.5	14.0	24.0	6.8
		1983	-7.0	13.6	23.0	6.6
		1984	-1.5	13.5	24.0	7.2
		1985	-5.5	14.0	24.0	6.6
		1986	-1.0	13.4	24.0	6.4
		1987	0.0	13.2	22.0	5.9
		1988	-2.0	13.7	23.0	6.3
		1989	-2.0	13.7	25.5	6.4
		1990	0.0	13.8	24.0	5.9
Total 1980	0		-7.0	13.8	25.5	6.4
1	.990	1991	0.5	15.0	24.5	5.5
		1992	-1.0	15.3	24.0	5.4
		1993	0.0	14.0	24.0	6.3
		1994	-1.0	15.8	24.0	5.0
		1995	3.0	19.4	26.0	4.4
		1996	0.0	14.9	26.0	7.1
		1997	-2.0	14.6	24.0	6.5
		1998	1.0	15.9	26.0	6.8
		1999	-1.0	15.1	24.5	6.8
		2000	0.0	15.6	23.5	5.9
Total 1990)		-2.0	15.4	26.0	6.2
2	.000	2001	1.0	15.9	24.5	5.5
		2002	-0.5	16.0	24.5	6.7
		2003	1.0	16.6	25.5	6.2
		2004	-2.0	16.0	25.0	6.3
		2005	2.5	15.7	25.5	6.0
		2006	-1.5	15.4	25.5	6.6
		2008	0.0	15.2	25.0	6.7
		2009	2.0	16.1	25.5	6.6
		2010	-2.5	14.7	25.0	7.3
Total 2000	0		-2.5	15.7	25.5	6.5
	010	2011	-4.5	15.8	27.5	7.4
_		2012	1.0	16.5	25.5	6.0
		2013	0.0	15.7	25.0	6.5
		2014	-0.5	15.6	25.5	6.8
		2015	3.5	16.5	25.0	6.1
		2016	1.5	16.7	26.5	6.5
		2017	0.0	16.7	26.0	6.1
Total 2010	n	2017	-4.5	16.2	27.5	6.5
Total gene			-7.0	15.0	27.5	6.5

			Temp Max (°C)			
Década	Año		Mín.	Prom.	Máx.	Desv. Est.
197	0 19	72	8.0	28.6	36.5	4.9
	19	73	4.0	26.4	42.0	6.5
	19	74	6.0	26.5	40.0	6.8
	19	75	4.0	25.7	37.5	6.4
	19	76	6.0	24.7	37.0	6.9
	19	77	7.0	26.3	38.0	7.1
	19	78	4.5	26.3	39.0	7.5
	19	79	4.0	26.7	37.5	7.2
	19	80	5.0	26.7	40.0	7.4
Total 1970			4.0	26.3	42.0	6.9
198	0 19	81	6.0	24.7	38.0	6.3
	19	82	3.5	26.0	37.5	7.6
	19	83	2.5	25.8	40.5	6.9
	19	84	1.0	25.6	40.0	8.9
	19	85	0.0	26.4	38.5	7.5
		86	6.5	26.9	38.5	7.0
		87	6.5	26.0	37.5	6.9
		88	3.0	25.9	39.5	6.6
		89	3.0	26.8	39.0	7.3
	19	90	8.5	26.7	42.0	6.5
Total 1980			0.0	26.1	42.0	7.1
199		91	9.5	27.9	40.5	7.0
		92	5.0	27.7	42.0	7.3
		93	7.0	26.2	38.0	7.3
		94	6.0	27.9	39.0	6.6
		95	11.0	31.7	41.0	5.2
		96	8.0	29.9	42.0	7.0
		97	3.0	27.7	40.0	7.8
		98	4.5	30.9	45.0	7.3
		99	10.5	30.9	41.5	5.3
	20	00	6.5	30.2	41.5	7.1
Total 1990			3.0	29.0	45.0	7.1
200		01	7.5	29.0	40.5	7.1
		02	8.0	30.2	43.5	7.0
		03	7.0	28.9	41.0	6.5
		04	8.0	27.8	39.5	6.4
		05	5.0	28.4	41.5	6.9
		06	7.5	30.0	42.0	6.6
		800	6.5	30.3	42.5	6.6
		109	6.0	30.8	43.0	8.2
Total 2000	20	10	4.0	28.8	39.5	6.5
Total 2000	0 -24	111	4.0	29.4	43.5	6.9
201		11	4.0	31.7	45.5	8.0
		12 13	11.0 6.5	30.6 28.9	45.5 41.5	7.3 7.7
		14	6.5	28.9	42.0	7.9
		115	6.0	28.1	41.5	7.8
		16 17	7.5 7.0	30.1	42.5 44.0	6.8 7.2
Total 2010	20	11/	4.0	29.9	44.0 45.5	7.6
	ı		0.0	28.1	45.5	
Total genera	ll .		0.0	28.1	45.5	7.3







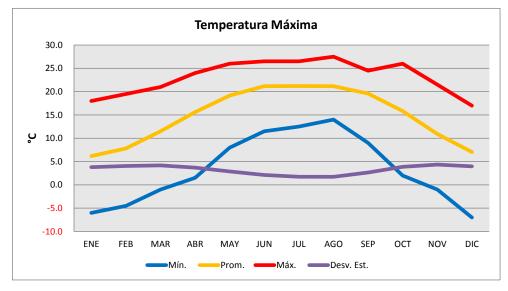


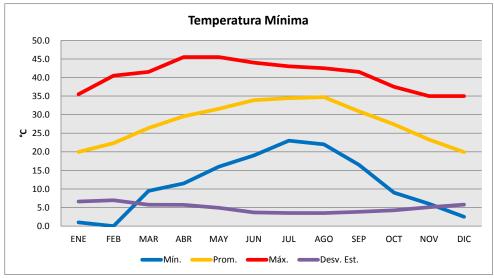
Estacion 19069 NOMBRE LA BOCA ESTADO NUEVO LEON

	Temp Min (°	C)			
Mes	Mín.		Prom.	Máx.	Desv. Est.
ENE		-6.0	6.2	18.0	3.8
FEB		-4.5	7.8	19.5	4.0
MAR		-1.0	11.5	21.0	4.2
ABR		1.5	15.6	24.0	3.7
MAY		8.0	19.2	26.0	2.9
JUN		11.5	21.2	26.5	2.1
JUL		12.5	21.2	26.5	1.8
AGO		14.0	21.2	27.5	1.7
SEP		9.0	19.6	24.5	2.7
OCT		2.0	15.8	26.0	3.9
NOV		-1.0	10.9	21.5	4.3
DIC		-7.0	7.0	17.0	4.0
Total general		-7.0	15.0	27.5	6.5

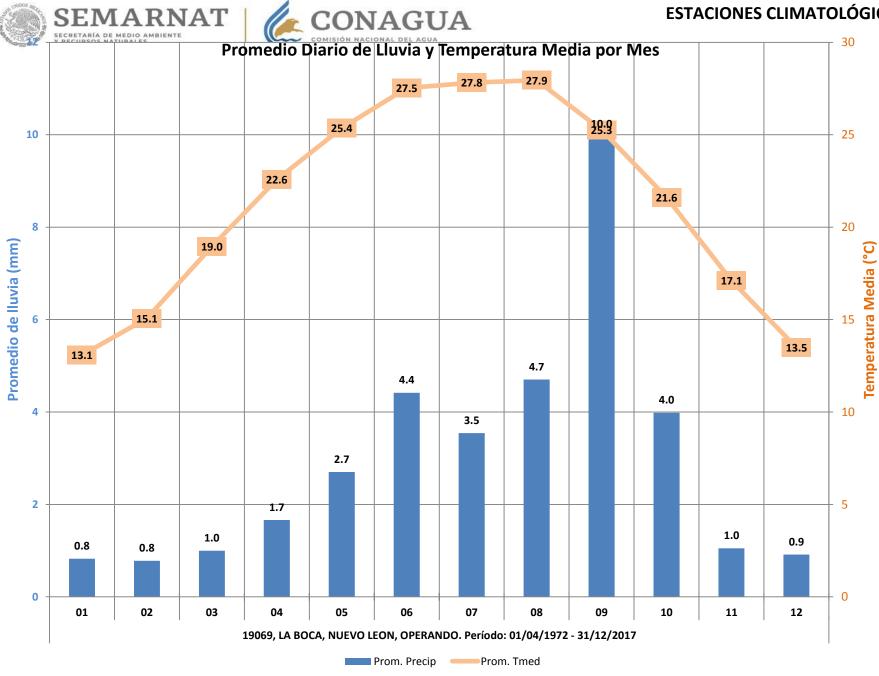
Estacion	19069
NOMBRE	LA BOCA
ESTADO	NUEVO LEON

	Temp Max (°	C)			
Mes	Mín.		Prom.	Máx.	Desv. Est.
ENE		1.0	20.0	35.5	6.6
FEB		0.0	22.3	40.5	7.0
MAR		9.5	26.4	41.5	5.8
ABR		11.5	29.6	45.5	5.7
MAY		16.0	31.6	45.5	4.9
JUN		19.0	33.9	44.0	3.7
JUL		23.0	34.4	43.0	3.5
AGO		22.0	34.7	42.5	3.5
SEP		16.5	30.9	41.5	3.8
OCT		9.0	27.4	37.5	4.3
NOV		6.0	23.3	35.0	5.1
DIC		2.5	19.9	35.0	5.8
Total general		0.0	28.1	45.5	7.3





ESTACIONES CLIMATOLÓGICAS







Estacion NOMBRE ESTADO 19069 LA BOCA NUEVO LEON

		Estación		Promedios										
		Prim	navera			Verano			Otoño			Invierno		
Déecada	Año		ia (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)
19	70	1972	5.2	18.6	28.1	4.6	20.2	32.1	4.0	13.5	25.3	0.0	3.3	
		1973	2.7	15.8	30.0	15.0	20.0	30.0	1.3	12.9	25.0	1.0	6.2	
		1974	3.4	17.0	29.5	2.1	18.8	32.0	1.3	11.5	22.4	1.0	7.7	
		1975	1.0	17.6	29.9	7.1	20.1	30.1	2.1	10.5	22.3	0.5	6.8	
		1976	2.0		27.8	8.8	19.6	30.6	3.6	10.7	19.7	0.5	5.9	
		1977	1.6		27.8	4.9	20.4	33.4	2.2	11.7	25.8	0.5	6.3	
		1978	3.0		29.8	6.0	20.8	33.5	7.5	13.2	22.6	0.4	5.4	
		1979	3.9		28.9	5.0	20.3	33.0	1.5	11.0	24.8	0.4	6.6	
		1980	1.2		28.6	4.1	20.4	34.2	3.8	12.1	22.1	0.3	6.9	
Total 1970			2.6	17.0	28.9	6.4	20.1	32.1	3.0	11.8	23.3	0.6	6.4	
1986	980	1981	5.6		27.2	4.1	20.5	30.0	1.2	12.4	23.4	1.3	7.6	
		1982	2.1	18.0	26.9	2.4	20.5	33.8	3.6	11.0	23.1	0.3	6.4	
		1983	2.5	15.9	28.6	6.4	19.9	31.6	2.3	12.4	23.9	1.5	5.7	
		1984	6.1	17.7	30.7	1.9	20.1	32.2				2.3	5.5	
		1985	3.0		29.0	2.5	20.2	33.4	1.9	12.4	24.8	0.8	6.7	
		1986	3.6		29.6	1.7	19.6	33.5	1.6	10.6	19.9	0.6	6.5	
		1987	3.3	14.5	27.0	2.6	19.8	33.2	2.4	11.1	24.7	1.1	7.2	
		1988	2.7	16.4	29.2	7.5	19.8	31.3	0.5	12.0	23.5	0.6	6.6	
		1989	0.9		31.2	3.0	20.6	32.0	3.8	10.3	23.5	0.3	8.1	
		1990	2.6		29.9	4.5	19.5	31.9	3.7	11.3	24.4	0.8	8.0	
Total 1980			3.1	16.7	28.8	3.8	20.0	32.3	2.3	11.6	23.6	0.9	6.9	
1990	990	1991	1.9	17.5	31.2	5.2	20.0	32.9	1.6	11.4	23.2	0.8	9.5	
		1992	2.7	16.7	28.1	3.0	20.4	34.9	2.4	12.9	25.1	1.2	9.0	
		1993	8.0		29.4	7.7	20.7	33.6	1.3	11.7	23.7	0.8	8.1	
		1994	1.7	17.6	29.3	6.4	20.0	33.5	1.2	14.1	25.4	1.2	9.0	
		1995	3.8	20.7	32.9	9.4	20.9	33.6	1.0	18.4	30.5	3.5	7.1	
		1996	0.7	17.6	34.0	5.9	22.1	34.9	2.4	12.9	25.8	0.2	6.9	
		1997	2.9	16.5	29.1	3.3	21.5	35.7	3.1	12.3	24.1	1.3	8.0	
		1998	0.7	18.1	36.2	5.8	22.6	36.4	3.3	15.3	26.2	0.3	7.3	
		1999	3.5	19.4	33.6	3.6	21.0	34.4	1.4	10.4	27.8	0.2	8.7	
		2000	4.6		33.3	3.2	20.2	36.5	4.8	12.5	24.6	1.0	9.9	
Total 1990	200	2004	2.6		31.8	5.4	20.9	34.7	2.3	12.9	25.4	0.8	8.4	
2000	000	2001	1.9		31.2	6.8	21.0	35.1	5.3	14.6	26.0	1.0	9.1	
		2002	0.8		33.9	7.9	21.5	34.6	4.6	14.7	26.1	0.3	7.0	
		2003	2.2		32.2	9.4	21.4	33.2	4.7	16.1	26.4	2.0	9.2	
		2004	2.3	18.7	29.1	6.1	21.5	33.8	3.4	14.2	25.8	1.4	9.4	
		2005	1.4		31.2	7.9	21.7	33.7	4.1	13.2	25.7	1.8	10.0	
		2006	1.8		33.4	3.6	21.5	34.7	2.6	13.2	25.8	0.5	8.1	
		2008	1.7 0.8	18.7 18.6	34.5 35.6	7.9 3.8	21.7 23.1	33.8 37.9	4.4 2.1	12.2 13.7	26.1 24.6	0.3	8.0	
		2010	3.1	17.8	32.1	16.2	22.5	33.8	2.1	11.1	27.4	0.6 1.0	8.9 7.3	
T-4-1 2000		2010	1.8	18.4										
Total 2000 201	110	2011	0.2		32.6 37.2	7.7 4.0	21.8 22.5	34.5 36.8	3.6 2.4	13.6 12.2	26.0 27.5	1.0 0.3	8.6 8.0	
	110	2011	1.8	19.4	34.6	3.9	22.5	36.8	2.4	15.0	26.8	0.8	9.5	
		2012	1.8		34.6	8.9	22.0	35.0	2.3	13.8	26.8	1.6	9.5	
		2013	1.9		31.9	5.6	22.1	36.0	7.5	14.5	24.2	0.7	7.3	
		2014	3.7	17.9	30.2	2.6	22.5	36.1	1.5	15.3	24.9	3.0	7.3 8.9	
		2015	1.9	19.4	30.2	5.1	22.3	36.3	2.2	15.3	26.8	1.4	9.3	
		2016	1.7	18.8	33.7	1.2	22.6	37.3	5.9	14.2	26.1	1.4	10.9	
Total 2010		2017	1.7		33.7	4.5	22.6	36.3	3.5	14.2	26.0 26.1	1.4	9.0	
Total genera			2.4	17.7	30.9	5.6	22.4	33.9	2.9	12.8	24.8	0.9	7.8	

