



NORMALES CLIMATOLÓGICAS

ZACATECAS (LA BUFA), ZAC



LATITUD N 22° 46' 42"  
 LONGITUD W 102° 33' 59"  
 ALTITUD 2612 msnm

PERIODO 1981-2000

OBSERVATORIO SINOPTICO  
 DEPENDENCIA: SMN-CNA

PARAMETROS	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
<b>TEMPERATURA</b>													
MAXIMA EXTREMA	21.8	70.3	24.8	24.4	26.2	28.3	28.0	30.2	28.5	26.5	29.2	25.1	70.3
PROMEDIO DE MAXIMA	17.9	17.8	19.9	21.1	23.9	25.7	25.4	23.4	22.4	21.6	21.8	20.9	21.8
MEDIA	12.0	12.3	14.1	15.8	18.3	19.1	18.2	17.3	16.7	15.8	15.3	14.1	15.7
PROMEDIO DE MINIMA	6.1	6.9	8.4	10.5	12.7	12.4	10.9	11.1	10.9	10.1	8.8	7.2	9.7
MINIMA EXTREMA	-5.0	-4.0	-2.6	1.4	6.0	1.4	1.3	1.0	3.2	1.8	-3.4	-12.2	-12.2
OSCILACION	11.8	10.9	11.5	10.6	11.2	13.3	14.6	12.3	11.5	11.5	13.1	13.7	12.2
TOTAL HORAS INSOLACION	236	214	278	276	304	247	231	236	208	231	244	186	2890
<b>HUMEDAD</b>													
TEMPERATURA BULBO HUMEDO	4.4	4.9	5.0	6.6	8.8	11.2	11.0	11.2	11.0	9.2	7.1	5.6	8.0
HUMEDAD RELATIVA MEDIA	48	44	36	36	42	59	69	70	71	62	53	53	54
EVAPORACION													
<b>PRECIPITACION</b>													
TOTAL	20.9	2.6	0.4	5.5	21.5	77.4	146.2	102.5	77.3	33.8	11.2	11.2	510.4
MAXIMA	130.2	16.3	3.7	33.9	99.3	222.0	480.6	228.0	276.1	81.1	44.4	61.4	480.6
MAXIMA EN 24 HRS.	47.9	16.3	2.0	21.5	79.7	64.7	83.8	98.1	62.7	40.8	27.3	26.2	98.1
MAXIMA EN 1 HORA	11.9	7.5	1.4	11.3	45.8	68.0	68.0	46.3	33.6	25.9	13.4	8.2	68.0
<b>PRESION</b>													
MEDIA EN LA ESTACION	747.2	746.9	746.1	744.8	746.8	747.3	747.5	749.1	746.8	726.5	747.6	710.8	742.3
<b>VIENTO MAXIMO DIARIO</b>													
MAGNITUD MEDIA	15.4	16.4	17.3	16.6	14.6	12.6	11.8	10.6	11.2	11.2	12.8	14.0	13.7
<b>FENOMENOS ESPECIALES</b>													
LLUVIA APRECIABLE	3.7	1.8	0.7	1.5	4.6	10.4	11.9	12.5	11.1	6.3	2.3	2.7	69.5
DESPEJADOS	11.2	8.7	10.0	9.5	8.7	5.2	1.3	0.8	1.7	9.7	10.9	10.0	87.7
MEDIO NUBLADOS	13.7	15.5	17.0	15.8	19.5	19.7	18.3	17.1	18.0	17.0	16.1	14.3	202.0
NUBLADO/CERRADO	6.0	3.8	4.1	4.6	2.8	5.1	11.5	13.1	10.3	4.3	3.1	6.6	75.3
GRANIZO	0.1	0.2	0.0	0.2	0.4	0.3	0.0	0.1	0.1	0.1	0.1	0.1	1.5
HELADA	1.1	0.6	0.2	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.2	0.6	0.2
TORMENTA ELECTRICA	0.2	0.3	0.2	0.5	1.2	3.0	3.4	2.3	1.4	0.8	0.2	0.0	13.4
NIEBLA	3.0	2.2	0.8	1.2	0.9	4.0	7.7	5.4	8.4	6.6	2.6	3.1	45.8

UNIDADES: TEMPERATURA ( °C ), HUMEDAD RELATIVA ( % ), PRECIPITACION Y EVAPORACIÓN ( mm ), PRESION ( mb ), VIENTO ( m/s ) Y FENÓMENOS ESPECIALES ( días ).