

REGISTROS DE PRECIPITACION MENSUAL EN [mm] - Achumani
DATOS SENAMHI REGIONAL - La Paz

ANO / MES	ENE	FEB	MAR	ABR	MAY	JUN	JUL	AGO	SEP	OCT	NOV	DIC	ANUAL
1985													
1986													
1987													
1988													
1989													
1990													
1991	105.4	32.4	60.0	14.0	19.0	21.5	0.0	7.9	12.7	6.8	47.1	50.4	377.2
1992	106.8	44.7	23.3	16.5	0.0	10.0				39.6	48.6	37.3	
1993	199.2	17.6	42.5	28.1	4.2		1.2	32.2	25.9	52.0	37.0	59.2	
1994	62.8	53.9	37.4	64.5	9.5	15.5	1.3	2.3	25.0	38.3	44.6	66.7	421.8
1995	87.5	66.6	99.0	20.6	3.8	0.0	5.2	15.6	0.8	14.4	52.0	176.9	542.4
1996	187.5	23.5	29.4		0.0	0.0	0.0						
1997													
1998	99.3	45.5	93.0	32.5	0.0	16.6	0.0	8.6	0.0	37.6		23.2	
1999													
2000								21.8	0.5	59.8	9.1	102.6	
2001	166.5	93.5	66.0	29.7	18.5	5.2	9.6	31.0	14.8	61.0	13.1	87.6	596.5
2002	79.6	104.0	109.4	29.7	13.6	9.7	37.5	9.2	37.0	95.2	37.5	70.9	633.3
2003	137.0	123.6	85.6	16.6	5.8	0.6	2.3	7.6	27.6	28.9	23.2	100.1	558.9
2004	211.8	69.4	49.6	8.7	6.0	5.3	15.3	13.3	26.2	18.3	77.9	68.5	570.3
2005	109.5	59.9	29.6	22.3	0.0	0.0	1.0	0.0	46.5	76.4	76.2	52.8	474.2
2006	173.6	89.6	69.7	18.0	2.0	0.0	0.0	17.0	13.2	34.1	77.3	122.0	616.5
2007	123.9	98.4	93.7	61.8	12.2	0.0	28.0	0.1	43.4	21.1	38.7	140.1	661.4
2008	211.5	66.4	37.7	3.4	12.6	9.8	5.7	4.5	10.6	35.0	20.8	118.2	536.2
2009	88.2	115.3	37.6	20.5	3.6	0.0	9.9	3.6	27.2	36.8	60.8	110.4	513.9
2010	194.2	190.6	66.6	21.4	58.0	0.0	19.6	4.8	5.1	39.6	4.3	53.5	657.7
2011	51.1	128.9	55.7	0.3	10.5	0.0	12.8	0.0	24.3	35.0	13.4	81.7	413.7
2012	83.5	132.5	50.9	43.6	1.7	18.1	5.7	1.2	1.0	24.6	66.6	80.6	510.0
2013	88.3	117.8	55.4	4.7	53.4	37.1	9.6	12.4	1.5	13.7			
2014			48.6	10.2	26.1	0.0	2.5	7.9	38.1	22.5	7.7	70.3	
2015	128.3	93.3	94.6	47.4	4.9	0.0	12.0	14.4	26.3	45.3	45.7	50.4	562.6
2016	63.9	153.5	4.6	20.6	0.0	4.7	1.4	14.1	12.6	60.5	15.9	70.9	422.7
2017	106.4	47.9	136.0	45.0	52.5	0.5	0.8	0.0					
2018													
2019													
2020													

Datos Rellenado

SERIE DE TIEMPO DE PRECIPITACION MENSUAL EN [mm] - ESTACION

ANO / MES	AGO	SEP	OCT	NOV	DIC	ENE	FEB	MAR	ABR	MAY	JUN	JUL	ANUAL
85/86													0.0
86/87													0.0
87/88													0.0
88/89													0.0
89/90													0.0
90/91													0.0
91/92	7.9	12.7	6.8	47.1	50.4	105.4	32.4	60.0	14.0	19.0	21.5	0.0	377.2
92/93	10.0	19.1	39.6	48.6	37.3	106.8	44.7	23.3	16.5	0.0	10.0	7.9	363.8
93/94	32.2	25.9	52.0	37.0	59.2	199.2	17.6	42.5	28.1	4.2	6.7	1.2	505.8
94/95	2.3	25.0	38.3	44.6	66.7	62.8	53.9	37.4	64.5	9.5	15.5	1.3	421.8
95/96	15.6	0.8	14.4	52.0	176.9	87.5	66.6	99.0	20.6	3.8	0.0	5.2	542.4
96/97	10.0	19.1	39.0	38.9	81.6	187.5	23.5	29.4	25.2	0.0	0.0	0.0	454.1
97/98	10.0	19.1	39.0	38.9	81.6	124.6	85.6	61.5	25.2	13.2	6.7	7.9	513.3
98/99	8.6	0.0	37.6		23.2	99.3	45.5	93.0	32.5	0.0	16.6	0.0	356.3
99/00	10.0	19.1	39.0	38.9	81.6	124.6	85.6	61.5	25.2	13.2	6.7	7.9	513.3
00/01	21.8	0.5	59.8	9.1	102.6	124.6	85.6	61.5	25.2	13.2	6.7	7.9	518.6
01/02	31.0	14.8	61.0	13.1	87.6	166.5	93.5	66.0	29.7	18.5	5.2	9.6	596.5
02/03	9.2	37.0	95.2	37.5	70.9	79.6	104.0	109.4	29.7	13.6	9.7	37.5	633.3
03/04	7.6	27.6	28.9	23.2	100.1	137.0	123.6	85.6	16.6	5.8	0.6	2.3	558.9
04/05	13.3	26.2	18.3	77.9	68.5	211.8	69.4	49.6	8.7	6.0	5.3	15.3	570.3
05/06	0.0	46.5	76.4	76.2	52.8	109.5	59.9	29.6	22.3	0.0	0.0	1.0	474.2
06/07	17.0	13.2	34.1	77.3	122.0	173.6	89.6	69.7	18.0	2.0	0.0	0.0	616.5
07/08	0.1	43.4	21.1	38.7	140.1	123.9	98.4	93.7	61.8	12.2	0.0	28.0	661.4
08/09	4.5	10.6	35.0	20.8	118.2	211.5	66.4	37.7	3.4	12.6	9.8	5.7	536.2
09/10	3.6	27.2	36.8	60.8	110.4	88.2	115.3	37.6	20.5	3.6	0.0	9.9	513.9
10/11	4.8	5.1	39.6	4.3	53.5	194.2	190.6	66.6	21.4	58.0	0.0	19.6	657.7
11/12	0.0	24.3	35.0	13.4	81.7	51.1	128.9	55.7	0.3	10.5	0.0	12.8	413.7
12/13	1.2	1.0	24.6	66.6	80.6	83.5	132.5	50.9	43.6	1.7	18.1	5.7	510.0
13/14	12.4	1.5	13.7	38.9	81.6	88.3	117.8	55.4	4.7	53.4	37.1	9.6	514.4
14/15	7.9	38.1	22.5	7.7	70.3	124.6	85.6	48.6	10.2	26.1	0.0	2.5	444.1
15/16	14.4	26.3	45.3	45.7	50.4	128.3	93.3	94.6	47.4	4.9	0.0	12.0	562.6
16/17	14.1	12.6	60.5	15.9	70.9	63.9	153.5	4.6	20.6	0.0	4.7	1.4	422.7
17/18	0.0	19.1	39.0	38.9	81.6	106.4	47.9	136.0	45.0	52.5	0.5	0.8	567.7
18/19													0.0
19/20													0.0

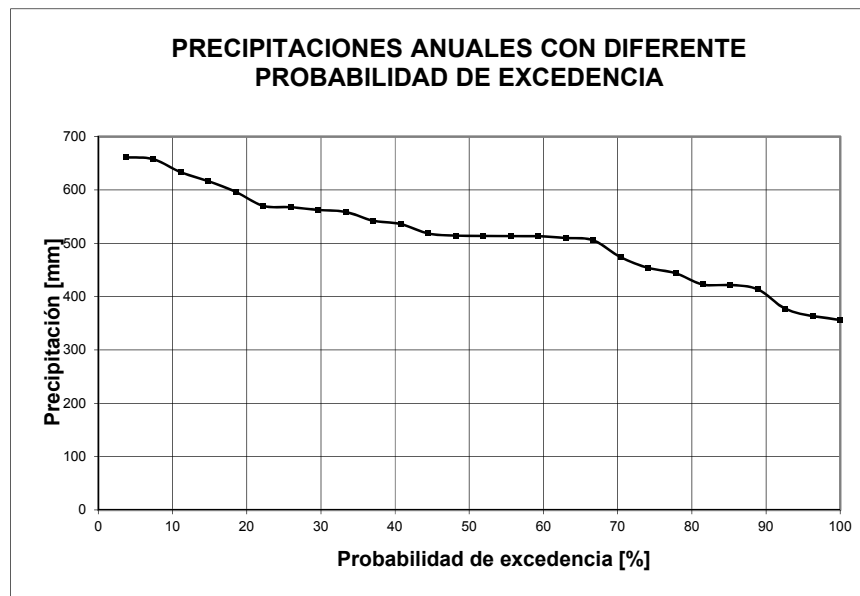
Media Mensual	9.98	19.10	38.98	38.93	81.56	124.60	85.60	61.50	25.22	13.25	6.72	7.89	394.9
Desvio standard	8.4	13.1	19.4	21.5	32.4	46.6	40.4	29.3	16.0	16.4	8.8	8.9	230.5
Incidencia mensu	1.9	3.7	7.6	7.3	15.9	24.3	16.7	12.0	4.9	2.6	1.3	1.5	

Datos rellenados

Fuente de la información básica: SENAMHI -La Paz

PRECIPITACIONES CON DIFERENTE PROBABILIDAD DE EXCEDENCIA

AÑO / MES	P anual [mm]	Nro. de orden	Prob. De exce [%]	P anual [mm]
91/92	377.2	1	3.70	661.40
92/93	363.8	2	7.41	657.70
93/94	505.8	3	11.11	633.30
94/95	421.8	4	14.81	616.50
95/96	542.4	5	18.52	596.50
96/97	454.1	6	22.22	570.30
97/98	513.3	7	25.93	567.67
98/99	356.3	8	29.63	562.60
99/00	513.3	9	33.33	558.90
00/01	518.6	10	37.04	542.40
01/02	596.5	11	40.74	536.20
02/03	633.3	12	44.44	518.57
03/04	558.9	13	48.15	514.39
04/05	570.3	14	51.85	513.90
05/06	474.2	15	55.56	513.32
06/07	616.5	16	59.26	513.32
07/08	661.4	17	62.96	510.00
08/09	536.2	18	66.67	505.82
09/10	513.9	19	70.37	474.20
10/11	657.7	20	74.07	454.14
11/12	413.7	21	77.78	444.10
12/13	510.0	22	81.48	422.70
13/14	514.4	23	85.19	421.80
14/15	444.1	24	88.89	413.70
15/16	562.6	25	92.59	377.20
16/17	422.7	26	96.30	363.77
17/18	567.7	27	100.00	356.30



Precipitación Cofiable Pc

Nota: La Probailidad de excedencia[mm] es 75%

Probailidad	Pc [mm]
75 %	459.15

PRECIPITACIONES CONFIABLE MENSUAL

Mes	AGO	SEP	OCT	NOV	DIC	ENE	FEB	MAR	ABR	MAY	JUN	JUL
Incidencia mensu	1.9	3.7	7.6	7.3	15.9	24.3	16.7	12.0	4.9	2.6	1.3	1.5
Pc [mm]	9.0	17.1	35.0	33.6	73.2	111.8	76.8	55.2	22.6	11.9	6.0	7.1