

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

ENERO 2021	VILLA VICTORIA		LLUVIA	VALLE DE BRAVO		LLUVIA	EL BOSQUE		LLUVIA	SUMA ALMACENAMIENTO
	ALMAC. Mm ³	%		ALMAC. Mm ³	%		ALMAC. Mm ³	%		
	CAPACIDAD 185.731 Mm ³			CAPACIDAD 394.390 Mm ³			CAPACIDAD 202.400 Mm ³			
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	m ³
1	96.220	51.81	0.0	265.260	67.26	0.0	124.298	61.41	0.0	485.778.000
2	95.986	51.68	0.0	264.972	67.19	0.0	123.428	60.98	0.0	484.386.000
3	95.752	51.55	0.0	264.682	67.11	0.0	122.558	60.55	0.0	482.992.000
4	95.518	51.43	0.0	264.393	67.04	0.0	121.601	60.08	0.0	481.512.000
5	95.050	51.18	0.0	264.393	67.04	0.0	120.644	59.61	0.0	480.087.000
6	94.816	51.05	0.0	264.248	67.00	0.0	119.774	59.18	0.0	478.838.000
7	94.582	50.92	0.0	264.248	67.00	0.0	118.976	58.78	0.0	477.806.000
8	94.372	50.81	0.0	264.103	66.96	0.0	118.820	58.71	0.0	477.295.000
9	94.161	50.70	0.0	263.667	66.85	0.0	118.820	58.71	0.0	476.648.000
10	93.740	50.47	0.0	263.376	66.78	0.0	118.664	58.63	0.0	475.780.000
11	93.530	50.36	0.0	262.938	66.67	0.0	118.508	58.55	0.0	474.976.000
12	93.319	50.24	0.0	262.352	66.52	0.0	118.430	58.51	0.0	474.101.000
13	93.319	50.24	0.0	261.618	66.33	0.0	118.352	58.47	0.0	473.289.000
14	92.898	50.02	0.0	260.731	66.11	0.0	118.118	58.36	0.0	471.747.000
15	92.898	50.02	0.0	259.989	65.92	0.0	117.260	57.93	0.0	470.147.000
16	92.898	50.02	0.0	259.244	65.73	0.0	116.402	57.51	0.0	468.544.000
17	92.898	50.02	0.0	258.795	65.62	0.0	115.622	57.13	0.0	467.315.000
18	92.898	50.02	0.0	258.194	65.47	0.0	114.920	56.78	0.0	466.012.000
19	92.898	50.02	0.0	257.591	65.31	0.0	114.140	56.39	0.0	464.629.000
20	92.898	50.02	0.0	256.985	65.16	0.0	113.516	56.08	0.0	463.399.000
21	93.109	50.13	0.0	256.985	65.16	0.0	112.736	55.70	0.0	462.830.000
22	93.109	50.13	0.0	256.833	65.12	0.0	112.658	55.66	0.0	462.600.000
23	93.109	50.13	0.0	256.377	65.01	0.0	112.502	55.58	0.0	461.988.000
24	93.109	50.13	0.0	255.919	64.89	0.0	112.424	55.55	0.0	461.452.000
25	93.109	50.13	0.0	255.152	64.70	0.0	112.346	55.51	0.0	460.607.000
26	93.109	50.13	0.0	254.381	64.50	0.0	112.268	55.47	0.0	459.758.000
27	93.109	50.13	0.0	253.451	64.26	0.0	112.190	55.43	0.0	458.750.000
28	92.898	50.02	0.0	252.825	64.11	0.0	111.878	55.28	0.0	457.601.000
29	92.477	49.79	0.0	252.042	63.91	0.0	111.000	54.84	0.0	455.519.000
30	92.056	49.56	0.0	251.252	63.71	0.0	110.120	54.41	0.0	453.428.000
31	91.846	49.45	0.0	250.776	63.59	0.0	109.240	53.97	0.0	451.862.000
PROM	93.303		0.0	260.343		0.0	118.200		0.0	469.086.323

NAMINO	30'000,000 m ³ .	NAMINO	50'000,000 m ³ .	NAMINO	60'000,000 m ³ .	NAMINO SISTEMA = 14
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LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS
FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	57.74%
451,862,000	782,521,000	

**REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SISTEMA
BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000**

ENERO 2021	TURBIDEZ (UNT)	COLOR (Upt-Co)	pH LIMITE	CIRESIDUAL	DUREZA	SABOR	OLOR
	LIMITE PERMISIBLE POR 5.0	LIMITE PERMISIBLE POR 20.0	PERMISIBLE POR LA NORMA 6.5 - 8.5	LIBRE mg/l LIMITE 0.2 - 1.5	(mg/l como Ca CO3) LIMITE 500	LIMITE PERMISIBLE POR LA NORMA AGRADABLE	
1	0.47	2.50	7.75	0.83	68.40	AGRADABLE	AGRADABLE
2	0.62	2.50	7.88	0.84	68.55	AGRADABLE	AGRADABLE
3	0.51	2.50	7.83	0.72	71.10	AGRADABLE	AGRADABLE
4	0.76	2.50	7.88	0.94	70.20	AGRADABLE	AGRADABLE
5	0.48	2.50	7.99	0.64	79.05	AGRADABLE	AGRADABLE
6	0.63	2.50	8.03	0.62	85.35	AGRADABLE	AGRADABLE
7	0.59	2.50	7.87	0.63	76.05	AGRADABLE	AGRADABLE
8	0.60	2.50	7.84	0.67	87.60	AGRADABLE	AGRADABLE
9	0.53	2.50	7.86	0.77	67.65	AGRADABLE	AGRADABLE
10	0.51	2.50	7.81	0.86	63.45	AGRADABLE	AGRADABLE
11	0.53	2.50	7.72	0.90	64.35	AGRADABLE	AGRADABLE
12	0.45	2.50	7.67	0.89	63.60	AGRADABLE	AGRADABLE
13	0.59	2.50	7.88	0.74	64.05	AGRADABLE	AGRADABLE
14	0.60	2.50	7.78	0.77	61.50	AGRADABLE	AGRADABLE
15	0.55	2.50	7.84	0.77	65.70	AGRADABLE	AGRADABLE
16	0.61	2.50	7.83	0.88	79.80	AGRADABLE	AGRADABLE
17	0.58	2.50	7.90	0.84	76.20	AGRADABLE	AGRADABLE
18	0.59	2.50	8.03	0.91	73.65	AGRADABLE	AGRADABLE
19	0.55	2.50	7.91	0.83	71.40	AGRADABLE	AGRADABLE
20	0.61	2.50	7.82	0.81	70.35	AGRADABLE	AGRADABLE
21	0.53	2.50	7.93	0.73	78.90	AGRADABLE	AGRADABLE
22	0.58	2.50	7.92	0.85	83.55	AGRADABLE	AGRADABLE
23	0.50	2.50	7.73	0.86	68.40	AGRADABLE	AGRADABLE
24	0.38	2.50	7.68	0.83	62.10	AGRADABLE	AGRADABLE
25	0.45	2.50	7.80	0.87	67.50	AGRADABLE	AGRADABLE
26	0.58	2.50	7.75	0.92	62.25	AGRADABLE	AGRADABLE
27	0.54	2.50	7.77	0.890	61.05	AGRADABLE	AGRADABLE
28	0.58	2.50	7.84	0.670	64.35	AGRADABLE	AGRADABLE
29	0.60	2.50	7.81	0.940	65.10	AGRADABLE	AGRADABLE
30	0.73	2.50	7.89	0.760	74.25	AGRADABLE	AGRADABLE
31	0.78	2.50	8.02	0.800	74.85	AGRADABLE	AGRADABLE

"Juntos Cuidamos el Agua"

ALMACENAMIENTO

%

62.08
61.90
61.72
61.53
61.35
61.19
61.06
60.99
60.91
60.80
60.70
60.59
60.48
60.29
60.08
59.88
59.72
59.55
59.38
59.22
59.15
59.12
59.04
58.97
58.86
58.75
58.62
58.48
58.21
57.94
57.74

10'000,000 m³.

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

FEBRERO 2021	VILLA VICTORIA CAPACIDAD 185.731 Mm ³		LLUVIA mm	VALLE DE BRAVO CAPACIDAD 394.390 Mm ³		LLUVIA mm	EL BOSQUE CAPACIDAD 202.400 Mm ³		LLUVIA mm	SUMA ALMACENAMIENTO m ³
	ALMAC. Mm ³	%		ALMAC. Mm ³	%		ALMAC. Mm ³	%		
1	91.215	49.11	0.0	250.138	63.42	0.0	108.360	53.54	0.0	449,713,000
2	90.583	48.77	0.0	250.138	63.42	0.0	107.400	53.06	0.0	448,121,000
3	90.162	48.54	0.0	249.496	63.26	0.0	106.600	52.67	0.0	446,258,000
4	89.741	48.32	0.0	249.496	63.26	0.0	105.880	52.31	0.0	445,117,000
5	89.321	48.09	0.0	249.335	63.22	0.0	105.640	52.19	0.0	444,296,000
6	88.268	47.52	0.0	249.335	63.22	0.0	105.560	52.15	0.0	443,163,000
7	87.637	47.18	0.0	249.174	63.18	0.0	105.400	52.08	0.0	442,211,000
8	87.216	46.96	0.0	249.174	63.18	0.0	105.320	52.04	0.0	441,710,000
9	86.374	46.50	0.0	248.851	63.10	0.0	105.320	52.04	0.0	440,545,000
10	85.743	46.17	0.0	248.365	62.97	0.0	105.240	52.00	0.0	439,348,000
11	84.901	45.71	0.0	248.039	62.89	0.0	104.920	51.84	0.0	437,860,000
12	84.269	45.37	0.0	248.039	62.89	0.0	104.120	51.44	0.0	436,428,000
13	83.638	45.03	0.0	247.549	62.77	0.0	103.116	50.95	0.0	434,303,000
14	83.007	44.69	0.0	247.549	62.77	0.0	102.280	50.53	0.0	432,836,000
15	82.375	44.35	0.0	247.549	62.77	0.0	101.444	50.12	0.0	431,368,000
16	81.744	44.01	0.0	247.549	62.77	0.0	100.532	49.67	0.0	429,825,000
17	80.902	43.56	0.0	248.202	62.93	0.0	99.696	49.26	0.0	428,800,000
18	80.271	43.22	0.0	248.202	62.93	0.0	98.936	48.88	0.0	427,409,000
19	79.639	42.88	0.0	248.202	62.93	0.0	98.860	48.84	0.0	426,701,000
20	79.008	42.54	0.0	247.549	62.77	0.0	98.708	48.77	0.0	425,265,000
21	78.377	42.20	0.0	247.057	62.64	0.0	98.632	48.73	0.0	424,066,000
22	77.535	41.75	0.0	246.397	62.48	0.0	98.556	48.69	0.0	422,488,000
23	77.114	41.52	0.0	246.065	62.39	0.0	98.404	48.62	0.0	421,583,000
24	77.114	41.52	0.0	245.231	62.18	0.0	98.404	48.62	0.0	420,749,000
25	76.693	41.29	0.0	244.389	61.97	0.0	98.176	48.51	0.0	419,258,000
26	76.482	41.18	0.0	243.711	61.79	0.0	97.188	48.02	0.0	417,381,000
27	76.272	41.07	0.0	243.711	61.79	0.0	96.276	47.57	0.0	416,259,000
28	76.062	40.95	0.0	242.855	61.58	0.0	95.470	47.17	0.0	414,387,000
29										
PROG	82.917		0.0	247.549		0.0	99.696		0.0	432,408,857
NAMINO		30'000,000 m ³ .		NAMINO		50'000,000 m ³ .	NAMINO		60'000,000 m ³ .	NAMINO SISTEMA = 14

LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS
FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	52.96%
414,387,000	782,521,000	

**REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SISTEMA
BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000**

FEBRERO 2021	TURBIDEZ (UNT) LIMITE PERMISIBLE 5.0	COLOR (Upt-Co) LIMITE PERMISIBLE 20.0	pH LIMITE PERMISIBLE POR LA NORMA 6.5 - 8.5	CI RESIDUAL LIBRE mg/l LIMITE 0.2 - 1.5	DUREZA (mg/l como Ca CO3) LIMITE 500	SABOR LIMITE PERMISIBLE POR LA NORMA AGRADABLE	OLOR LIMITE PERMISIBLE POR LA NORMA AGRADABLE
	1	0.76	2.50	7.93	0.87	78.90	AGRADABLE
2	0.75	2.50	7.83	0.77	72.60	AGRADABLE	AGRADABLE
3	0.54	2.50	7.72	0.90	70.05	AGRADABLE	AGRADABLE
4	0.72	2.50	7.81	0.76	72.60	AGRADABLE	AGRADABLE
5	0.63	2.50	7.79	0.75	66.45	AGRADABLE	AGRADABLE
6	0.64	2.50	7.69	0.90	67.80	AGRADABLE	AGRADABLE
7	0.54	2.50	7.70	0.85	60.60	AGRADABLE	AGRADABLE
8	0.62	2.50	7.73	0.83	61.65	AGRADABLE	AGRADABLE
9	0.58	2.50	7.83	0.79	62.70	AGRADABLE	AGRADABLE
10	0.57	2.50	7.78	0.76	59.40	AGRADABLE	AGRADABLE
11	0.65	2.50	7.83	0.83	58.50	AGRADABLE	AGRADABLE
12	0.70	2.50	7.88	0.87	63.15	AGRADABLE	AGRADABLE
13	0.74	2.50	7.92	0.84	60.45	AGRADABLE	AGRADABLE
14	0.83	2.50	8.03	0.85	71.25	AGRADABLE	AGRADABLE
15	0.77	2.50	8.02	0.74	70.65	AGRADABLE	AGRADABLE
16	0.63	2.50	7.92	0.80	84.30	AGRADABLE	AGRADABLE
17	0.62	2.50	7.72	0.84	74.85	AGRADABLE	AGRADABLE
18	0.59	2.50	7.86	0.81	79.95	AGRADABLE	AGRADABLE
19	0.95	2.50	7.91	0.79	73.35	AGRADABLE	AGRADABLE
20	0.88	2.50	7.81	0.76	66.15	AGRADABLE	AGRADABLE
21	0.88	2.50	7.77	0.86	69.90	AGRADABLE	AGRADABLE
22	0.93	2.50	7.93	0.77	68.25	AGRADABLE	AGRADABLE
23	0.62	2.50	7.89	0.77	68.10	AGRADABLE	AGRADABLE
24	0.61	2.50	7.82	0.88	59.85	AGRADABLE	AGRADABLE
25	0.55	2.50	7.82	0.86	62.70	AGRADABLE	AGRADABLE
26	0.58	2.50	7.76	0.85	62.10	AGRADABLE	AGRADABLE
27	0.61	2.50	7.88	0.880	72.60	AGRADABLE	AGRADABLE
28	0.71	2.50	7.94	0.860	78.24	AGRADABLE	AGRADABLE
29							

"Juntos Cuidamos el Agua"

ALMACENAMIENTO

%

57.47
57.27
57.03
56.88
56.78
56.63
56.51
56.45
56.30
56.15
55.96
55.77
55.50
55.31
55.13
54.93
54.80
54.62
54.53
54.35
54.19
53.99
53.87
53.77
53.58
53.34
53.19
52.96

0'000,000 m³.

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

MARZO 2021	VILLA VICTORIA		LLUVIA	VALLE DE BRAVO		LLUVIA	EL BOSQUE		LLUVIA	SUMA ALMACENAMIENTO	ALMACENAMIENTO
	CAPACIDAD 185,731 Mm ³			CAPACIDAD 194,398 Mm ³			CAPACIDAD 203,420 Mm ³				
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	m ³	%
1	75,851	40.84	0.0	242,855	61.58	0.0	94,521	46.70	0.0	413,227,000	52.81
2	75,430	40.61	0.0	242,510	61.49	0.0	93,645	46.27	0.0	411,585,000	52.60
3	75,009	40.39	0.0	242,337	61.45	0.0	93,061	45.98	0.0	410,407,000	52.45
4	74,799	40.27	0.0	241,990	61.36	0.0	92,112	45.51	0.0	408,901,000	52.25
5	74,378	40.05	0.0	241,292	61.18	0.0	91,966	45.44	0.0	407,636,000	52.09
6	73,957	39.82	0.0	240,587	61.00	0.0	91,893	45.40	0.0	406,437,000	51.94
7	73,536	39.59	4.0	239,697	60.78	0.0	91,820	45.37	0.0	405,053,000	51.76
8	73,353	39.49	0.0	238,614	60.50	0.0	91,747	45.33	0.0	403,714,000	51.59
9	72,998	39.30	0.0	237,513	60.22	0.0	91,674	45.29	0.0	402,185,000	51.40
10	72,806	39.20	0.0	236,580	59.99	0.0	91,601	45.26	0.0	400,987,000	51.24
11	72,623	39.10	0.0	235,633	59.75	0.0	91,236	45.08	0.0	399,492,000	51.05
12	72,441	39.00	0.0	234,668	59.50	0.0	90,360	44.64	0.0	397,469,000	50.79
13	72,258	38.90	0.0	234,277	59.40	0.0	89,338	44.14	0.0	395,873,000	50.59
14	71,893	38.71	0.0	233,883	59.30	0.0	88,382	43.67	0.0	394,158,000	50.37
15	71,528	38.51	0.0	233,883	59.30	0.0	87,568	43.26	0.0	392,979,000	50.22
16	71,346	38.41	0.0	233,685	59.25	0.0	86,532	42.75	0.0	391,563,000	50.04
17	71,163	38.32	0.0	233,286	59.15	0.0	85,496	42.24	0.0	389,945,000	49.83
18	70,795	38.12	1.0	232,680	59.00	0.0	84,682	41.84	0.0	388,157,000	49.60
19	70,433	37.92	0.0	231,858	58.79	0.0	84,682	41.84	0.0	386,973,000	49.45
20	70,251	37.82	0.0	230,591	58.47	0.0	84,534	41.77	0.0	385,376,000	49.25
21	69,886	37.63	0.0	229,719	58.25	0.0	84,386	41.69	0.0	383,991,000	49.07
22	69,703	37.53	0.0	228,589	57.96	0.0	84,312	41.66	0.0	382,604,000	48.89
23	69,156	37.23	0.0	227,647	57.72	0.0	84,312	41.66	0.0	381,115,000	48.70
24	68,973	37.14	0.0	225,603	57.20	0.0	84,164	41.58	0.0	378,740,000	48.40
25	68,791	37.04	0.0	223,772	56.74	0.0	83,794	41.40	0.0	376,357,000	48.10
26	68,426	36.84	0.0	222,763	56.48	0.0	81,796	40.41	0.0	372,985,000	47.66
27	68,243	36.74	0.0	222,763	56.48	0.0	80,770	39.91	0.0	371,776,000	47.51
28	68,061	36.64	0.0	222,636	56.45	0.0	79,602	39.33	0.0	370,299,000	47.32
29	67,696	36.45	0.0	222,763	56.48	0.0	78,653	38.86	0.0	369,112,000	47.17
30	67,331	36.25	0.0	222,636	56.45	0.0	77,631	38.36	0.0	367,598,000	46.98
31	66,966	36.06	0.0	222,509	56.42	0.0	76,317	37.71	0.0	365,792,000	46.75
TOTAL	71,356		1.0	232,578		0.0	86,938		0.0	390,725,355	

NAMINO	30'000,000 m ³ .	NAMINO	50'000,000 m ³ .	NAMINO	60'000,000 m ³ .	NAMINO SISTEMA = 140'000,000 m ³ .
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LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm

LLIGERAS A MODERADAS
FUERTES

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	
365,792,000	782,521,000	46.75%

Mm³ : Millones de metros cubicos

**REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SISTEMA
BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000**

MARZO 2021	TURBIDEZ (UNT)	COLOR (Upt-Co)	ph LIMITE	CI RESIDUAL LIBRE	DUREZA	SABOR	OLOR
	LIMITE PERMISIBLE POR LA NORMA	LIMITE PERMISIBLE POR LA NORMA	PERMISIBLE POR LA NORMA	mg/l LIMITE PERMISIBLE POR LA NORMA	(mg/l como Ca CO3) LIMITE PERMISIBLE POR LA NORMA	LIMITE PERMISIBLE POR LA NORMA	
	5.0	20.0	6.5 - 8.5	0.2 - 1.5	500	AGRADABLE	
1	0.61	2.50	7.94	0.72	69.90	AGRADABLE	AGRADABLE
2	0.70	2.50	8.00	0.76	75.60	AGRADABLE	AGRADABLE
3	0.81	2.50	7.95	0.86	73.95	AGRADABLE	AGRADABLE
4	0.66	2.50	7.84	0.95	75.45	AGRADABLE	AGRADABLE
5	0.68	2.50	7.85	0.86	71.10	AGRADABLE	AGRADABLE
6	0.55	2.50	7.82	1.03	61.35	AGRADABLE	AGRADABLE
7	0.56	2.50	7.78	0.82	60.75	AGRADABLE	AGRADABLE
8	0.86	2.50	7.96	0.83	69.15	AGRADABLE	AGRADABLE
9	0.46	2.50	7.97	0.87	61.80	AGRADABLE	AGRADABLE
10	0.68	2.50	7.74	0.74	60.30	AGRADABLE	AGRADABLE
11	0.52	2.50	7.78	0.94	60.60	AGRADABLE	AGRADABLE
12	0.62	2.50	7.76	0.79	54.75	AGRADABLE	AGRADABLE
13	0.57	2.50	7.77	0.85	66.30	AGRADABLE	AGRADABLE
14	0.68	2.50	7.81	0.87	73.35	AGRADABLE	AGRADABLE
15	0.74	2.50	7.91	0.82	67.20	AGRADABLE	AGRADABLE
16	0.78	2.50	7.89	0.81	73.20	AGRADABLE	AGRADABLE
17	1.01	2.50	7.97	0.92	74.25	AGRADABLE	AGRADABLE
18	0.98	2.50	7.98	0.86	72.60	AGRADABLE	AGRADABLE
19	0.84	2.50	7.91	0.90	71.40	AGRADABLE	AGRADABLE
20	0.62	2.50	7.87	0.87	58.20	AGRADABLE	AGRADABLE
21	0.69	2.50	7.94	0.81	61.05	AGRADABLE	AGRADABLE
22	0.62	2.50	7.88	0.87	65.70	AGRADABLE	AGRADABLE
23	0.51	2.50	7.89	0.75	56.40	AGRADABLE	AGRADABLE
24	0.63	2.50	7.87	0.85	67.95	AGRADABLE	AGRADABLE
25	0.54	2.50	7.91	0.92	62.55	AGRADABLE	AGRADABLE
26	0.63	2.50	7.89	0.82	65.70	AGRADABLE	AGRADABLE
27	0.88	2.50	7.98	1.00	72.15	AGRADABLE	AGRADABLE
28	0.63	2.50	8.04	0.87	78.45	AGRADABLE	AGRADABLE
29	1.31	2.50	8.13	0.86	77.40	AGRADABLE	AGRADABLE
30	1.06	2.50	8.02	0.79	82.50	AGRADABLE	AGRADABLE
31	1.01	2.50	8.03	0.760	81.30	AGRADABLE	AGRADABLE

"Juntos Cuidamos el Agua"

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

ABRIL 2021	VILLA VICTORIA		LLUVIA	VALLE DE BRAVO		LLUVIA	EL BOSQUE		LLUVIA	SUMA
	CAPACIDAD 185.731 Mm ³		mm	CAPACIDAD 394.390 Mm ³		mm	CAPACIDAD 202.400 Mm ³		mm	ALMACENAMIENTO
DÍA	AL MAC. Mm ³	%	mm	AL MAC. Mm ³	%	mm	AL MAC. Mm ³	%	mm	m ³
1	66.783	35.96	0.0	222.382	56.39	0.0	75.222	37.17	0.0	364,387,000
2	66.418	35.76	0.0	222.254	56.35	0.0	75.076	37.09	0.0	363,748,000
3	66.053	35.56	0.0	221.873	56.26	0.0	74.930	37.02	0.0	362,856,000
4	65.688	35.37	0.0	221.237	56.10	0.0	74.857	36.98	0.0	361,782,000
5	65.506	35.27	0.0	220.472	55.90	0.0	74.711	36.91	0.0	360,689,000
6	64.958	34.97	0.0	219.705	55.71	3.0	74.565	36.84	0.0	359,228,000
7	64.411	34.68	0.0	218.810	55.48	0.0	74.492	36.80	0.0	357,713,000
8	64.228	34.58	INAP	218.041	55.29	0.0	74.346	36.73	0.0	356,615,000
9	64.045	34.48	0.0	217.270	55.09	0.0	74.200	36.66	0.0	355,515,000
10	63.863	34.38	0.0	216.627	54.93	0.0	74.008	36.57	0.0	354,498,000
11	63.498	34.19	0.0	216.111	54.80	0.0	73.752	36.44	0.0	353,361,000
12	63.133	33.99	0.0	215.208	54.57	0.0	73.688	36.41	0.0	352,029,000
13	62.950	33.89	0.0	214.432	54.37	0.0	73.560	36.34	0.0	350,942,000
14	62.585	33.70	1.0	213.784	54.21	0.0	73.432	36.28	0.0	349,801,000
15	62.038	33.40	0.0	213.005	54.01	0.0	73.368	36.25	0.0	348,411,000
16	61.673	33.21	0.0	212.354	53.84	0.0	73.240	36.19	0.0	347,267,000
17	61.308	33.01	0.0	211.572	53.65	0.0	73.112	36.12	0.0	345,992,000
18	60.760	32.71	0.0	210.788	53.45	0.0	72.984	36.06	0.0	344,532,000
19	60.213	32.42	0.0	210.134	53.28	0.0	72.856	36.00	0.0	343,203,000
20	59.665	32.12	0.0	209.478	53.11	0.0	72.792	35.96	0.0	341,935,000
21	59.118	31.83	0.0	208.689	52.91	0.0	72.600	35.87	0.0	340,407,000
22	58.570	31.53	0.0	207.898	52.71	0.0	72.344	35.74	0.0	338,812,000
23	58.338	31.41	0.0	207.237	52.55	0.0	72.024	35.58	0.0	337,599,000
24	58.205	31.34	0.0	206.442	52.34	0.0	71.704	35.43	0.0	336,351,000
25	58.023	31.24	0.0	205.645	52.14	0.0	71.576	35.36	0.0	335,244,000
26	57.840	31.14	0.0	204.846	51.94	0.0	71.384	35.27	0.0	334,070,000
27	57.475	30.95	0.0	204.044	51.74	0.0	71.320	35.24	0.0	332,839,000
28	57.110	30.75	0.0	203.375	51.57	1.0	71.256	35.21	0.0	331,741,000
29	56.745	30.55	0.0	202.837	51.43	0.0	71.128	35.14	0.0	330,710,000
30	56.198	30.26	0.0	201.894	51.19	0.0	71.000	35.08	0.0	329,092,000
PROM.	61.596		1.0	213.815		1.0	73.384		0.0	347,378,967

NAMINO	30'000,000 m ³	NAMINO	50'000,000 m ³	NAMINO	60'000,000 m ³	NAMINO SISTEMA = 14
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LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS
FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	42.06%
329,092,000	782,521,000	

**REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SISTEMA
BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000**

TURBIDEZ (UNT)	COLOR (UpE)	pH	LIMITE	CI RESIDUAL LIBRE	DUREZA	SABOR	OLOR
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ABRIL 2021	LIMITE PERMISIBLE POR LA NORMA 5.0	Co) LIMITE PERMISIBLE 20.0	PERMISIBIL F POR LA 6.5 - 8.5	mg/l LIMITE PERMISIBLE POR LA 0.2 - 1.5	(mg/l como Ca CO3) LIMITE 500	LIMITE PERMISIBLE POR LA NORMA AGRADABLE	
1	1.43	2.50	8.09	0.83	74.10	AGRADABLE	AGRADABLE
2	1.58	2.50	7.95	0.93	75.15	AGRADABLE	AGRADABLE
3	1.08	2.50	7.91	0.76	68.10	AGRADABLE	AGRADABLE
4	0.67	2.50	7.83	0.80	63.65	AGRADABLE	AGRADABLE
5	0.56	2.50	7.81	0.92	63.90	AGRADABLE	AGRADABLE
6	0.62	2.50	7.76	0.82	65.10	AGRADABLE	AGRADABLE
7	0.71	2.50	7.81	0.77	69.60	AGRADABLE	AGRADABLE
8	0.60	2.50	7.83	0.76	64.80	AGRADABLE	AGRADABLE
9	0.59	2.50	7.79	0.75	62.85	AGRADABLE	AGRADABLE
10	0.57	2.50	7.78	0.88	56.55	AGRADABLE	AGRADABLE
11	0.53	2.50	7.66	0.91	58.95	AGRADABLE	AGRADABLE
12	0.85	2.50	7.74	0.85	65.70	AGRADABLE	AGRADABLE
13	0.78	2.50	7.83	0.82	55.35	AGRADABLE	AGRADABLE
14	0.56	2.50	7.85	0.87	62.55	AGRADABLE	AGRADABLE
15	0.73	2.50	7.61	0.78	60.45	AGRADABLE	AGRADABLE
16	0.59	2.50	7.72	0.91	70.35	AGRADABLE	AGRADABLE
17	0.61	2.50	7.61	0.90	60.90	AGRADABLE	AGRADABLE
18	0.43	2.50	7.67	0.79	62.25	AGRADABLE	AGRADABLE
19	0.63	2.50	7.7	0.76	64.95	AGRADABLE	AGRADABLE
20	0.58	2.50	7.7	0.82	61.95	AGRADABLE	AGRADABLE
21	0.64	2.50	7.76	0.93	61.95	AGRADABLE	AGRADABLE
22	0.67	2.51	7.72	0.88	66.75	AGRADABLE	AGRADABLE
23	0.58	2.50	7.77	0.88	62.55	AGRADABLE	AGRADABLE
24	0.52	2.50	7.76	0.80	63.30	AGRADABLE	AGRADABLE
25	0.56	2.50	7.76	0.81	59.25	AGRADABLE	AGRADABLE
26	0.56	2.50	7.84	0.82	62.25	AGRADABLE	AGRADABLE
27	0.60	2.50	7.74	0.84	62.10	AGRADABLE	AGRADABLE
28	0.56	2.50	7.71	0.78	62.40	AGRADABLE	AGRADABLE
29	0.57	2.50	7.71	0.73	55.65	AGRADABLE	AGRADABLE
30	0.63	2.50	7.72	0.75	62.85	AGRADABLE	AGRADABLE

"Juntos Cuidamos el Agua"

ALMACENAMIENTO

%

46.57
46.48
46.37
46.23
46.09
45.91
45.71
45.57
45.43
45.30
45.16
44.99
44.85
44.70
44.52
44.38
44.22
44.03
43.86
43.70
43.50
43.30
43.14
42.98
42.84
42.69
42.53
42.39
42.26
42.06

0'000,000 m³.

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

MAYO 2021	VILLA VICTORIA		LLUVIA	VALLE DE BRAVO		LLUVIA	EL BOSQUE		LLUVIA	SUMA ALMACENAMIENTO
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	m ³
1	55.833	30.06	0.0	201.218	51.02	0.0	70.872	35.02	0.0	327,923,000
2	55.285	29.77	0.0	200.540	50.85	0.0	70.808	34.98	0.0	326,633,000
3	55.133	29.68	0.0	199.724	50.64	0.0	70.680	34.92	0.0	325,537,000
4	54.829	29.52	0.0	198.905	50.43	0.0	70.552	34.86	0.0	324,286,000
5	54.525	29.36	0.0	198.082	50.22	0.0	70.360	34.76	0.0	322,967,000
6	54.221	29.19	0.0	197.393	50.05	0.0	70.168	34.67	0.5	321,782,000
7	53.918	29.03	0.0	196.564	49.84	1.0	69.848	34.51	0.0	320,330,000
8	53.614	28.87	4.0	196.147	49.73	0.0	69.592	34.38	0.0	319,353,000
9	53.310	28.70	9.1	195.591	49.59	10.2	69.336	34.26	3.0	318,237,000
10	53.158	28.62	0.0	195.032	49.45	0.0	69.080	34.13	0.0	317,270,000
11	52.854	28.46	INAP	194.331	49.27	2.0	69.016	34.10	0.0	316,201,000
12	52.702	28.38	6.0	193.627	49.10	7.5	68.952	34.07	7.0	315,281,000
13	52.398	28.21	0.0	193.485	49.06	0.0	69.272	34.23	0.0	315,155,000
14	52.550	28.29	8.0	193.202	48.99	22.2	69.656	34.42	10.0	315,408,000
15	52.550	28.29	21.0	192.635	48.84	0.0	69.720	34.45	0.0	314,905,000
16	52.398	28.21	0.0	192.064	48.70	7.0	70.040	34.60	2.0	314,502,000
17	52.246	28.13	0.0	192.064	48.70	0.0	69.976	34.57	0.0	314,286,000
18	51.942	27.97	0.0	191.059	48.44	0.0	70.040	34.60	0.0	313,041,000
19	51.638	27.80	0.0	190.336	48.26	0.0	69.976	34.57	0.0	311,950,000
20	51.487	27.72	0.0	189.754	48.11	0.0	69.784	34.48	0.0	311,025,000
21	51.031	27.48	0.0	189.168	47.96	0.0	69.464	34.32	0.0	309,663,000
22	50.727	27.31	0.0	188.132	47.70	0.0	69.208	34.19	0.0	308,067,000
23	50.423	27.15	0.0	187.234	47.47	0.0	68.952	34.07	0.0	306,609,000
24	50.119	26.98	0.0	186.780	47.36	0.0	68.824	34.00	0.0	305,723,000
25	49.815	26.82	0.0	186.016	47.17	0.0	68.696	33.94	0.0	304,527,000
26	49.511	26.66	0.0	185.084	46.93	0.0	68.696	33.94	0.0	303,291,000
27	49.207	26.49	0.0	184.129	46.69	0.0	68.632	33.91	0.0	301,968,000
28	48.904	26.33	0.0	183.641	46.56	0.0	68.504	33.85	0.0	301,049,000
29	48.752	26.25	0.0	182.632	46.31	1.0	68.440	33.81	0.0	299,824,000
30	48.448	26.09	0.0	182.098	46.17	19.5	68.376	33.78	0.0	298,922,000
31	48.144	25.92	1.3	181.333	45.98	9.0	68.248	33.72	0.0	297,725,000
PROM	51.489		4.3	191.518		7.3	69.676		2.1	313,014,194

NAMINO	30'000,000 m ³ .	NAMINO	50'000,000 m ³ .	NAMINO	60'000,000 m ³ .	NAMINO SISTEMA = 140
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LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS
FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
298,922,000	PRESAS m ³	38.05%
297,725,000	782,521,000	

**REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SISTEMA
BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000**

MAYO 2021	TURBIDEZ (UNT)	COLOR (Upt-Co)	pH LIMITE	CI RESIDUAL	DUREZA	SABOR	OLOR
	LIMITE PERMISIBLE POR LA NORMA 5.0	LIMITE PERMISIBLE POR 20.0	PERMISIBLE POR LA NORMA 6.5 - 8.5	LIBRE mg/l LIMITE PERMISIBLE 0.2 - 1.5	(mg/l como Ca CO3) LIMITE 500	LIMITE PERMISIBLE POR LA NORMA AGRADABLE	
1	0.63	2.50	7.69	0.84	66.15	AGRADABLE	AGRADABLE
2	0.63	2.50	7.72	0.72	64.35	AGRADABLE	AGRADABLE
3	0.68	2.50	7.67	0.72	58.95	AGRADABLE	AGRADABLE
4	0.70	2.50	7.65	0.89	61.20	AGRADABLE	AGRADABLE
5	0.65	2.50	7.69	0.92	59.10	AGRADABLE	AGRADABLE
6	0.87	2.50	7.71	0.87	63.90	AGRADABLE	AGRADABLE
7	1.02	2.50	7.66	0.88	58.65	AGRADABLE	AGRADABLE
8	0.78	2.50	7.68	0.87	57.32	AGRADABLE	AGRADABLE
9	0.76	2.50	7.79	0.85	65.25	AGRADABLE	AGRADABLE
10	0.88	2.50	7.69	0.75	63.30	AGRADABLE	AGRADABLE
11	0.82	2.50	7.72	0.70	61.20	AGRADABLE	AGRADABLE
12	0.94	2.50	7.67	0.90	61.80	AGRADABLE	AGRADABLE
13	1.08	2.50	7.76	0.77	62.25	AGRADABLE	AGRADABLE
14	0.98	2.50	7.70	0.89	62.18	AGRADABLE	AGRADABLE
15	1.39	2.51	7.75	0.84	64.65	AGRADABLE	AGRADABLE
16	1.64	2.50	7.68	0.84	69.15	AGRADABLE	AGRADABLE
17	1.29	2.50	7.72	0.77	62.40	AGRADABLE	AGRADABLE
18	0.93	2.50	7.69	0.72	57.60	AGRADABLE	AGRADABLE
19	0.83	2.50	7.73	0.77	61.35	AGRADABLE	AGRADABLE
20	0.86	2.50	7.76	0.72	66.45	AGRADABLE	AGRADABLE
21	0.84	2.50	7.76	0.84	61.50	AGRADABLE	AGRADABLE
22	1.18	2.50	7.76	0.90	64.50	AGRADABLE	AGRADABLE
23	0.98	2.50	7.74	0.82	62.10	AGRADABLE	AGRADABLE
24	0.63	2.50	7.63	0.72	62.85	AGRADABLE	AGRADABLE
25	0.68	2.50	7.66	0.82	59.25	AGRADABLE	AGRADABLE
26	0.80	2.50	7.68	0.84	61.50	AGRADABLE	AGRADABLE
27	0.81	2.50	7.59	0.71	61.05	AGRADABLE	AGRADABLE
28	0.66	2.50	7.68	0.76	60.60	AGRADABLE	AGRADABLE
29	0.80	2.50	7.67	0.73	61.50	AGRADABLE	AGRADABLE
30	0.78	2.50	7.76	0.77	62.18	AGRADABLE	AGRADABLE
31	1.52	2.50	7.66	0.90	64.80	AGRADABLE	AGRADABLE

"Juntos Cuidamos el Agua"

ALMACENAMIENTO

%

41.91
41.74
41.60
41.44
41.27
41.12
40.94
40.81
40.67
40.54
40.41
40.29
40.27
40.31
40.24
40.19
40.16
40.00
39.86
39.75
39.57
39.37
39.18
39.07
38.92
38.76
38.59
38.47
38.32
38.20
38.05

'000,000 m³.

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

JUNIO 2021	VILLA VICTORIA			VALLE DE BRAVO			EL BOSQUE			SUMA ALMACENAMIENTO
	CAPACIDAD 185,731 Mm ³	LLUVIA	mm	CAPACIDAD 394,390 Mm ³	LLUVIA	mm	CAPACIDAD 202,400 Mm ³	LLUVIA	mm	
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	m ³
1	47,840	25.76	0.0	180,812	45.85	15.0	68,248	33.72	1.5	296,900,000
2	47,688	25.68	4.0	180,297	45.72	15.3	68,184	33.69	4.0	296,169,000
3	47,688	25.68	4.0	179,954	45.63	5.0	67,864	33.53	0.0	295,506,000
4	47,840	25.76	1.5	179,782	45.58	0.0	67,608	33.40	0.0	295,230,000
5	47,536	25.59	11.0	179,610	45.54	20.0	67,928	33.56	5.0	295,074,000
6	47,536	25.59	4.8	179,439	45.50	0.0	68,120	33.66	0.0	295,095,000
7	47,384	25.51	0.0	178,410	45.24	0.0	68,376	33.78	0.0	294,170,000
8	47,080	25.35	0.0	177,896	45.11	0.0	68,440	33.81	0.0	293,416,000
9	47,080	25.35	13.0	176,869	44.85	5.0	68,696	33.94	24.0	292,645,000
10	47,384	25.51	0.0	176,356	44.72	0.0	68,760	33.97	2.5	292,500,000
11	47,384	25.51	0.0	176,356	44.72	0.0	68,952	34.07	2.0	292,692,000
12	47,688	25.68	15.5	176,356	44.72	17.0	69,144	34.16	25.5	293,188,000
13	47,688	25.68	6.0	176,015	44.63	25.0	69,720	34.45	15.0	293,423,000
14	47,384	25.51	1.0	176,015	44.63	7.0	70,680	34.92	26.5	294,079,000
15	47,384	25.51	0.0	175,844	44.59	0.0	71,384	35.27	0.0	294,612,000
16	47,232	25.43	0.0	175,161	44.41	0.0	71,768	35.46	0.0	294,161,000
17	46,928	25.27	2.0	174,649	44.28	3.0	72,152	35.65	0.0	293,729,000
18	46,928	25.27	2.5	174,137	44.15	5.0	72,536	35.84	6.0	293,601,000
19	46,624	25.10	2.0	173,456	43.98	0.0	72,856	36.00	8.0	292,936,000
20	46,472	25.02	0.0	172,775	43.81	2.5	73,432	36.28	0.0	292,679,000
21	46,321	24.94	2.0	172,605	43.77	0.0	73,880	36.50	13.0	292,806,000
22	46,321	24.94	1.0	172,264	43.68	0.5	74,346	36.73	23.0	292,931,000
23	46,472	25.02	6.0	172,094	43.64	13.0	75,222	37.17	2.0	293,788,000
24	46,169	24.86	INAP	171,924	43.59	3.5	75,806	37.45	3.5	293,899,000
25	46,169	24.86	INAP	171,415	43.46	0.0	76,755	37.92	15.0	294,339,000
26	45,865	24.69	0.0	171,245	43.42	3.8	77,558	38.32	5.0	294,668,000
27	45,865	24.69	13.0	170,905	43.33	11.0	78,288	38.68	13.0	295,058,000
28	45,865	24.69	5.5	170,397	43.21	8.5	79,164	39.11	18.0	295,426,000
29	45,561	24.53	1.5	170,397	43.21	12.0	80,040	39.55	16.0	295,998,000
30	45,713	24.61	5.5	170,397	43.21	11.8	80,843	39.94	0.0	296,953,000
PROM	46,303		18.0	171,931		10.9	72,231		23.5	294,255,700

NAMINO	30'000,000 m ³ .	NAMINO	50'000,000 m ³ .	NAMINO	60'000,000 m ³ .	NAMINO SISTEMA = 14
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LLUVIA MENOR DE 20.0 mm  LIGERAS A MODERADAS
LLUVIA MENOR DE 70.0 mm  FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	37.95%
296,953,000	782,521,000	

JUNIO 2021	TURBIDEZ (UNT) LIMITE PERMISIBLE POR LA NORMA	COLOR (Upt- Co) LIMITE PERMISIBLE POR LA NORMA	ph LIMITE PERMISIBLE POR LA NORMA	RESIDUAL LIBRE mg/l LIMITE PERMISIBLE POR LA NORMA	DUREZA (mg/l como Ca CO3) LIMITE PERMISIBLE POR LA NORMA	SABOR	OLOR
	5.0	20.0	6.5 - 8.5	0.2 - 1.5	500	LIMITE PERMISIBLE POR LA NORMA AGRADABLE	
1	1.21	2.50	7.71	0.88	61.05	AGRADABLE	AGRADABLE
2	0.77	2.50	7.69	0.91	60.30	AGRADABLE	AGRADABLE
3	1.33	3.13	7.74	0.92	70.05	AGRADABLE	AGRADABLE
4	1.62	3.33	7.71	0.97	73.35	AGRADABLE	AGRADABLE
5	1.33	3.13	7.74	0.92	70.05	AGRADABLE	AGRADABLE
6	0.62	2.50	7.66	0.74	67.50	AGRADABLE	AGRADABLE
7	0.72	2.50	7.67	0.72	66.30	AGRADABLE	AGRADABLE
8	0.90	2.50	7.67	0.68	69.90	AGRADABLE	AGRADABLE
9	0.95	2.50	7.75	0.61	64.65	AGRADABLE	AGRADABLE
10	0.88	2.50	7.71	0.62	59.70	AGRADABLE	AGRADABLE
11	0.62	2.50	7.73	0.82	67.50	AGRADABLE	AGRADABLE
12	0.47	2.50	7.86	0.68	72.45	AGRADABLE	AGRADABLE
13	1.45	2.50	7.80	0.89	66.75	AGRADABLE	AGRADABLE
14	0.58	2.50	7.79	0.94	64.05	AGRADABLE	AGRADABLE
15	1.56	2.50	7.72	0.77	61.95	AGRADABLE	AGRADABLE
16	1.21	2.50	7.67	0.79	61.20	AGRADABLE	AGRADABLE
17	0.62	2.50	7.62	0.76	61.35	AGRADABLE	AGRADABLE
18	0.62	2.50	7.67	0.99	65.55	AGRADABLE	AGRADABLE
19	0.51	2.50	7.66	0.89	65.00	AGRADABLE	AGRADABLE
20	0.50	2.50	7.73	0.93	66.00	AGRADABLE	AGRADABLE
21	0.54	2.50	7.7	0.79	66.60	AGRADABLE	AGRADABLE
22	0.65	2.50	7.68	0.76	66.76	AGRADABLE	AGRADABLE
23	0.58	2.50	7.72	0.75	64.15	AGRADABLE	AGRADABLE
24	0.51	4.38	7.67	0.82	64.62	AGRADABLE	AGRADABLE
25	0.58	2.50	7.69	0.79	65.25	AGRADABLE	AGRADABLE
26	0.46	2.50	7.77	0.80	66.90	AGRADABLE	AGRADABLE
27	0.60	2.75	7.77	0.82	62.67	AGRADABLE	AGRADABLE
28	0.52	2.50	7.73	0.81	64.50	AGRADABLE	AGRADABLE
29	0.61	2.50	7.75	0.82	70.05	AGRADABLE	AGRADABLE
30	0.73	2.50	7.75	0.86	66.90	AGRADABLE	AGRADABLE

"Juntos Cuidamos el Agua"

ALMACENAMIENTO

%

37.94
37.85
37.76
37.73
37.71
37.71
37.59
37.50
37.40
37.38
37.40
37.47
37.50
37.58
37.65
37.59
37.54
37.52
37.43
37.40
37.42
37.43
37.54
37.56
37.61
37.66
37.71
37.75
37.83
37.95

10'000,000 m³.

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

JULIO 2021	VILLA VICTORIA		LLUVIA	VALLE DE BRAVO		LLUVIA	EL BOSQUE		LLUVIA	SUMA ALMACENAMIENTO
	CAPACIDAD 185,731 Mm ³			CAPACIDAD 394,390 Mm ³			CAPACIDAD 202,400 Mm ³			
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	m ³
1	45,865	24.69	12.0	170,397	43.21	12.0	81,722	40.38	11.0	297,984,000
2	46,321	24.94	8.0	170,397	43.21	6.0	82,906	40.96	5.0	299,624,000
3	46,321	24.94	0.0	170,566	43.25	2.0	83,720	41.36	0.0	300,607,000
4	46,321	24.94	8.5	170,566	43.25	3.8	84,534	41.77	0.0	301,421,000
5	46,321	24.94	7.0	170,566	43.25	3.0	85,200	42.09	0.0	302,087,000
6	46,624	25.10	6.5	171,075	43.38	9.5	85,940	42.46	9.5	303,639,000
7	46,624	25.10	3.0	171,245	43.42	0.0	86,976	42.97	14.0	304,845,000
8	46,472	25.02	8.0	171,245	43.42	13.7	88,086	43.52	9.0	305,803,000
9	46,472	25.02	2.0	171,245	43.42	0.0	89,484	44.21	0.0	307,201,000
10	46,624	25.10	0.0	171,415	43.46	0.0	90,360	44.64	0.0	308,399,000
11	47,384	25.51	23.5	171,415	43.46	1.0	91,309	45.11	0.0	310,108,000
12	47,232	25.43	11.0	171,415	43.46	0.0	92,842	45.87	5.0	311,489,000
13	47,080	25.35	2.0	170,905	43.33	0.0	93,864	46.38	2.0	311,849,000
14	47,080	25.35	0.0	170,397	43.21	0.0	95,178	47.02	8.3	312,655,000
15	47,992	25.84	23.0	170,227	43.16	3.0	96,580	47.72	10.0	314,799,000
16	48,448	26.09	15.0	170,058	43.12	0.0	98,404	48.62	7.0	316,910,000
17	48,296	26.00	0.0	169,549	42.99	0.0	99,620	49.22	1.0	317,465,000
18	48,752	26.25	11.0	169,549	42.99	13.0	100,760	49.78	15.0	319,061,000
19	48,600	26.17	1.0	169,549	42.99	0.0	101,824	50.31	0.0	319,973,000
20	48,600	26.17	6.6	169,549	42.99	INAP	102,660	50.72	8.0	320,809,000
21	48,600	26.17	10.0	169,380	42.95	0.0	103,420	51.10	0.0	321,400,000
22	48,752	26.25	5.5	169,211	42.90	0.0	104,600	51.68	0.0	322,563,000
23	49,055	26.41	20.0	169,042	42.86	0.0	106,040	52.39	14.0	324,137,000
24	49,359	26.58	17.0	168,355	42.69	0.3	107,240	52.98	2.0	324,954,000
25	49,967	26.90	23.0	168,027	42.60	4.7	108,280	53.50	0.0	326,274,000
26	50,423	27.15	6.7	167,858	42.56	INAP	109,560	54.13	6.4	327,841,000
27	50,423	27.15	0.0	167,521	42.48	0.0	110,840	54.76	0.0	328,784,000
28	50,575	27.23	4.0	167,015	42.35	INAP	111,800	55.24	3.0	329,390,000
29	50,575	27.23	0.0	166,341	42.18	4.8	112,892	55.78	1.0	329,808,000
30	51,335	27.64	32.5	166,846	42.30	27.0	114,140	56.39	28.5	332,321,000
31	52,702	28.38	8.0	166,677	42.26	2.0	115,466	57.05	6.0	334,845,000
PROM	48,232		17.1	169,800		10.3	97,941		10.7	315,775,645

NAMINO 30'000,000 m³.

NAMINO 50'000,000 m³.

NAMINO 60'000,000 m³.

NAMINO SISTEMA = 14

LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS
FUERTES

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	42.79%
334,845,000	782,521,000	

Mm³ : Millones de metros cubicos

**REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SISTEMA
BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000**

JULIO 2021	TURBIDEZ (UNT) LIMITE PERMISIBLE POR LA	COLOR (Upt- Co) LIMITE PERMISIBLE POR LA	ph LIMITE PERMISIBLE POR LA NORMA	CI RESIDUAL LIBRE mg/l LIMITE PERMISIBLE	DUREZA (mg/l como Ca CO3) LIMITE PERMISIBLE	SABOR	OLOR
	5.0	20.0	6.5 - 8.5	0.2 - 1.5	500	LIMITE PERMISIBLE POR LA NORMA	
	AGRADABLE						
1	0.86	2.50	7.77	0.83	66.90	AGRADABLE	AGRADABLE
2	2.99	3.13	7.75	0.83	71.55	AGRADABLE	AGRADABLE
3	0.88	2.92	7.7	0.82	66.00	AGRADABLE	AGRADABLE
4	1.07	2.50	7.79	0.97	66.90	AGRADABLE	AGRADABLE
5	0.64	2.50	7.73	0.73	67.35	AGRADABLE	AGRADABLE
6	0.64	2.50	7.75	0.92	72.30	AGRADABLE	AGRADABLE
7	2.44	2.50	7.73	0.94	66.45	AGRADABLE	AGRADABLE
8	1.21	2.50	7.60	0.90	73.80	AGRADABLE	AGRADABLE
9	1.08	2.50	7.73	0.81	71.10	AGRADABLE	AGRADABLE
10	1.08	2.50	7.73	0.81	71.10	AGRADABLE	AGRADABLE
11	0.73	3.33	7.70	0.88	64.50	AGRADABLE	AGRADABLE
12	0.64	2.50	7.66	0.79	65.55	AGRADABLE	AGRADABLE
13	0.78	2.50	7.60	1.06	64.20	AGRADABLE	AGRADABLE
14	0.94	2.92	7.63	0.87	61.35	AGRADABLE	AGRADABLE
15	0.67	3.13	7.61	0.87	68.55	AGRADABLE	AGRADABLE
16	1.22	2.92	7.69	0.88	64.20	AGRADABLE	AGRADABLE
17	1.00	3.33	7.62	0.86	66.15	AGRADABLE	AGRADABLE
18	0.74	2.50	7.61	0.92	62.85	AGRADABLE	AGRADABLE
19	1.02	2.50	7.18	0.59	67.50	AGRADABLE	AGRADABLE
20	1.46	2.50	7.65	1.07	61.35	AGRADABLE	AGRADABLE
21	1.69	2.50	7.68	0.96	56.85	AGRADABLE	AGRADABLE
22	1.23	2.50	7.67	0.91	73.05	AGRADABLE	AGRADABLE
23	0.54	2.50	7.61	0.94	63.30	AGRADABLE	AGRADABLE
24	0.88	2.50	7.62	0.85	63.75	AGRADABLE	AGRADABLE
25	0.90	3.75	7.66	0.93	62.25	AGRADABLE	AGRADABLE
26	0.91	2.50	7.61	0.80	59.10	AGRADABLE	AGRADABLE
27	1.72	3.33	7.55	0.84	64.20	AGRADABLE	AGRADABLE
28	1.11	2.50	7.85	0.85	62.40	AGRADABLE	AGRADABLE
29	1.73	2.50	7.51	0.71	59.25	AGRADABLE	AGRADABLE
30	1.33	2.50	7.65	0.77	57.60	AGRADABLE	AGRADABLE
31	0.76	2.50	7.52	0.800	63.45	AGRADABLE	AGRADABLE

"Juntos Cuidamos el Agua"

ALMACENAMIENTO

%

38.08
38.29
38.42
38.52
38.60
38.80
38.96
39.08
39.26
39.41
39.63
39.81
39.85
39.95
40.23
40.50
40.57
40.77
40.89
41.00
41.07
41.22
41.42
41.53
41.70
41.90
42.02
42.09
42.15
42.47
42.79

0'000,000 m³.



ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZ

AGOSTO 2021	VILLA VICTORIA CAPACIDAD 185.731 Mm ³		LLUVIA	VALLE DE BRAVO CAPACIDAD 394.390 Mm ³		LLUVIA	EL BOSQUE CAPACIDAD 200.000 Mm ³
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³
1	53.614	28.87	4.0	166.677	42.26	0.0	116.480
2	54.677	29.44	30.0	166.341	42.18	3.0	117.494
3	54.981	29.60	0.0	166.172	42.13	1.5	118.742
4	56.198	30.26	5.5	166.846	42.30	9.0	120.209
5	58.023	31.24	38.3	167.015	42.35	0.0	121.601
6	59.118	31.83	22.0	167.015	42.35	1.0	123.515
7	60.760	32.71	20.0	166.846	42.30	2.0	125.255
8	61.673	33.21	7.0	167.015	42.35	6.0	126.821
9	62.585	33.70	6.0	167.352	42.43	15.5	128.506
10	63.680	34.29	17.0	167.690	42.52	3.0	130.669
11	64.958	34.97	INAP	167.521	42.48	INAP	132.626
12	65.871	35.47	8.0	167.183	42.39	0.0	134.480
13	66.601	35.86	6.0	167.521	42.48	10.0	136.231
14	68.426	36.84	10.0	167.858	42.56	1.0	138.085
15	68.973	37.14	0.0	168.534	42.73	6.0	139.776
16	69.703	37.53	9.0	168.872	42.82	2.0	141.540
17	70.616	38.02	10.0	169.211	42.90	5.0	142.912
18	70.981	38.22	0.0	169.211	42.90	0.0	144.284
19	71.346	38.41	0.0	169.549	42.99	2.0	145.362
20	71.711	38.61	0.0	170.058	43.12	3.0	146.342
21	72.258	38.90	10.0	170.397	43.21	1.5	147.518
22	73.171	39.40	6.0	170.397	43.21	2.0	148.940
23						9.0	149.750
24	73.353	39.49	2.0	171.245	43.42	2.5	151.010
25	73.536	39.59	0.0	171.585	43.51	0.0	151.910
26	73.536	39.59	0.0	171.755	43.55	1.0	152.630
27	73.536	39.59	2.5	172.435	43.72	3.0	153.260
28	73.536	39.59	5.0	172.775	43.81	4.5	154.160
29	73.746	39.71	5.8	173.285	43.94	1.0	155.240
30	74.588	40.16	20.0	173.796	44.07	10.0	156.500
31	74.799	40.27	0.0	174.819	44.33	0.0	157.494
PROM.	67.018		244.1	169.233		104.5	139.011

NAMINO	30'000,000 m³.	NAMINO	50'000,000 m³.	NAMINO
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LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS
FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO
PRESAS m ³	PRESAS
407,112,000	782,521

REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SI BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000

AGOSTO 2021	TURBIDEZ (UNT) LIMITE	COLOR (Upt- Co) LIMITE	ph LIMITE PERMISIBLE	CI RESIDUAL LIBRE mg/l	DUREZA (mg/l como Ca)	SABOR	OLOR
	5.0	20.0	6.5 - 8.5	0.2 - 1.5	500	LIMITE PERMISIBLE POR LA NORMA AGRADABLE	
1	0.78	2.50	7.52	0.82	65.55	AGRADABLE	AGRADABLE
2	0.63	2.50	7.49	0.80	66.90	AGRADABLE	AGRADABLE
3	0.99	2.50	7.52	0.69	58.65	AGRADABLE	AGRADABLE
4	0.70	2.92	7.55	0.69	62.85	AGRADABLE	AGRADABLE
5	0.89	2.92	7.58	1.01	68.25	AGRADABLE	AGRADABLE
6	0.71	2.50	7.64	0.66	60.30	AGRADABLE	AGRADABLE
7	0.76	2.50	7.65	1.12	65.85	AGRADABLE	AGRADABLE
8	0.76	2.50	7.52	0.96	65.10	AGRADABLE	AGRADABLE
9	0.79	2.50	7.48	0.89	61.95	AGRADABLE	AGRADABLE
10	1.11	2.50	7.43	0.89	64.95	AGRADABLE	AGRADABLE
11	0.87	2.50	7.50	0.94	66.60	AGRADABLE	AGRADABLE
12	0.72	2.50	7.56	0.78	54.45	AGRADABLE	AGRADABLE
13	1.03	2.50	7.51	1.14	64.05	AGRADABLE	AGRADABLE
14	1.38	2.50	7.55	1.08	63.00	AGRADABLE	AGRADABLE
15	2.16	2.50	7.7	0.91	65.10	AGRADABLE	AGRADABLE
16	1.71	2.50	7.64	1.02	62.55	AGRADABLE	AGRADABLE
17	1.62	2.50	7.55	1.07	64.95	AGRADABLE	AGRADABLE
18	1.88	2.50	7.58	0.96	71.10	AGRADABLE	AGRADABLE

19	1.79	2.92	7.61	0.90	65.40	AGRADABLE	AGRADABLE
20	2.28	3.33	7.68	0.87	70.50	AGRADABLE	AGRADABLE
21	2.74	2.50	7.58	1.19	68.10	AGRADABLE	AGRADABLE
22	1.50	2.50	7.56	0.93	71.84	AGRADABLE	AGRADABLE
23	1.95	2.51	7.69	0.78	64.50	AGRADABLE	AGRADABLE
24	4.12	2.50	7.65	0.86	70.50	AGRADABLE	AGRADABLE
25	4.08	2.50	7.70	0.90	72.84	AGRADABLE	AGRADABLE
26	4.38	3.54	7.52	1.16	69.00	AGRADABLE	AGRADABLE
27	4.37	3.96	7.53	0.89	66.90	AGRADABLE	AGRADABLE
28	2.83	3.33	7.60	0.96	67.80	AGRADABLE	AGRADABLE
29	2.28	2.50	7.65	1.10	67.68	AGRADABLE	AGRADABLE
30	2.58	2.92	7.73	1.060	68.76	AGRADABLE	AGRADABLE
31	3.43	4.17	7.76	0.960	70.00	AGRADABLE	AGRADABLE

**AS DEL VALLE DE MEXICO
, DRENAJE Y SANEAMIENTO
MIENTO DE AGUA POTABLE**

AMALA 2021

QUE 2.400 Mm³	LLUVIA	SUMA ALMACENAMIENTO	ALMACENAMIENTO
%	mm	m³	%
57.55	3.0	336,771,000	43.04
58.05	0.0	338,512,000	43.26
58.67	0.0	339,895,000	43.44
59.39	8.0	343,253,000	43.87
60.08	6.0	346,639,000	44.30
61.03	8.0	349,648,000	44.68
61.88	3.2	352,861,000	45.09
62.66	14.0	355,509,000	45.43
63.49	12.0	358,443,000	45.81
64.56	12.0	362,039,000	46.27
65.53	0.0	365,105,000	46.66
66.44	0.0	367,534,000	46.97
67.31	0.0	370,353,000	47.33
68.22	2.0	374,369,000	47.84
69.06	0.0	377,283,000	48.21
69.93	2.0	380,115,000	48.58
70.61	0.0	382,739,000	48.91
71.29	4.5	384,476,000	49.13
71.82	0.0	386,257,000	49.36
72.30	0.0	388,111,000	49.60
72.88	6.0	390,173,000	49.86
73.59	12.0	392,508,000	50.16
73.99	9.5		
74.61	10.0	395,608,000	50.56
75.05	0.0	397,031,000	50.74
75.41	7.0	397,921,000	50.85
75.72	5.5	399,231,000	51.02
76.17	7.0	400,471,000	51.18
76.70	6.0	402,271,000	51.41
77.32	14.0	404,884,000	51.74
77.81	8.5	407,112,000	52.03
	160.2	374,904,067	

60'000,000 m³.

NAMINO SISTEMA = 140'000,000 m³.

CANTIDAD TOTAL	% DE ALMACENAMIENTO
5 m ³	52.03%
,000	

ISTEMA

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

SEPTIEMBRE 2021	VILLA VICTORIA		LLUVIA	VALLE DE BRAVO		LLUVIA	EL BOSQUE		LLUVIA	SUMA ALMACENAMIE NTO
	CAPACIDAD 185.731 Mm ³			CAPACIDAD 394.390 Mm ³			CAPACIDAD 202.400 Mm ³			
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	m ³
1	75.430	40.61	4.5	176.185	44.67	13.0	158.340	78.23	4.0	409,955,000
2	76.903	41.41	16.0	177.554	45.02	5.5	160.408	79.25	5.0	414,865,000
3	78.587	42.31	10.0	178.924	45.37	10.6	162.100	80.09	14.0	419,611,000
4	79.639	42.88	7.0	180.125	45.67	5.0	163.980	81.02	9.5	423,744,000
5	81.954	44.13	4.5	180.640	45.80	5.6	165.296	81.67	19.0	427,890,000
6	83.849	45.15	9.0	181.500	46.02	6.5	166.800	82.41	4.0	432,149,000
7	85.953	46.28	1.0	182.279	46.22	INAP	168.200	83.10	0.0	436,432,000
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TOTAL	436,432		43.0	436,432		43.0	436,432		43.0	423,520,857

NAMINO	30'000,000 m ³	NAMINO	50'000,000 m ³	NAMINO	60'000,000 m ³	NAMINO SISTEMA = 14
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LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm

LLIGERAS A MODERADAS
FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	55.77%
436,432,000	782,521,000	

**REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SISTEMA
BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000**

SEPTIEMBRE 2021	TURBIDEZ (UNT)	COLOR (Upt-Co)	ph	CI RESIDUAL	DUREZA	SABOR	OLOR
	LIMITE PERMISIBLE POR LA NORMA	LIMITE PERMISIBLE POR LA NORMA	LIMITE PERMISIBLE POR LA NORMA	LIBRE mg/l LIMITE PERMISIBLE	(mg/l como Ca CO3) LIMITE PERMISIBLE	LIMITE PERMISIBLE POR LA NORMA	
	5.0	20.0	6.5 - 8.5	0.2 - 1.5	500	AGRADABLE	
1	4.43	4.17	7.66	0.75	72.90	AGRADABLE	AGRADABLE
2	7.41	3.96	7.68	1.07	75.00	AGRADABLE	AGRADABLE
3	9.43	5.42	7.64	1.00	68.70	AGRADABLE	AGRADABLE
4	9.09	4.17	7.56	0.95	73.65	AGRADABLE	AGRADABLE
5	2.86	3.75	7.64	0.64	73.35	AGRADABLE	AGRADABLE
6	1.73	3.54	7.56	1.20	66.30	AGRADABLE	AGRADABLE
7	1.98	2.50	7.58	0.91	65.40	AGRADABLE	AGRADABLE
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ALMACENAMIE
NTO

%

52.39
53.02
53.62
54.15
54.68
55.23
55.77

0'000,000 m³.

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

OCTUBRE 2021	VILLA VICTORIA CAPACIDAD 185.731 Mm ³		LLUVIA	VALLE DE BRAVO CAPACIDAD 394.390 Mm ³		LLUVIA	EL BOSQUE CAPACIDAD 202.400 Mm ³		LLUVIA	SUMA ALMACENAMIENTO
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	m ³
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NAMINO 30'000,000 m ³			NAMINO 50'000,000 m ³			NAMINO 60'000,000 m ³			NAMINO SISTEMA = 14	

LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS
FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	#VALOR!
	782,521,000	

**REPORTE DIARIO DE CALIDAD DEL AGUA EN PLANTA POTABILIZADORA "LOS BERROS" DEL SISTEMA
BASADO EN LA NORMA NOM 127 SSA1-1994 MODIFICADA 2000**

OCTUBRE 2021	TURBIDEZ (UNT) LIMITE	COLOR (Upt-Co) LIMITE	ph LIMITE PERMISIBLE	CIRESIDUAL LIBRE mg/l	DUREZA (mg/l como Ca)	SABOR	OLOR
	5.0	20.0	6.5 - 8.5	0.2 - 1.5	500	LIMITE PERMISIBLE POR LA NORMA AGRADABLE	
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ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2021

NOVIEMBRE 2021	VILLA VICTORIA CAPACIDAD 185.731 Mm3		LLUVIA	VALLE DE BRAVO CAPACIDAD 394.390 Mm ³		LLUVIA	EL BOSQUE CAPACIDAD 202.400 Mm ³		LLUVIA	SUMA ALMACENAMIE NTO m ³
DIA	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	ALMAC. Mm ³	%	mm	m ³
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TOTAL	30'000,000			50'000,000			60'000,000			#DIV/0!
NAMINO	30'000,000 m ³ .			NAMINO	50'000,000 m ³ .		NAMINO	60'000,000 m ³ .		NAMINO SISTEMA = 14

LLUVIA MENOR DE 20.0 mm
LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS
FUERTES

Mm³ : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m ³	PRESAS m ³	#VALOR!
	782,521,000	