

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2019

AGOSTO 2019	VILLA VICTORIA		LLUVIA	VALLE DE BRAVO		LLUVIA	EL BOSQUE		LLUVIA	SUMA ALMACENAMIENTO	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	133.239	71.74	0.0	313.356	79.45	0.0	107.480	53.10	0.0	554,075,000	70.81
2	133.239	71.74	1.0	313.356	79.45	3.5	108.360	53.54	8.0	554,955,000	70.92
3	133.239	71.74	0.0	312.976	79.36	0.0	109.000	53.85	0.0	555,215,000	70.95
4	133.239	71.74	4.0	312.787	79.31	4.5	109.480	54.09	5.5	555,506,000	70.99
5	132.985	71.60	0.0	312.597	79.26	0.0	109.960	54.33	12.6	555,542,000	70.99
6	132.985	71.60	2.0	312.597	79.26	8.0	110.600	54.64	6.2	556,182,000	71.08
7	133.748	72.01	28.0	312.408	79.21	15.0	111.800	55.24	32.5	557,956,000	71.30
8	134.511	72.42	2.0	312.408	79.21	0.0	112.502	55.58	0.0	559,421,000	71.49
9	134.765	72.56	18.5	312.408	79.21	2.0	113.672	56.16	19.5	560,845,000	71.67
10	135.529	72.97	6.0	312.787	79.31	20.0	114.764	56.70	7.0	563,080,000	71.96
11	136.292	73.38	22.5	312.787	79.31	3.6	115.856	57.24	7.6	564,935,000	72.19
12	137.309	73.93	24.0	313.166	79.41	11.5	117.338	57.97	10.0	567,813,000	72.56
13	138.836	74.75	2.0	313.736	79.55	2.3	118.586	58.59	2.0	571,158,000	72.99
14	141.380	76.12	35.0	313.356	79.45	1.5	119.948	59.26	3.6	574,684,000	73.44
15	141.380	76.12	0.0	313.736	79.55	2.0	121.514	60.04	4.0	576,630,000	73.69
16	141.380	76.12	3.0	313.736	79.55	0.0	122.993	60.77	5.0	578,109,000	73.88
17	143.161	77.08	16.8	313.736	79.55	5.2	124.646	61.58	25.2	581,543,000	74.32
18	143.690	77.36	0.0	313.926	79.60	9.0	126.038	62.27	0.5	583,654,000	74.59
19	143.690	77.36	0.0	313.166	79.41	0.0	127.256	62.87	0.6	584,112,000	74.64
20	143.415	77.22	0.0	312.787	79.31	2.5	128.126	63.30	4.9	584,328,000	74.67
21	143.415	77.22	0.0	312.597	79.26	12.4	129.330	63.90	32.4	585,342,000	74.80
22	143.415	77.22	5.0	312.976	79.36	27.0	130.875	64.66	23.7	587,266,000	75.05
23	143.690	77.36	1.5	313.356	79.45	4.3	132.008	65.22	19.5	589,054,000	75.28
24	143.690	77.36	0.0	312.976	79.36	0.0	133.450	65.93	0.0	590,116,000	75.41
25	143.690	77.36	0.0	312.597	79.26	0.0	134.480	66.44	0.0	590,767,000	75.50
26	143.690	77.36	6.0	312.408	79.21	1.0	135.407	66.90	2.0	591,505,000	75.59
27	143.965	77.51	4.5	312.408	79.21	2.5	136.128	67.26	0.0	592,501,000	75.72
28	143.965	77.51	0.0	312.219	79.17	0.0	136.952	67.66	0.0	593,136,000	75.80
29	143.965	77.51	1.0	312.219	79.17	1.8	138.291	68.33	35.6	594,475,000	75.97
30	143.965	77.51	2.0	311.841	79.07	0.0	138.992	68.67	3.8	594,798,000	76.01
31	143.965	77.51	0.0	311.653	79.02	0.0	139.580	68.96	0.0	595,198,000	76.06
PROM.	139.659		184.8	312.873		139.6	123.078		271.7	575,609,710	

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 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	76.06%
595,198,000	782,521,000	

FECHA AGOSTO. 2019	TURBIDEZ (UNT) LIMITE PERMISIBLE POR LA NORMA	COLOR (Upt- Co) LIMITE PERMISIBLE POR LA NORMA	ph LIMITE PERMISIBLE POR LA NORMA	Cl RESIDUAL LIBRE mg/l LIMITE PERMISIBLE POR LA NORMA	DUREZA (mg/l como Ca CO3) LIMITE PERMISIBLE POR LA NORMA	SABOR	OLOR
	LIMITE PERMISIBLE POR LA NORMA						AGRADABLE
1	0.44	2.50	7.16	0.72	75.30	AGRADABLE	AGRADABLE
2	0.54	2.50	7.16	0.65	67.58	AGRADABLE	AGRADABLE
3	0.50	2.50	7.25	0.83	59.85	AGRADABLE	AGRADABLE
4	0.45	2.50	7.3	0.86	57.90	AGRADABLE	AGRADABLE
5	0.52	2.71	7.31	0.64	61.80	AGRADABLE	AGRADABLE
6	0.38	2.50	7.32	0.62	57.75	AGRADABLE	AGRADABLE
7	0.42	2.50	7.46	0.90	60.45	AGRADABLE	AGRADABLE
8	0.48	2.50	7.36	0.90	61.95	AGRADABLE	AGRADABLE
9	0.45	2.50	7.32	0.74	61.20	AGRADABLE	AGRADABLE
10	0.42	2.50	7.33	0.72	65.36	AGRADABLE	AGRADABLE
11	0.49	2.50	7.35	1.01	69.60	AGRADABLE	AGRADABLE
12	0.49	2.50	7.38	0.69	64.20	AGRADABLE	AGRADABLE
13	0.43	2.50	7.50	0.86	57.30	AGRADABLE	AGRADABLE
14	0.55	2.71	7.43	1.13	61.05	AGRADABLE	AGRADABLE
15	0.56	2.50	7.33	0.94	61.95	AGRADABLE	AGRADABLE
16	0.58	2.71	7.35	0.78	52.95	AGRADABLE	AGRADABLE
17	0.43	2.50	7.31	0.81	57.45	AGRADABLE	AGRADABLE
18	0.36	2.50	7.37	0.79	51.15	AGRADABLE	AGRADABLE
19	0.32	2.50	7.33	0.93	57.75	AGRADABLE	AGRADABLE
20	0.38	2.50	7.24	0.83	61.80	AGRADABLE	AGRADABLE
21	0.38	2.50	7.02	0.77	62.40	AGRADABLE	AGRADABLE
22	0.36	2.50	7.07	0.87	67.95	AGRADABLE	AGRADABLE
23	0.38	2.50	7.28	1.00	62.40	AGRADABLE	AGRADABLE
24	0.60	2.50	7.24	0.78	63.90	AGRADABLE	AGRADABLE
25	0.37	2.50	7.33	0.82	56.40	AGRADABLE	AGRADABLE
26	0.36	2.50	7.43	0.94	57.30	AGRADABLE	AGRADABLE
27	0.48	3.13	7.30	0.80	61.95	AGRADABLE	AGRADABLE
28	0.45	2.50	7.36	1.06	64.35	AGRADABLE	AGRADABLE
29	0.30	2.50	7.29	0.96	60.90	AGRADABLE	AGRADABLE
30	0.48	2.50	7.28	0.83	68.55	AGRADABLE	AGRADABLE
31	0.30	2.50	7.23	0.72	58.95	AGRADABLE	AGRADABLE