

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2009											
DIC. 2009	VILLA VICTORIA CAPACIDAD 185.731 Mm <sup>3</sup>		LLUVIA	VALLE DE BRAVO CAPACIDAD 394.390 Mm <sup>3</sup>		LLUVIA	EL BOSQUE CAPACIDAD 202.400 Mm <sup>3</sup>		LLUVIA	SUMA ALMACENAMIENTO	% DE ALMACENAMIENTO
DIA	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	m <sup>3</sup> .	%
1	91.215	49.11	2.0	287.324	72.85	4.0	101.596	50.20	0.0	480,135,000	61.36
2	91.215	49.11	0.0	287.646	72.93	0.0	100.760	49.78	0.0	479,621,000	61.29
3	91.215	49.11	0.0	288.131	73.06	0.0	100.000	49.41	0.0	479,346,000	61.26
4	91.425	49.22	0.0	288.619	73.18	0.0	99.088	48.96	0.0	479,132,000	61.23
5	91.425	49.22	0.0	288.945	73.26	0.0	98.252	48.54	0.0	478,622,000	61.16
6	91.425	49.22	0.0	289.273	73.35	0.0	97.416	48.13	0.0	478,114,000	61.10
7	91.636	49.34	0.0	289.767	73.47	0.0	96.580	47.72	0.0	477,983,000	61.08
8	91.636	49.34	0.0	290.097	73.56	0.0	95.689	47.28	0.0	477,422,000	61.01
9	91.636	49.34	0.0	290.428	73.64	0.0	94.813	46.84	0.0	476,877,000	60.94
10	91.636	49.34	0.0	290.428	73.64	0.0	94.010	46.45	0.0	476,074,000	60.84
11	91.636	49.34	0.0	290.761	73.72	0.0	92.988	45.94	0.0	475,385,000	60.75
12	92.056	49.56	10.0	290.927	73.77	0.0	92.112	45.51	0.0	475,095,000	60.71
13	92.056	49.56	0.0	291.094	73.81	0.0	91.236	45.08	0.0	474,386,000	60.62
14	92.056	49.56	0.0	291.429	73.89	0.0	90.360	44.64	0.0	473,845,000	60.55
15	92.056	49.56	0.0	291.764	73.98	0.0	89.484	44.21	0.0	473,304,000	60.48
16	92.267	49.68	0.0	291.932	74.02	0.0	88.604	43.78	0.0	472,803,000	60.42
17	92.267	49.68	0.0	291.932	74.02	0.0	87.790	43.37	0.0	471,989,000	60.32
18	92.267	49.68	0.0	292.101	74.06	0.0	86.976	42.97	0.0	471,344,000	60.23
19	92.267	49.68	0.0	292.607	74.19	0.0	86.014	42.50	0.0	470,888,000	60.18
20	92.267	49.68	0.0	292.777	74.24	0.0	85.200	42.09	0.0	470,244,000	60.09
21	92.267	49.68	0.0	292.777	74.24	0.0	84.312	41.66	0.0	469,356,000	59.98
22	92.267	49.68	0.0	293.116	74.32	0.0	83.350	41.18	0.0	468,733,000	59.90
23	92.267	49.68	0.0	293.285	74.36	0.0	82.462	40.74	0.0	468,014,000	59.81
24	92.267	49.68	0.0	293.456	74.41	0.0	81.574	40.30	0.0	467,297,000	59.72
25	92.267	49.68	0.0	293.456	74.41	0.0	80.624	39.83	0.0	466,347,000	59.60
26	92.267	49.68	0.0	293.456	74.41	0.0	79.675	39.37	0.0	465,398,000	59.47
27	92.267	49.68	0.0	293.456	74.41	0.0	78.872	38.97	0.0	464,595,000	59.37
28	92.267	49.68	0.0	293.456	74.41	0.0	77.996	38.54	0.0	463,719,000	59.26
29	92.267	49.68	0.0	293.797	74.49	0.0	77.047	38.07	0.0	463,111,000	59.18
30	92.267	49.68	0.0	294.139	74.58	0.0	76.171	37.63	0.0	462,577,000	59.11
31	92.056	49.56	0.0	294.139	74.58	0.0	75.295	37.20	0.0	461,490,000	58.97
<b>PROM.</b>	<b>91.948</b>		<b>12.0</b>	<b>291.500</b>		<b>4.0</b>	<b>88.592</b>		<b>0.0</b>	<b>472,040,194</b>	
NAMINO 30'000,000 m <sup>3</sup> .			NAMINO 50'000,000 m <sup>3</sup> .			NAMINO 60'000,000 m <sup>3</sup> .			NAMINO SISTEMA = 140'000,000 m <sup>3</sup> .		

 LLUVIA MENOR DE 20.0 mm  
 LLUVIA MENOR DE 70.0 mm

 LIGERAS A MODERADAS  
 FUERTES

 Mm<sup>3</sup> : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m <sup>3</sup>	PRESAS m <sup>3</sup>	58.97%
461,490,000	782,521,000	

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

ENERO 2010	VILLA VICTORIA CAPACIDAD 185.731 Mm <sup>3</sup>		LLUVIA	VALLE DE BRAVO CAPACIDAD 394.390 Mm <sup>3</sup>		LLUVIA	EL BOSQUE CAPACIDAD 202.400 Mm <sup>3</sup>		LLUVIA	SUMA ALMACENAMIENTO	% DE ALMACENAMIENTO
	ALMAC. Mm3	%		ALMAC. Mm3	%		ALMAC. Mm3	%			
DIA	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	m <sup>3</sup> .	%
1	92.267	49.68	0.0	294.139	74.58	0.0	74.419	36.77	0.0	460,825,000	58.89
2	92.267	49.68	1.0	294.139	74.58	0.5	73.624	36.38	0.0	460,030,000	58.79
3	92.056	49.56	3.0	294.311	74.62	0.0	72.984	36.06	1.4	459,351,000	58.70
4	92.056	49.56	0.0	294.311	74.62	0.0	72.344	35.74	0.0	458,711,000	58.62
5	92.056	49.56	0.0	294.311	74.62	0.0	71.384	35.27	0.0	457,751,000	58.50
6	92.056	49.56	0.0	294.482	74.67	0.0	70.424	34.79	0.0	456,962,000	58.40
7	92.477	49.79	20.0	294.998	74.80	15.0	69.592	34.38	17.0	457,067,000	58.41
8	92.898	50.02	19.0	295.863	75.02	10.0	69.464	34.32	12.2	458,225,000	58.56
9	93.530	50.36	4.7	296.384	75.15	1.2	69.592	34.38	8.0	459,506,000	58.72
10	93.530	50.36	0.0	296.733	75.24	0.0	69.720	34.45	0.0	459,983,000	58.78
11	93.530	50.36	0.0	297.082	75.33	0.0	69.400	34.29	0.0	460,012,000	58.79
12	93.530	50.36	2.0	297.608	75.46	0.0	68.696	33.94	0.0	459,834,000	58.76
13	93.740	50.47	0.0	298.311	75.64	0.0	68.312	33.75	0.0	460,363,000	58.83
14	93.951	50.58	17.0	299.018	75.82	8.0	67.800	33.50	0.0	460,769,000	58.88
15	94.816	51.05	15.5	299.373	75.91	11.5	67.800	33.50	17.0	461,989,000	59.04
16	95.050	51.18	0.0	299.906	76.04	0.0	67.800	33.50	0.0	462,756,000	59.14
17	95.284	51.30	0.0	300.263	76.13	0.0	67.608	33.40	0.0	463,155,000	59.19
18	95.284	51.30	0.0	300.978	76.31	0.0	67.224	33.21	0.0	463,486,000	59.23
19	95.518	51.43	0.0	301.516	76.45	0.0	66.584	32.90	0.0	463,618,000	59.25
20	95.518	51.43	0.0	302.056	76.59	0.0	65.944	32.58	0.0	463,518,000	59.23
21	95.518	51.43	0.0	302.236	76.63	0.0	65.560	32.39	0.0	463,314,000	59.21
22	95.518	51.43	0.0	302.056	76.59	0.0	65.304	32.26	0.0	462,878,000	59.15
23	95.752	51.55	0.0	301.876	76.54	0.0	64.920	32.08	0.0	462,548,000	59.11
24	95.752	51.55	0.0	301.696	76.50	0.0	64.432	31.83	0.0	461,880,000	59.02
25	95.752	51.55	0.0	301.337	76.41	0.0	64.024	31.63	0.0	461,113,000	58.93
26	95.752	51.55	0.0	301.157	76.36	0.0	63.576	31.41	0.0	460,485,000	58.85
27	95.986	51.68	0.0	300.799	76.27	0.0	63.448	31.35	0.0	460,233,000	58.81
28	95.986	51.68	0.0	300.263	76.13	0.0	63.320	31.28	0.0	459,569,000	58.73
29	95.986	51.68	0.0	299.551	75.95	0.0	63.384	31.32	0.0	458,921,000	58.65
30	95.986	51.68	0.0	299.373	75.91	0.0	63.320	31.28	0.0	458,679,000	58.62
31	96.220	51.81	1.0	298.841	75.77	8.5	63.192	31.22	2.0	458,253,000	58.56
PROM.	94.375		83.2	298.547		54.7	67.587		57.6	460,509,161	

 NAMINO 30'000,000 m<sup>3</sup>.

 NAMINO 50'000,000 m<sup>3</sup>.

 NAMINO 60'000,000 m<sup>3</sup>.

 NAMINO SISTEMA = 140'000,000 m<sup>3</sup>.

 LLUVIA MENOR DE 20.0 mm  
 LLUVIA MENOR DE 70.0 mm

 LIGERAS A MODERADAS  
 FUERTES

 Mm<sup>3</sup> : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m <sup>3</sup>	PRESAS m <sup>3</sup>	58.56%
458,253,000	782,521,000	

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

FEB. 2010	VILLA VICTORIA CAPACIDAD 185 731 Mm <sup>3</sup>		LLUVIA	VALLE DE BRAVO CAPACIDAD 394 390 Mm <sup>3</sup>		LLUVIA	EL BOSQUE CAPACIDAD 202 400 Mm <sup>3</sup>		LLUVIA	SUMA ALMACENAMIENTO	% DE ALMACENAMIENTO
	ALMAC. Mm3	%		ALMAC. Mm3	%		ALMAC. Mm3	%			
DÍA	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	m <sup>3</sup> .	%
1	96.687	52.06	20.0	298.488	75.68	6.5	63.960	31.60	5.8	459,135,000	58.67
2	97.623	52.56	19.0	298.135	75.59	18.0	65.304	32.26	43.5	461,062,000	58.92
3	104.641	56.34	127.0	303.141	76.86	78.0	74.200	36.66	144.5	481,982,000	61.59
4	117.039	63.02	70.0	306.985	77.84	68.0	85.644	42.31	57.8	509,668,000	65.13
5	122.554	65.98	0.0	312.408	79.21	0.0	88.826	43.89	0.0	523,788,000	66.94
6	127.133	68.45	0.0	313.736	79.55	0.0	90.871	44.90	0.0	531,740,000	67.95
7	128.914	69.41	0.0	314.879	79.84	0.0	92.842	45.87	0.0	536,635,000	68.58
8	130.695	70.37	0.0	315.453	79.99	0.0	93.937	46.41	0.0	540,085,000	69.02
9	131.967	71.05	0.0	315.836	80.08	0.0	95.543	47.21	0.0	543,346,000	69.44
10	133.239	71.74	0.0	316.027	80.13	0.0	97.340	48.09	0.0	546,606,000	69.85
11	134.002	72.15	0.0	316.027	80.13	0.0	98.632	48.73	0.2	548,661,000	70.11
12	134.765	72.56	0.0	316.796	80.33	0.0	99.772	49.29	0.0	551,333,000	70.46
13	135.529	72.97	0.0	316.988	80.37	0.0	101.064	49.93	0.0	553,581,000	70.74
14	136.292	73.38	0.0	316.988	80.37	0.0	101.748	50.27	0.0	555,028,000	70.93
15	136.801	73.66	0.0	317.373	80.47	0.0	102.508	50.65	0.0	556,682,000	71.14
16	137.055	73.79	0.0	317.373	80.47	0.0	103.040	50.91	0.0	557,468,000	71.24
17	138.078	74.34	29.0	318.339	80.72	23.0	104.040	51.40	18.0	560,457,000	71.62
18	139.599	75.16	7.5	318.339	80.72	1.8	105.880	52.31	1.2	563,818,000	72.05
19	140.362	75.57	0.0	318.726	80.81	0.0	107.160	52.94	0.0	566,248,000	72.36
20	141.125	75.98	0.0	318.919	80.86	0.0	108.520	53.62	0.0	568,564,000	72.66
21	141.634	76.26	0.0	319.307	80.96	0.0	109.480	54.09	0.0	570,421,000	72.90
22	142.143	76.53	0.0	319.501	81.01	0.0	110.440	54.57	0.0	572,084,000	73.11
23	142.397	76.67	0.0	319.890	81.11	0.0	110.920	54.80	0.0	573,207,000	73.25
24	142.652	76.81	0.0	320.084	81.16	0.0	111.160	54.92	0.0	573,896,000	73.34
25	142.906	76.94	0.0	320.279	81.21	0.0	111.400	55.04	0.0	574,585,000	73.43
26	143.161	77.08	0.0	320.474	81.26	0.0	111.480	55.08	0.0	575,115,000	73.50
27	143.415	77.22	0.0	320.669	81.31	0.0	111.800	55.24	0.0	575,884,000	73.59
28	143.690	77.36	0.0	320.474	81.26	0.0	112.112	55.39	0.0	576,276,000	73.64
29											
30											
31											
PROM.	132.361		272.5	315.416		195.3	98.915		271.0	546,691,250	

 NAMINO 30'000,000 m<sup>3</sup>.

 NAMINO 50'000,000 m<sup>3</sup>.

 NAMINO 60'000,000 m<sup>3</sup>.

 NAMINO SISTEMA = 140'000,000 m<sup>3</sup>.

 LLUVIA MENOR DE 20.0 mm  
 LLUVIA MENOR DE 70.0 mm

 LIGERAS A MODERADAS  
 FUERTES

 Mm<sup>3</sup> : Millones de metros cúbicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m <sup>3</sup>	PRESAS m <sup>3</sup>	73.64%
576,276,000	782,521,000	



COMISION NACIONAL DEL AGUA  
 ORGANISMO DE CUENCA AGUAS DEL VALLE DE MEXICO  
 DIRECCION DE AGUA POTABLE DRENAJE Y SANEAMIENTO

ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010

MAR. 2010	VILLA VICTORIA CAPACIDAD 185.731 Mm <sup>3</sup>		LLUVIA	VALLE DE BRAVO CAPACIDAD 394.390 Mm <sup>3</sup>		LLUVIA	EL BOSQUE CAPACIDAD 202.400 Mm <sup>3</sup>		LLUVIA	SUMA ALMACENAMIENTO	% DE ALMACENAMIENTO
DIA	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	m <sup>3</sup> .	%
1	144.240	77.66	0.0	320.279	81.21	0.0	112.190	55.43	0.0	576,709,000	73.70
2	144.515	77.81	0.0	319.890	81.11	0.0	112.346	55.51	0.0	576,751,000	73.70
3	144.790	77.96	0.0	319.696	81.06	0.0	112.658	55.66	0.0	577,144,000	73.75
4	145.065	78.10	0.0	319.113	80.91	0.0	113.204	55.93	0.0	577,382,000	73.78
5	145.065	78.10	0.0	318.339	80.72	0.0	113.438	56.05	0.0	576,842,000	73.72
6	145.341	78.25	0.0	317.952	80.62	0.0	113.438	56.05	0.0	576,731,000	73.70
7	145.341	78.25	0.0	317.566	80.52	0.0	113.594	56.12	0.0	576,501,000	73.67
8	145.616	78.40	0.0	317.373	80.47	0.0	113.438	56.05	3.1	576,427,000	73.66
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PROM.	144.997		0.0	318.776		0.0	113.038		3.1	576,810,875	

NAMINO 30'000,000 m<sup>3</sup>.

NAMINO 50'000,000 m<sup>3</sup>.

NAMINO 60'000,000 m<sup>3</sup>.

NAMINO SISTEMA = 140'000,000 m<sup>3</sup>.

LLUVIA MENOR DE 20.0 mm  
 LLUVIA MENOR DE 70.0 mm



LIGERAS A MODERADAS  
 FUERTES

Mm<sup>3</sup> : Millones de metros cubicos

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m <sup>3</sup>	PRESAS m <sup>3</sup>	73.66%
576,427,000	782,521,000	