

# ANEXO 1

## BALANCE HIDRÁULICO DE LAS PRESAS QUE CONFORMAN EL SISTEMA CUTZAMALA

*FUENTE:*



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 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
	ALMAC. Mm3	%		mm	ALMAC. Mm3		%	mm			
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
PROM.	91.948		12.0	291.500		4.0	88.592		0.0	472,040,194	

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
<b>PROM.</b>	<b>94.375</b>		<b>83.2</b>	<b>298.547</b>		<b>54.7</b>	<b>67.587</b>		<b>57.6</b>	<b>460,509,161</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>	58.56%
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	%			
DIA	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											
<b>PROM.</b>	<b>132.361</b>		<b>272.5</b>	<b>315.416</b>		<b>195.3</b>	<b>98.915</b>		<b>271.0</b>	<b>546,691,250</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>	73.64%
576,276,000	782,521,000	

**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		%	ALMAC. Mm3		%	ALMAC. Mm3			
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	0.0	576,427,000	73.66
9	145.891	78.55	0.0	317.181	80.42	0.0	112.892	55.78	0.0	575,964,000	73.60
10	145.891	78.55	0.0	317.181	80.42	0.0	112.268	55.47	0.0	575,340,000	73.52
11	145.616	78.40	0.0	318.145	80.67	0.0	111.560	55.12	0.0	575,321,000	73.52
12	145.341	78.25	0.0	318.726	80.81	0.0	110.920	54.80	0.0	574,987,000	73.48
13	145.065	78.10	0.0	319.696	81.06	0.0	110.280	54.49	0.0	575,041,000	73.49
14	144.790	77.96	0.0	320.084	81.16	0.0	109.480	54.09	0.0	574,354,000	73.40
15	144.515	77.81	0.0	320.669	81.31	0.0	108.680	53.70	0.0	573,864,000	73.34
16	144.240	77.66	0.0	320.864	81.36	0.0	107.880	53.30	0.0	572,984,000	73.22
17	143.965	77.51	0.0	321.059	81.41	0.0	107.240	52.98	0.0	572,264,000	73.13
18	143.690	77.36	0.0	321.843	81.61	0.0	106.280	52.51	0.0	571,813,000	73.07
19	143.415	77.22	0.0	322.428	81.75	0.0	105.400	52.08	0.0	571,243,000	73.00
20	143.161	77.08	0.0	322.624	81.80	0.0	104.520	51.64	0.0	570,305,000	72.88
21	142.906	76.94	0.0	323.213	81.95	0.0	103.572	51.17	0.0	569,691,000	72.80
22	142.652	76.81	0.0	323.606	82.05	0.0	102.584	50.68	0.0	568,842,000	72.69
23	142.397	76.67	0.0	324.260	82.22	0.0	101.596	50.20	0.0	568,253,000	72.62
24	142.143	76.53	0.0	324.491	82.28	0.0	100.608	49.71	0.0	567,242,000	72.49
25	141.889	76.39	0.0	325.350	82.49	0.0	99.620	49.22	0.0	566,859,000	72.44
26	141.634	76.26	0.0	325.350	82.49	0.0	98.632	48.73	0.0	565,616,000	72.28
27	141.380	76.12	0.0	325.350	82.49	0.0	97.644	48.24	0.0	564,374,000	72.12
28	141.125	75.98	0.0	325.759	82.60	0.0	96.732	47.79	0.0	563,616,000	72.03
29	140.871	75.85	0.0	325.759	82.60	0.0	95.762	47.31	0.0	562,392,000	71.87
30	140.617	75.71	0.0	325.759	82.60	0.0	94.740	46.81	0.0	561,116,000	71.71
31	140.362	75.57	0.0	325.556	82.55	0.0	93.937	46.41	0.0	559,855,000	71.55
PROM.	143.662		0.0	321.457		0.0	106.359		0.0	571,478,161	

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>	71.55%
559,855,000	782,521,000	

"Juntos Cuidamos el Agua"

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

ABR. 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	%			
1	140.362	75.57	0.0	325.759	82.60	0.0	92.915	45.91	0.0	559,036,000	71.44
2	140.108	75.44	0.0	326.750	82.85	0.0	91.820	45.37	0.0	558,678,000	71.39
3	140.108	75.44	0.0	327.137	82.95	0.0	90.871	44.90	0.0	558,116,000	71.32
4	139.853	75.30	0.0	327.137	82.95	0.0	89.922	44.43	0.0	556,912,000	71.17
5	139.599	75.16	0.0	327.137	82.95	0.0	88.752	43.85	0.0	555,488,000	70.99
6	139.345	75.03	0.0	327.137	82.95	0.0	87.568	43.26	0.0	554,050,000	70.80
7	139.090	74.89	0.0	327.520	83.04	0.0	86.310	42.64	0.0	552,920,000	70.66
8	138.581	74.61	0.0	327.899	83.14	0.0	85.052	42.02	0.0	551,532,000	70.48
9	137.818	74.20	0.0	328.088	83.19	0.0	83.794	41.40	0.0	549,700,000	70.25
10	137.564	74.07	0.0	328.649	83.33	0.0	82.536	40.78	0.0	548,749,000	70.13
11	137.055	73.79	0.0	329.019	83.42	0.0	81.281	40.16	0.0	547,355,000	69.95
12	136.292	73.38	1.5	329.387	83.52	0.0	80.113	39.58	0.5	545,792,000	69.75
13	135.783	73.11	0.0	329.754	83.61	3.5	78.872	38.97	0.0	544,409,000	69.57
14	135.529	72.97	0.0	329.754	83.61	0.0	77.704	38.39	0.0	542,987,000	69.39
15	135.274	72.83	0.0	329.754	83.61	0.0	76.463	37.78	0.0	541,491,000	69.20
16	135.020	72.70	0.0	329.571	83.56	0.0	75.222	37.17	0.0	539,813,000	68.98
17	134.765	72.56	0.0	329.571	83.56	0.0	74.072	36.60	0.0	538,408,000	68.80
18	134.511	72.42	0.0	329.387	83.52	0.0	72.920	36.03	0.0	536,818,000	68.60
19	134.257	72.29	0.0	329.387	83.52	0.0	71.832	35.49	0.0	535,476,000	68.43
20	134.002	72.15	0.0	329.387	83.52	0.0	70.808	34.98	0.0	534,197,000	68.27
21	133.748	72.01	0.0	329.387	83.52	0.0	69.784	34.48	0.0	532,919,000	68.10
22	133.239	71.74	0.0	329.571	83.56	0.0	68.696	33.94	0.0	531,506,000	67.92
23	132.476	71.33	0.0	329.936	83.66	0.0	67.608	33.40	0.0	530,020,000	67.73
24	131.713	70.92	0.0	330.299	83.75	0.0	66.520	32.87	0.0	528,532,000	67.54
25	131.204	70.64	0.0	330.840	83.89	0.0	65.432	32.33	0.0	527,476,000	67.41
26	130.441	70.23	0.0	331.199	83.98	0.0	64.856	32.04	0.0	526,496,000	67.28
27	129.677	69.82	0.0	331.020	83.93	0.0	64.792	32.01	0.0	525,489,000	67.15
28	128.914	69.41	0.0	330.118	83.70	0.0	64.600	31.92	0.0	523,632,000	66.92
29	128.151	69.00	0.0	329.204	83.47	0.0	64.432	31.83	0.0	521,787,000	66.68
30	127.897	68.86	0.0	329.019	83.42	0.0	64.344	31.79	0.0	521,260,000	66.61
31											
PROM.	135.079		1.5	328.959		3.5	76.663		0.5	540,701,467	

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>	66.61%
521,260,000	782,521,000	

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

MAYO. 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	127.388	68.59	0.0	329.204	83.47	0.0	64.216	31.73	0.0	520,808,000	66.56
2	126.116	67.90	0.0	328.649	83.33	0.0	64.088	31.66	0.0	518,853,000	66.31
3	125.607	67.63	0.0	327.899	83.14	0.0	63.896	31.57	0.0	517,402,000	66.12
4	124.844	67.22	0.0	327.710	83.09	0.0	63.768	31.51	0.0	516,322,000	65.98
5	124.081	66.81	0.0	327.520	83.04	0.0	63.640	31.44	0.0	515,241,000	65.84
6	123.572	66.53	0.0	326.754	82.85	0.0	63.512	31.38	0.0	513,838,000	65.66
7	123.063	66.26	0.0	326.160	82.70	0.0	63.384	31.32	0.0	512,607,000	65.51
8	122.300	65.85	0.0	325.350	82.49	0.0	63.320	31.28	0.0	510,970,000	65.30
9	122.300	65.85	10.0	324.714	82.33	0.0	63.256	31.25	2.0	510,270,000	65.21
10	122.554	65.98	7.0	324.000	82.15	2.0	63.320	31.28	0.0	509,874,000	65.16
11	121.282	65.30	0.0	323.410	82.00	0.0	63.384	31.32	0.0	508,076,000	64.93
12	120.519	64.89	0.0	323.017	81.90	0.0	63.320	31.28	0.0	506,856,000	64.77
13	120.010	64.61	0.0	322.624	81.80	0.0	63.384	31.32	0.0	506,018,000	64.67
14	119.501	64.34	0.0	322.036	81.65	0.0	63.448	31.35	0.0	504,985,000	64.53
15	119.247	64.20	0.0	321.449	81.51	0.0	63.448	31.35	0.0	504,144,000	64.43
16	118.229	63.66	0.0	320.864	81.36	0.0	63.128	31.19	0.0	502,221,000	64.18
17	117.741	63.39	0.0	320.474	81.26	3.0	63.064	31.16	0.0	501,279,000	64.06
18	117.273	63.14	0.0	319.890	81.11	0.0	63.000	31.13	0.0	500,163,000	63.92
19	116.805	62.89	0.0	319.501	81.01	0.0	62.872	31.06	0.0	499,178,000	63.79
20	116.337	62.64	0.0	318.919	80.86	0.0	62.744	31.00	0.0	498,000,000	63.64
21	115.870	62.39	2.3	318.145	80.67	0.0	62.680	30.97	0.0	496,695,000	63.47
22	115.168	62.01	0.0	317.373	80.47	0.0	62.552	30.91	0.0	495,093,000	63.27
23	114.934	61.88	8.2	316.796	80.33	0.0	62.360	30.81	0.0	494,090,000	63.14
24	114.466	61.63	0.0	316.411	80.23	0.0	62.232	30.75	0.0	493,109,000	63.02
25	113.764	61.25	0.0	316.027	80.13	0.0	62.104	30.68	0.0	491,895,000	62.86
26	113.296	61.00	0.0	315.453	79.99	0.0	61.976	30.62	0.0	490,725,000	62.71
27	112.829	60.75	0.0	315.070	79.89	0.0	61.848	30.56	0.0	489,747,000	62.59
28	112.361	60.50	0.0	314.307	79.69	0.0	61.720	30.49	0.0	488,388,000	62.41
29	111.893	60.24	0.0	313.926	79.60	0.0	61.656	30.46	0.0	487,475,000	62.30
30	111.191	59.87	0.0	313.166	79.41	0.0	61.592	30.43	0.0	485,949,000	62.10
31	110.489	59.49	0.0	312.787	79.31	0.0	61.464	30.37	0.0	484,740,000	61.95
PROM.	118.549		27.5	320.955		5.0	62.915		2.0	502,419,710	

 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>	61.95%
484,740,000	782,521,000	

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

JUNIO 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	109.787	59.11	0.0	312.030	79.12	0.0	61.339	30.31	0.0	483,156,000	61.74
2	109.086	58.73	0.0	311.464	78.97	0.0	61.217	30.25	0.0	481,767,000	61.57
3	108.618	58.48	0.0	310.899	78.83	0.0	61.095	30.19	0.0	480,612,000	61.42
4	107.916	58.10	0.0	310.149	78.64	0.0	60.912	30.09	0.0	478,977,000	61.21
5	107.448	57.85	0.0	309.587	78.50	1.8	60.729	30.00	0.0	477,764,000	61.05
6	106.746	57.47	1.0	308.840	78.31	0.0	60.668	29.97	1.4	476,254,000	60.86
7	106.279	57.22	2.0	308.282	78.17	12.5	60.546	29.91	0.0	475,107,000	60.71
8	106.045	57.10	8.2	307.725	78.03	0.0	60.607	29.94	27.5	474,377,000	60.62
9	105.576	56.84	0.7	307.725	78.03	0.0	60.851	30.06	1.0	474,152,000	60.59
10	105.343	56.72	8.1	307.170	77.88	1.2	61.156	30.22	2.0	473,669,000	60.53
11	105.576	56.84	18.0	306.800	77.79	11.7	61.720	30.49	1.3	474,096,000	60.59
12	105.343	56.72	8.1	306.431	77.70	13.0	62.296	30.78	5.5	474,070,000	60.58
13	105.109	56.59	5.5	306.616	77.74	2.0	63.064	31.16	3.3	474,789,000	60.67
14	104.875	56.47	2.4	306.985	77.84	1.0	63.960	31.60	5.0	475,820,000	60.81
15	104.641	56.34	25.0	307.170	77.88	10.5	64.600	31.92	1.5	476,411,000	60.88
16	103.939	55.96	0.0	307.170	77.88	1.0	65.048	32.14	0.9	476,157,000	60.85
17	103.705	55.84	10.4	307.540	77.98	24.0	65.816	32.52	40.5	477,061,000	60.96
18	103.003	55.46	2.0	307.911	78.07	0.5	66.776	32.99	13.8	477,690,000	61.05
19	102.770	55.33	13.0	308.282	78.17	7.5	67.800	33.50	30.0	478,852,000	61.19
20	102.068	54.95	1.9	308.282	78.17	1.0	68.440	33.81	0.7	478,790,000	61.19
21	101.600	54.70	9.5	308.463	78.21	5.5	69.080	34.13	10.0	479,143,000	61.23
22	101.600	54.70	0.0	308.463	78.21	1.5	70.040	34.60	3.3	480,103,000	61.35
23	101.132	54.45	2.0	308.840	78.31	4.6	70.744	34.95	6.0	480,716,000	61.43
24	100.664	54.20	4.9	309.027	78.36	1.0	71.320	35.24	2.3	481,011,000	61.47
25	100.196	53.95	0.0	309.027	78.36	0.0	71.896	35.52	0.0	481,119,000	61.48
26	99.728	53.69	1.0	309.027	78.36	1.0	72.472	35.81	6.0	481,227,000	61.50
27	99.261	53.44	0.0	308.840	78.31	0.0	73.240	36.19	0.0	481,341,000	61.51
28	98.559	53.07	0.0	308.840	78.31	2.0	73.624	36.38	0.0	481,023,000	61.47
29	97.857	52.69	0.0	308.654	78.26	0.0	74.072	36.60	0.0	480,583,000	61.41
30	97.389	52.44	7.5	308.654	78.26	11.0	74.930	37.02	31.0	480,973,000	61.46
<b>PROM.</b>	<b>103.729</b>		<b>131.2</b>	<b>308.496</b>		<b>114.3</b>	<b>66.002</b>		<b>193.0</b>	<b>478,227,000</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 cúbicos

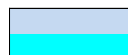
ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m <sup>3</sup>	PRESAS m <sup>3</sup>	61.46%
480,973,000	782,521,000	



**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

JULIO 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	96.687	52.06	7.3	309.213	78.40	26.0	77.777	38.43	35.0	483,677,000	61.81
2	96.220	51.81	0.0	309.774	78.55	1.0	79.310	39.18	11.4	485,304,000	62.02
3	95.752	51.55	1.0	309.774	78.55	1.0	81.062	40.05	1.7	486,588,000	62.18
4	95.050	51.18	0.0	309.961	78.59	12.0	82.240	40.63	7.5	487,251,000	62.27
5	94.372	50.81	0.0	309.961	78.59	0.0	82.610	40.82	6.0	486,943,000	62.23
6	93.740	50.47	0.0	309.961	78.59	3.5	82.758	40.89	0.8	486,459,000	62.17
7	93.951	50.58	18.0	309.774	78.55	12.0	83.054	41.03	7.3	486,779,000	62.21
8	94.161	50.70	10.4	310.149	78.64	33.0	83.868	41.44	15.8	488,178,000	62.39
9	94.161	50.70	17.0	310.899	78.83	10.5	84.460	41.73	3.4	489,520,000	62.56
10	93.951	50.58	14.0	311.653	79.02	9.3	84.830	41.91	2.9	490,434,000	62.67
11	94.372	50.81	7.0	312.219	79.17	7.0	85.274	42.13	1.2	491,865,000	62.86
12	94.372	50.81	16.5	312.976	79.36	3.0	85.792	42.39	10.0	493,140,000	63.02
13	93.740	50.47	0.0	313.166	79.41	1.0	86.236	42.61	25.0	493,142,000	63.02
14	93.109	50.13	0.0	313.356	79.45	0.0	86.606	42.79	0.0	493,071,000	63.01
15	92.898	50.02	2.0	313.356	79.45	2.0	86.902	42.94	9.0	493,156,000	63.02
16	92.267	49.68	0.0	313.356	79.45	5.0	88.160	43.56	7.2	493,783,000	63.10
17	91.636	49.34	4.5	313.546	79.50	5.6	88.900	43.92	25.0	494,082,000	63.14
18	91.636	49.34	10.9	314.116	79.65	28.0	89.703	44.32	4.5	495,455,000	63.32
19	91.636	49.34	5.0	315.261	79.94	21.0	91.309	45.11	13.5	498,206,000	63.67
20	92.056	49.56	24.7	317.181	80.42	15.0	93.207	46.05	11.8	502,444,000	64.21
21	92.056	49.56	0.5	318.339	80.72	9.0	95.032	46.95	19.0	505,427,000	64.59
22	91.636	49.34	6.5	319.696	81.06	17.0	98.252	48.54	16.8	509,584,000	65.12
23	92.477	49.79	24.0	321.254	81.46	37.0	101.444	50.12	27.7	515,175,000	65.84
24	93.319	50.24	15.0	323.606	82.05	9.0	104.760	51.76	7.0	521,685,000	66.67
25	93.740	50.47	1.5	325.350	82.49	9.0	107.080	52.91	34.0	526,170,000	67.24
26	94.582	50.92	6.2	326.358	82.75	13.0	109.160	53.93	7.2	530,100,000	67.74
27	95.986	51.68	20.0	328.088	83.19	27.0	112.112	55.39	32.1	536,186,000	68.52
28	96.687	52.06	20.1	330.118	83.70	8.0	114.452	56.55	8.5	541,257,000	69.17
29	100.664	54.20	20.0	332.620	84.34	23.5	116.948	57.78	6.0	550,232,000	70.32
30	101.600	54.70	0.0	333.846	84.65	2.0	119.054	58.82	0.0	554,500,000	70.86
31	103.003	55.46	2.0	334.367	84.78	0.0	121.601	60.08	7.3	558,971,000	71.43
<b>PROM.</b>	<b>94.565</b>		<b>254.1</b>	<b>317.203</b>		<b>350.4</b>	<b>93.676</b>		<b>364.6</b>	<b>505,444,000</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>	71.43%
558,971,000	782,521,000	

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

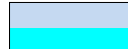
AGOSTO 2010	VILLA VICTORIA CAPACIDAD 185.731 Mm <sup>3</sup>		LLUVIA	VALLE DE BRAVO CAPACIDAD 394.390 Mm <sup>3</sup>		LLUVIA	EL BOSQUE CAPACIDAD 202.400 Mm <sup>3</sup>		LLUVIA	SUMA ALMACENAMIENTO	% DE ALMACENAMIENTO
	ALMAC. Mm3	%		ALMAC. Mm3	%		ALMAC. Mm3	%			
DIA	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	ALMAC. Mm3	%	mm	m <sup>3</sup> .	%
1	103.003	55.46	0.0	334.886	84.91	0.0	124.037	61.28	0.0	561,926,000	71.81
2	103.471	55.71	1.8	335.747	85.13	12.4	126.299	62.40	4.0	565,517,000	72.27
3	103.939	55.96	6.6	336.943	85.43	3.0	128.815	63.64	11.5	569,697,000	72.80
4	103.939	55.96	0.0	337.960	85.69	18.0	131.493	64.97	1.0	573,392,000	73.27
5	104.407	56.21	10.0	339.139	85.99	9.0	133.965	66.19	1.0	577,511,000	73.80
6	103.939	55.96	0.0	339.641	86.12	0.0	136.334	67.36	1.0	579,914,000	74.11
7	104.641	56.34	3.5	340.642	86.37	25.0	138.394	68.38	0.0	583,677,000	74.59
8	105.343	56.72	0.0	341.473	86.58	17.0	140.952	69.64	10.3	587,768,000	75.11
9	105.811	56.97	1.0	342.630	86.88	1.0	143.304	70.80	7.5	591,745,000	75.62
10	108.150	58.23	3.5	343.288	87.04	8.0	145.950	72.11	21.0	597,388,000	76.34
11	108.150	58.23	4.4	343.780	87.17	1.0	148.400	73.32	11.0	600,330,000	76.72
12	108.618	58.48	4.0	344.271	87.29	6.0	151.190	74.70	16.8	604,079,000	77.20
13	108.852	58.61	9.5	344.598	87.37	5.0	154.070	76.12	19.0	607,520,000	77.64
14	109.086	58.73	1.8	345.088	87.50	1.0	156.230	77.19	21.0	610,404,000	78.00
15	109.320	58.86	2.4	345.414	87.58	1.0	157.040	77.59	13.5	611,774,000	78.18
16	110.021	59.24	3.0	345.901	87.71	13.0	158.622	78.37	14.0	614,544,000	78.53
17	110.957	59.74	21.0	346.876	87.95	19.2	162.664	80.37	34.5	620,497,000	79.29
18	112.361	60.50	6.5	348.650	88.40	27.5	166.612	82.32	36.0	627,623,000	80.21
19	114.466	61.63	8.7	350.893	88.97	52.0	170.000	83.99	38.1	635,359,000	81.19
20	115.636	62.26	4.0	352.961	89.50	5.0	172.900	85.42	6.1	641,497,000	81.98
21	116.571	62.76	4.6	354.070	89.78	3.0	175.000	86.46	12.5	645,641,000	82.51
22	116.805	62.89	0.0	354.859	89.98	8.0	176.700	87.30	8.5	648,364,000	82.86
23	117.741	63.39	0.0	355.489	90.14	0.0	178.096	87.99	0.0	651,326,000	83.23
24	118.229	63.66	0.0	357.060	90.53	40.0	179.824	88.85	5.6	655,113,000	83.72
25	118.738	63.93	5.6	358.256	90.84	15.0	180.580	89.22	21.5	657,574,000	84.03
26	119.501	64.34	0.0	359.316	91.11	0.0	180.904	89.38	0.0	659,721,000	84.31
27	119.756	64.48	1.0	359.985	91.28	20.0	181.336	89.59	3.0	661,077,000	84.48
28	120.519	64.89	6.0	360.404	91.38	2.0	181.876	89.86	0.4	662,799,000	84.70
29	121.028	65.16	6.6	361.128	91.57	0.0	182.416	90.13	6.5	664,572,000	84.93
30	121.537	65.44	0.0	362.186	91.83	13.0	182.848	90.34	3.6	666,571,000	85.18
31	121.791	65.57	2.5	363.287	92.11	27.0	183.280	90.55	11.4	668,358,000	85.41
PROM.	111.817		118.0	348.607		352.1	159.036		340.3	619,460,581	

 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>	85.41%
668,358,000	782,521,000	

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

SEPT. 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	122.300	65.85	5.0	364.096	92.32	23.0	183.280	90.55	5.8	669,676,000	85.58
2	122.554	65.98	0.0	364.589	92.44	1.7	183.064	90.45	13.4	670,207,000	85.65
3	122.809	66.12	0.0	365.424	92.66	2.4	182.524	90.18	1.2	670,757,000	85.72
4	123.063	66.26	0.0	366.445	92.91	16.0	182.308	90.07	1.3	671,816,000	85.85
5	123.826	66.67	11.0	368.189	93.36	15.0	182.632	90.23	18.0	674,647,000	86.21
6	124.081	66.81	2.0	369.979	93.81	19.0	184.468	91.14	53.9	678,528,000	86.71
7	124.335	66.94	3.0	371.074	94.09	2.0	184.792	91.30	6.3	680,201,000	86.92
8	125.093	67.35	1.8	372.183	94.37	6.2	185.224	91.51	8.0	682,500,000	87.22
9	125.353	67.49	0.0	373.305	94.65	6.2	185.224	91.51	0.0	683,882,000	87.39
10	126.116	67.90	0.0	374.440	94.94	1.6	185.764	91.78	0.5	686,320,000	87.71
11	126.879	68.31	1.0	375.396	95.18	3.0	186.844	92.31	24.2	689,119,000	88.06
12	127.133	68.45	0.0	376.940	95.58	0.0	187.600	92.69	0.6	691,673,000	88.39
13	127.897	68.86	0.0	378.112	95.87	2.0	188.090	92.93	0.0	694,099,000	88.70
14	128.405	69.13	0.0	379.294	96.17	18.2	188.482	93.12	1.7	696,181,000	88.97
15	128.660	69.27	3.0	380.886	96.58	4.5	188.776	93.27	6.4	698,322,000	89.24
16	129.169	69.55	0.0	382.090	96.88	0.0	188.972	93.37	0.0	700,231,000	89.48
17	129.169	69.55	1.0	383.305	97.19	3.0	188.972	93.37	0.0	701,446,000	89.64
18	129.677	69.82	14.0	384.528	97.50	8.7	189.168	93.46	16.7	703,373,000	89.89
19	130.441	70.23	1.3	386.172	97.92	15.0	189.658	93.70	18.5	706,271,000	90.26
20	130.695	70.37	0.0	387.623	98.28	0.0	189.952	93.85	22.0	708,270,000	90.51
21	131.204	70.64	9.0	389.085	98.65	1.0	191.618	94.67	20.0	711,907,000	90.98
22	132.730	71.46	4.0	390.136	98.92	0.0	191.716	94.72	0.3	714,582,000	91.32
23	133.239	71.74	17.0	390.980	99.14	0.0	191.716	94.72	0.4	715,935,000	91.49
24	134.257	72.29	19.0	392.892	99.62	3.0	191.912	94.82	4.7	719,061,000	91.89
25	134.511	72.42	0.0	394.570	100.05	24.5	192.500	95.11	36.2	721,581,000	92.21
26	135.274	72.83	0.0	394.750	100.09	0.0	192.696	95.21	0.0	722,720,000	92.36
27	135.274	72.83	0.0	394.750	100.09	0.0	192.696	95.21	0.0	722,720,000	92.36
28	135.529	72.97	0.0	394.570	100.05	0.0	192.402	95.06	0.0	722,501,000	92.33
29	135.783	73.11	0.0	394.930	100.14	0.0	192.304	95.01	0.0	723,017,000	92.40
30	136.037	73.24	0.0	394.750	100.09	0.0	191.814	94.77	0.0	722,601,000	92.34
31											
PROM.	129.050		92.1	381.183		176.0	188.239		260.1	698,471,467	

 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>	92.34%
722,601,000	782,521,000	

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

OCT. 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	136.292	73.38	0.0	394.750	100.09	0.0	191.716	94.72	0.0	722,758,000	92.36
2	136.292	73.38	0.0	394.570	100.05	0.0	191.716	94.72	0.0	722,578,000	92.34
3	136.546	73.52	0.0	394.570	100.05	0.0	191.814	94.77	0.0	722,930,000	92.38
4	136.801	73.66	0.0	394.175	99.95	0.0	191.912	94.82	0.0	722,888,000	92.38
5	137.055	73.79	0.0	394.175	99.95	0.0	191.912	94.82	0.0	723,142,000	92.41
6	137.309	73.93	3.0	393.747	99.84	3.0	191.912	94.82	0.0	722,968,000	92.39
7	137.309	73.93	0.0	393.747	99.84	0.0	192.010	94.87	0.0	723,066,000	92.40
8	137.818	74.20	0.0	393.747	99.84	0.0	192.108	94.92	0.0	723,673,000	92.48
9	137.818	74.20	0.0	394.175	99.95	0.0	192.108	94.92	0.0	724,101,000	92.53
10	138.078	74.34	0.0	393.961	99.89	0.0	192.206	94.96	0.0	724,245,000	92.55
11	138.078	74.34	0.0	393.747	99.84	0.0	192.206	94.96	0.0	724,031,000	92.53
12	138.327	74.48	0.0	393.747	99.84	0.9	192.108	94.92	0.0	724,182,000	92.54
13	138.327	74.48	0.0	393.747	99.84	0.0	192.010	94.87	0.0	724,084,000	92.53
14	138.327	74.48	0.0	393.533	99.78	0.0	191.912	94.82	0.0	723,772,000	92.49
15	138.327	74.48	0.0	393.533	99.78	0.0	191.814	94.77	0.0	723,674,000	92.48
16	138.581	74.61	0.0	393.105	99.67	0.0	191.716	94.72	0.0	723,402,000	92.45
17	138.581	74.61	0.0	392.892	99.62	0.0	191.618	94.67	0.0	723,091,000	92.41
18	138.836	74.75	0.0	392.679	99.57	0.0	191.422	94.58	0.0	722,937,000	92.39
19	138.836	74.75	0.0	392.253	99.46	0.0	191.324	94.53	0.0	722,413,000	92.32
20	139.090	74.89	0.0	392.040	99.40	0.0	191.618	94.67	0.0	722,748,000	92.36
21	139.090	74.89	0.0	391.403	99.24	0.0	191.814	94.77	0.0	722,307,000	92.31
22	139.090	74.89	0.0	391.192	99.19	0.0	192.108	94.92	0.0	722,390,000	92.32
23	139.090	74.89	0.0	391.192	99.19	0.0	192.402	95.06	0.0	722,684,000	92.35
24	139.345	75.03	0.0	390.769	99.08	0.0	192.696	95.21	0.0	722,810,000	92.37
25	139.345	75.03	0.0	390.347	98.97	0.0	192.794	95.25	0.0	722,486,000	92.33
26	139.345	75.03	0.0	389.925	98.87	0.0	193.088	95.40	0.0	722,358,000	92.31
27	139.345	75.03	0.0	389.505	98.76	0.0	193.088	95.40	0.0	721,938,000	92.26
28	139.345	75.03	0.0	388.876	98.60	0.0	193.186	95.45	0.0	721,407,000	92.19
29	139.345	75.03	0.0	388.876	98.60	0.0	193.284	95.50	0.0	721,505,000	92.20
30	139.599	75.16	0.0	389.295	98.71	0.0	193.284	95.50	0.0	722,178,000	92.29
31	139.853	75.30	16.5	389.295	98.71	0.0	193.284	95.50	0.0	722,432,000	92.32
PROM.	138.368		19.5	392.373		3.9	192.200		0.0	722,941,226	

 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

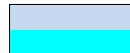
 LIGERAS A MODERADAS  
 FUERTES

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

ALMACENAMIENTO ACTUAL	ALMACENAMIENTO TOTAL	% DE ALMACENAMIENTO
PRESAS m <sup>3</sup>	PRESAS m <sup>3</sup>	92.32%
722,432,000	782,521,000	

**ALMACENAMIENTO EN PRESAS DEL SISTEMA CUTZAMALA 2010**

NOV. 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	139.853	75.30	0.0	389.085	98.65	0.0	193.480	95.59	0.0	722,418,000	92.32
2	139.853	75.30	0.0	388.876	98.60	4.3	193.676	95.69	0.0	722,405,000	92.32
3	140.108	75.44	0.0	388.248	98.44	11.0	193.872	95.79	10.1	722,228,000	92.30
4	140.108	75.44	0.0	388.040	98.39	0.0	193.970	95.83	0.0	722,118,000	92.28
5	139.853	75.30	0.0	387.831	98.34	0.0	194.068	95.88	0.0	721,752,000	92.23
6	139.853	75.30	0.0	387.415	98.23	0.0	193.970	95.83	0.0	721,238,000	92.17
7	139.853	75.30	0.0	387.000	98.13	0.0	193.774	95.74	0.0	720,627,000	92.09
8	139.853	75.30	0.0	386.379	97.97	0.0	193.774	95.74	0.0	720,006,000	92.01
9	139.853	75.30	0.0	385.760	97.81	0.0	193.676	95.69	0.0	719,289,000	91.92
10	139.853	75.30	0.0	385.143	97.66	0.0	193.382	95.54	0.0	718,378,000	91.80
11	139.599	75.16	0.0	385.348	97.71	0.0	192.990	95.35	0.0	717,937,000	91.75
12	139.090	74.89	0.0	386.172	97.92	0.0	192.598	95.16	0.0	717,860,000	91.74
13	138.836	74.75	0.0	386.586	98.02	0.0	192.108	94.92	0.0	717,530,000	91.69
14	138.836	74.75	0.0	386.379	97.97	0.0	191.618	94.67	0.0	716,833,000	91.61
15	138.581	74.61	0.0	386.172	97.92	0.0	191.226	94.48	0.0	715,979,000	91.50
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											
27											
28											
29											
30											
31											
<b>PROM.</b>	<b>139.599</b>		<b>0.0</b>	<b>386.962</b>		<b>15.3</b>	<b>193.212</b>		<b>10.1</b>	<b>719,773,200</b>	
<b>NAMINO</b>		<b>30'000,000 m<sup>3</sup>.</b>	<b>NAMINO</b>		<b>50'000,000 m<sup>3</sup>.</b>	<b>NAMINO</b>		<b>60'000,000 m<sup>3</sup>.</b>	<b>NAMINO SISTEMA = 140'000,000 m<sup>3</sup>.</b>		

 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>	91.50%
715,979,000	782,521,000	