

Radiação líquida - Janeiro de 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-52.7	-53.5	-53.2	-54.0	-54.4	-51.1	-39.9	-20.3	54.0	146.1	81.4	324.8	184.0	214.9	262.8	452.0	95.7	8.0	-22.5	-40.1	-41.6	-42.7	-44.2	-46.7
02	-48.1	-50.7	-53.5	-56.2	-55.8	-52.6	-41.7	-20.7	-6.6	75.4	109.8	311.8	349.9	82.6	-34.3	36.7	5.6	-1.6	-39.1	-46.4	-47.2	-47.0	-48.1	-48.3
03	-49.5	-50.6	-52.5	-53.7	-53.6	-52.6	-42.7	-23.5	22.5	69.0	179.4	611.7	497.1	523.7	757.0	633.7	233.9	5.5	-29.1	-41.2	-51.9	-62.0	-62.8	-64.3
04	-65.5	-64.8	-64.6	-64.1	-65.0	-59.4	-50.3	-19.3	142.7	323.0	374.0	25.4	125.5	35.3	-22.1	165.0	66.2	290.9	-38.2	-53.0	-52.8	-52.9	-54.3	-55.7
05	-56.7	-57.0	-58.0	-59.2	-60.2	-60.5	-49.1	34.3	-23.7	275.5	417.0	839.6	802.1	720.4	726.0	239.3	-9.1	-20.9	-7.9	-42.0	-47.2	-53.5	-55.6	-57.7
06	-59.9	-60.4	-61.0	-61.5	-61.0	-54.1	-32.0	-40.7	-34.0	37.7	43.1	58.0	286.0	225.9	279.3	44.3	17.1	-1.9	-41.2	-51.1	-51.3	-50.6	-50.9	-51.7
07	-51.9	-55.5	-58.9	-62.2	-63.3	-58.5	-48.8	-0.3	-32.0	120.2	201.9	260.2	366.8	276.1	273.8	453.5	70.7	-24.2	-36.2	-42.4	-43.8	-47.1	-49.5	-52.9
08	-55.5	-55.2	-55.0	-54.7	-55.7	-53.6	-45.3	-19.7	-31.8	24.2	29.8	128.3	55.5	22.8	46.0	26.5	8.0	-11.9	-42.3	-51.5	-51.5	-50.5	-50.8	-51.7
09	-52.0	-41.7	-31.8	-20.6	-35.4	-42.7	-16.6	32.9	18.7	24.2	-23.0	89.8	185.9	-10.2	69.4	54.0	37.8	-42.5	-36.1	-60.9	-61.0	-62.1	-61.9	-61.1
10	-60.9	-63.2	-64.7	-66.9	-65.7	-62.0	-52.8	-7.5	166.1	214.4	682.4	470.9	300.1	843.2	677.2	513.6	162.4	66.9	-17.3	-49.9	-51.9	-50.8	-60.2	-66.8
11	-73.9	-70.1	-67.0	-63.4	-62.9	-56.3	-34.2	-5.6	102.4	487.4	293.9	295.0	16.4	449.6	779.8	139.3	123.0	33.0	-24.9	-36.2	-35.5	-34.6	-42.2	-50.1
12	-57.8	-61.4	-64.8	-68.4	-68.1	-63.7	-43.9	15.7	49.1	160.5	451.2	586.7	670.7	755.0	461.4	487.5	381.4	89.1	-14.0	-50.9	-52.7	-55.0	-54.7	-57.9
13	-59.3	-60.3	-62.3	-63.6	-62.8	-56.4	-31.4	40.6	198.2	221.2	372.8	295.2	190.3	758.1	400.2	355.4	165.1	61.0	-24.8	-43.8	-45.5	-45.9	-51.0	-55.3
14	-60.9	-63.1	-64.5	-66.7	-67.3	-56.3	-26.5	26.9	161.9	228.2	199.1	334.7	643.6	746.5	101.4	405.9	254.3	22.6	-20.1	-45.9	-49.8	-53.6	-55.8	-58.4
15	-61.0	-63.9	-67.0	-70.4	-71.6	-67.4	-40.9	80.4	261.4	258.1	480.6	731.5	776.8	667.7	633.5	509.5	363.1	197.6	-36.8	-50.3	-51.5	-51.6	-55.5	-62.7
16	-71.8	-71.3	-72.2	-72.4	-74.7	-71.6	-51.0	115.8	152.8	262.6	312.9	658.1	683.5	662.4	609.9	324.1	386.9	172.4	-26.8	-51.2	-55.8	-59.9	-63.0	-65.5
17	-69.4	-73.4	-76.8	-81.1	-82.5	-75.9	-63.4	32.8	313.6	201.1	676.0	684.6	700.7	693.0	646.4	537.4	365.9	191.7	-1.5	-64.2	-69.4	-73.8	-74.2	-75.1
18	-76.5	-79.6	-82.9	-86.8	-85.9	-72.1	-27.2	114.3	162.1	588.8	250.4	385.2	697.5	675.1	616.7	503.7	350.2	180.2	3.1	-60.7	-64.0	-70.3	-73.8	-77.8
19	-81.9	-80.8	-80.9	-80.7	-81.5	-72.2	-49.3	-36.8	168.9	204.4	239.4	754.6	179.6	490.7	674.2	514.1	358.9	185.8	-29.7	-64.7	-68.3	-73.7	-71.9	-70.3
20	-69.3	-70.7	-72.1	-73.5	-74.2	-69.4	-2.8	172.6	412.1	622.9	109.3	736.7	682.3	674.3	590.1	432.3	174.8	274.9	14.7	-66.1	-64.7	-63.2	-66.2	-73.1
21	-84.5	-83.3	-82.2	-81.2	-79.0	-67.5	-20.2	199.6	380.1	297.6	294.0	447.1	728.1	750.2	669.4	482.4	413.2	218.2	30.8	-69.3	-72.7	-77.4	-75.6	-74.8
22	-74.4	-77.4	-81.4	-85.1	-81.7	-71.4	-25.8	68.9	257.9	660.3	533.5	603.7	467.5	169.5	657.7	579.4	391.5	144.4	27.6	-62.0	-63.7	-67.0	-71.3	-76.9
23	-83.2	-82.7	-81.5	-81.2	-79.4	-72.9	-55.2	17.6	7.0	221.3	291.8	192.1	332.1	263.8	501.2	477.5	357.0	178.9	4.0	-67.5	-72.4	-77.8	-77.1	-77.5
24	-77.8	-76.8	-75.4	-75.0	-75.4	-70.0	-47.9	31.9	119.7	84.1	364.5	320.7	399.9	664.1	429.2	547.9	425.5	282.1	41.6	-66.4	-64.9	-64.1	-67.2	-73.8
25	-81.3	-80.9	-79.4	-79.4	-78.0	-73.6	-43.7	40.7	419.4	620.7	729.0	230.0	698.6	662.1	610.2	523.3	383.0	201.4	21.4	-61.6	-61.9	-64.0	-65.9	-69.9
26	-74.2	-77.8	-81.4	-85.0	-86.7	-85.4	-77.8	23.7	173.6	136.8	224.5	742.0	768.0	726.9	641.8	540.7	406.9	184.4	-43.1	-62.1	-65.3	-69.4	-71.7	-73.6
27	-77.1	-76.6	-76.2	-76.1	-77.2	-75.3	-50.6	24.3	80.6	261.3	223.2	691.5	787.1	681.4	673.8	531.0	394.8	192.0	-26.1	-62.5	-63.1	-64.0	-67.7	-72.9
28	-79.9	-79.3	-79.1	-79.0	-77.3	-73.4	-61.7	15.2	119.9	107.3	197.1	391.9	427.3	826.2	318.5	88.4	-52.7	-51.7	-44.5	-59.9	-64.1	-68.9	-69.6	-71.1
29	-72.4	-73.2	-74.6	-75.3	-73.8	-70.0	-56.9	19.2	109.9	466.8	381.9	377.0	531.1	137.2	208.6	164.8	99.8	18.2	-48.9	-54.1	-58.0	-62.8	-63.6	-63.6
30	-64.9	-70.6	-76.2	-81.7	-81.2	-81.1	-58.1	-31.1	-11.1	-23.3	396.6	333.5	728.7	777.1	587.7	587.4	397.0	190.0	-30.1	-62.4	-62.5	-60.8	-63.2	-66.5
31	-69.3	-68.9	-68.7	-68.7	-68.6	-69.6	-48.9	26.9	170.9	129.4	330.1	118.5	317.0	416.6	754.0	259.0	48.7	-36.5	-43.0	-57.6	-62.2	-67.7	-76.1	-84.6
Média	-66.9	-67.6	-68.4	-69.3	-69.7	-65.1	-43.1	29.3	131.8	242.2	304.8	420.4	470.3	502.6	471.0	374.5	221.8	103.2	-18.7	-54.8	-57.0	-59.5	-61.8	-64.8

Calor sensível – Janeiro de 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	41.01	41.46	41.78	42.74	42.6	42.29	42.05	42.55	43.46	42.55	41.92	39.15	35.3	31.63	29.82	24.75	19.99	18.41	14.39	18.74	24.56	27.33	30.8	34.01
02	32.55	36.56	38.47	42.18	41.15	42.82	40.07	38.76	38.75	39.43	38.02	35.66	35.84	30.33	29.03	23.05	25.46	28.53	31.4	31.58	31.73	31.78	32.78	33.56
03	34.45	35.07	36.05	37.05	36.65	36.58	36.62	37.63	39.01	39.84	39.25	29.26	24.54	22.73	18.74	13.56	10.9	11.18	7.358	19.6	32.12	44.72	45.39	46.81
04	48.16	47.31	46.59	45.75	46.44	46.86	47.55	47.46	46.88	45.26	37.5	29.55	25.79	24.8	23.19	17.04	21.36	23.32	31.16	31.79	32.11	32.85	34.73	36.57
05	38.03	41.45	38.56	39.36	39.89	41.04	42.5	41.43	40.95	39.17	38.1	33.91	34.45	24.75	14.99	7.617	7.177	2.718	3.712	13.89	24.79	36.01	37.96	39.1
06	40.87	40.56	40.84	40.93	40.14	39.39	39.54	38.21	38.6	36.06	35.59	35.49	35.57	33.16	30.57	29.59	28.64	27.87	27.51	28.31	29.01	29.76	30.2	30.73
07	31.15	33.71	35.98	38.17	39.1	39.81	40.99	39.4	38.58	38.01	34.71	32.78	40.47	23.92	18.46	14.8	13.42	11.82	9.614	15.67	21.26	27.05	28.97	31.16
08	33.36	32.62	32.37	31.63	32.1	32.77	33.5	34.54	36.41	37.94	34.96	32.68	30.63	29.22	28.62	27.16	27.05	26.77	26.7	26.54	26.45	26.24	26.88	27.89
09	28.42	21.35	14.47	7.699	16.28	24.9	33.97	32.99	32.6	32.05	31.48	28.88	29.37	27.44	23.85	21.76	25.13	28.66	30.97	31.24	31.26	31.57	31.09	31.21
10	31.19	33.1	35	36.45	35.41	34.62	33.87	34.13	34.26	34.91	31.68	25.88	19.78	15.55	7.994	4.533	7.731	8.922	14.07	13.36	16.22	17.28	26.31	33.2
11	40.69	38.59	36.51	34.57	34.52	34.29	33.92	34.05	34.22	34.55	29.38	24.73	17.62	16.41	13.7	9.32	11.49	15.41	15.65	13.38	12.33	11.5	16.95	22.63
12	28.48	31.43	34.52	37.62	38	37.98	38.15	37.13	36.75	37.41	34.63	30.44	25.12	21.91	19.07	17.27	13.02	6.038	2.335	10.71	19.27	27	27.43	30.35
13	31.97	34.04	35.58	37.19	36.47	35.79	35.03	35	36.83	44.52	35.27	27.19	17.84	17.19	18.73	17.79	16.36	10.6	4.342	8.155	13.51	17.3	22.11	26.92
14	32.05	33.92	35.64	38.93	41.33	43.91	47.88	47.79	41.12	47.84	38.18	28.31	19.82	15.84	5.756	5.572	0.893	-4.08	-6.67	1.729	8.249	13.04	14.35	15.79
15	17.1	17.89	18.92	20.01	19.81	19.9	20.09	18.42	18.07	16.36	14.36	13.28	9.717	5.697	3.52	0.042	0.832	3.037	0.611	0.394	-0.69	-2	4.497	10.15
16	14.88	14.05	13.54	13.3	13.76	14.45	14.47	11.22	12.62	12.43	11.16	10.04	8.072	7.125	7.021	3.014	1.652	2.268	-0.93	1.611	4.212	6.066	6.831	7.491
17	8.196	8.43	8.683	8.738	7.953	7.407	8.149	7.509	0	10.52	12.86	20.33	5.538	3.803	1.937	0.541	1.001	2.609	2.101	3.879	4.758	5.359	5.525	5.375
18	5.086	4.868	4.262	4.176	3.437	3.601	2.634	1.278	0.06	0.058	10.02	5.558	6.718	5.101	2.277	2.633	1.227	0.924	-0.62	0.984	1.636	1.586	0.988	0.257
19	0.06	0.061	0.062	0.064	0.064	0.065	0.066	0.063	0.061	0.059	0.049	8.01	0.03	0.026	0.021	0.016	0.337	0.007	-0	0.011	0.023	0.036	0.039	0.043
20	0.047	0.047	0.047	0.048	0.048	0.049	0.05	0.052	0.054	0.057	0.046	0.036	0.027	0.022	0.021	0.017	0.013	0.008	0.002	7E-04	-0	-0	0.019	0.041
21	0.063	0.063	0.064	0.064	0.061	0.058	0.056	0.057	0.058	0.059	0.049	0.039	0.03	0.027	0.023	0.017	0.014	0.008	0.003	0.015	0.027	0.04	0.042	0.046
22	0.049	0.055	0.061	0.067	0.064	0.062	0.059	0.059	0.059	0.06	0.052	0.045	0.037	0.029	0.024	0.013	0.011	0.01	0.003	0.01	0.017	0.026	0.038	0.049
23	0.061	0.061	0.062	0.062	0.06	0.059	0.057	0.057	0.057	0.572	0.048	0.039	0.032	0.026	0.195	0.016	0.012	0.008	0.001	0.013	0.027	0.041	0.044	0.046
24	0.05	0.051	0.053	0.055	0.054	0.054	0.053	0.056	0.06	4.543	2.11	1.792	0.866	0.029	0.716	1.72	3.976	4.887	0.012	0.011	0.01	0.009	0.025	0.042
25	0.058	0.058	0.058	0.059	0.058	0.058	0.057	24.91	14.45	9.785	9.904	8.417	6.94	4.056	3.647	1.805	7.158	0.95	0.325	0.138	0.654	1.208	1.27	0.556
26	0.054	0.058	0.063	0.067	0.069	0.071	0.073	3.731	7.089	13.79	9.201	9.847	10.89	6.437	5.796	9.522	3.072	0.013	0.894	0.814	1.517	1.185	2.504	1.679
27	1.677	0.8	0.056	0.058	0.06	1.114	3.435	9.729	11.96	30.13	13.36	12.55	8.628	6.773	4.454	3.414	1.843	0.004	-0.16	0.938	1.943	2.226	4.14	3.823
28	3.794	4.985	5.039	4.731	3.973	4.422	3.383	6.32	11.19	13.49	12.49	14.8	10.26	10.69	10.88	7.288	3.251	3.897	3.206	6.074	8.877	11.99	12.61	12.91
29	12.94	13.58	13.88	14	13.6	13.42	13.48	14.93	17.7	30.01	19.22	14.63	14.79	10.51	7.177	6.167	4.822	3.654	2.444	6.266	9.509	12.93	15.33	16.94
30	20.1	23.54	25.73	28.79	29.12	29.65	29.97	31.27	33.45	34.84	43.82	36.79	38.4	36.03	28.62	21.83	19.16	21.24	16.53	18.98	20.22	20.98	23.36	26.42
31	29.41	29.69	30.06	30.71	31.05	31.36	32.17	35.43	41.16	41.27	40.32	40.15	34.16	25.5	23.97	18.8	13.41	8.741	5.883	14.41	23.25	31.75	31.81	32.04
Média	19.5	20.0	20.1	20.5	20.8	21.3	21.7	22.8	22.8	24.8	22.6	20.3	17.7	14.7	12.3	10.0	9.4	8.7	7.8	10.3	12.9	15.1	16.6	18.0

Calor latente – Janeiro 2012 – Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	126.6	126.9	124.1	126.1	128.2	127.2	128.9	130.4	133	130	129.5	124.7	113.7	109.5	109.7	99.65	90.25	100	97.27	100.9	110.6	106.2	113.1	121.5
02	110.9	117.9	118.2	123.9	121	128.3	120.1	116.1	118.2	120.2	116.9	108.6	110.6	104.2	110.5	102.7	98.76	95.65	94.51	95.09	98.02	98.03	100	99.13
03	101	102	106.5	108.5	107.4	107.1	107.1	109.1	109.8	111.2	113.5	86.59	75.8	87.33	91.34	96.1	86.41	110.5	102.4	107.6	120	130.6	128.1	130.1
04	129.9	127.6	125.8	123.4	124.3	122.5	123.4	123.2	121.9	118.1	111.9	101.3	107.9	117.2	129.8	121.7	112.5	95.21	106.9	105.8	103.6	102.5	104.2	105.7
05	106	114.6	106	107.5	108.2	108.6	111.6	109.4	108.6	105.1	110.2	106.1	115.7	106	92.44	89.21	113.3	109	119.3	113	111	112.8	113.6	114.4
06	115	113.2	113.1	112.3	110.1	106	106.2	103.2	104.6	98.29	99.01	102.9	105.4	103.1	102	104.2	101.1	98.55	97.26	94.53	93.63	90.83	89.21	89.95
07	88.45	93.82	98.13	102.1	104	103.4	105.7	102.2	100.7	99.77	97.39	100.9	135.6	93.19	89.66	91.22	92.02	93.68	94.62	92.02	86.29	84.87	86.27	90.45
08	92.72	90.62	89.93	87.87	88.49	89.57	90.88	92.42	96.17	98.96	94.57	90.33	88.41	85.15	85.97	82.58	82.19	81.35	81.33	78.89	78.64	76.22	75.63	77.76
09	76.79	61.15	46.93	29.91	50.87	68.25	86.81	84.81	84.29	83.31	84.43	78.6	83.01	80.81	75.27	72.19	77.56	83.02	85.12	85.23	83.13	83.29	81.96	80.7
10	80.63	84.55	86.84	89.32	87.42	85.79	84.31	84.9	85.34	87.33	92.47	91.51	89.3	88.83	81.33	75.26	91.33	90.63	113.3	96.2	93.49	84.77	94.6	98.65
11	104.5	98.65	94.29	88.7	88.42	87.67	86.58	86.82	87.28	88.58	87.14	88.25	79.28	91.63	96.35	90.56	85.78	86.4	71.11	62.35	58.51	55.67	63.56	71.7
12	80.12	84.19	88.5	92.68	93.51	93.33	93.64	91.68	92.65	95.21	98.94	99.64	96.4	97.87	104.6	114.9	122.6	119.3	133.5	121.1	111.6	103.3	97.79	102.1
13	100.6	100.6	101	99.85	97.64	95.6	93.4	93.31	96.71	117.3	114	117.9	115.5	111.7	120.5	115.4	134.9	128.6	116.5	102.4	96.18	88.45	90.83	92.03
14	96.42	97.85	97.27	102.5	107.9	112	121.4	122.5	107	126.4	124.3	119.9	120.8	164.6	124.7	162.2	148.6	130.2	100.9	89.22	78.23	69.27	63.25	59.42
15	56.22	54.48	53.67	53.31	52.45	51.59	51.73	49.46	50.22	48.05	52.38	64.01	64.67	68.26	73.56	109.1	75.01	114.6	81.22	80.62	72.85	65.39	54.52	49.93
16	46.55	42.05	39.36	37.1	37.92	38.85	38.39	30.63	36.02	36.69	40.12	45.02	48.64	58.6	87.02	61.45	49.52	109	67.9	56.2	46.86	41.51	37.15	33.33
17	31.32	28.35	25.87	23.71	21.29	19.34	21.01	19.53	0	27.84	43.33	97.83	45.79	46.77	41.67	61.08	76.5	100.9	71.58	49.65	39	31.93	25.73	20.39
18	16.2	14.57	12.06	11.23	9.214	9.622	7.024	3.506	0.171	0.17	34.62	23.91	36.85	37.61	25.41	51.99	35.36	57.36	42.16	24.44	14.97	8.894	4.403	0.954
19	0.19	0.184	0.181	0.177	0.178	0.176	0.178	0.176	0.173	0.175	0.173	35.85	0.18	0.193	0.2	0.212	5.99	0.223	0.219	0.206	0.199	0.198	0.187	0.177
20	0.169	0.171	0.174	0.176	0.176	0.174	0.175	0.174	0.174	0.176	0.175	0.179	0.191	0.196	0.209	0.22	0.23	0.234	0.241	0.235	0.229	0.224	0.205	0.196
21	0.2	0.195	0.19	0.185	0.181	0.179	0.175	0.177	0.18	0.182	0.182	0.183	0.188	0.204	0.212	0.22	0.227	0.231	0.233	0.223	0.215	0.211	0.2	0.192
22	0.185	0.186	0.19	0.193	0.185	0.179	0.171	0.17	0.168	0.173	0.176	0.18	0.186	0.191	0.215	0.216	0.221	0.239	0.229	0.212	0.204	0.202	0.199	0.199
23	0.201	0.198	0.192	0.19	0.185	0.18	0.176	0.177	0.177	1.811	0.179	0.178	0.187	0.196	2.038	0.225	0.228	0.234	0.231	0.216	0.214	0.214	0.205	0.201
24	0.196	0.19	0.183	0.179	0.18	0.178	0.179	0.18	0.185	13.48	7.586	8.176	5.286	0.223	8.148	31.37	71.76	87.47	0.223	0.22	0.214	0.211	0.2	0.199
25	0.199	0.196	0.19	0.188	0.184	0.182	0.178	74.58	41.49	27.35	34.26	39.06	48.23	32.75	35	22.13	112.6	25.2	51.36	3.599	8.673	10.64	7.314	2.392
26	0.182	0.185	0.189	0.192	0.195	0.196	0.198	10.28	19.55	38.67	30.57	41.9	62.48	44.25	49.59	95.75	39.11	0.223	33.12	10.77	11.87	6.543	12.13	7.129
27	6.413	2.83	0.183	0.179	0.179	3.271	9.838	27.78	33.55	84.44	45.51	54.72	54	57.61	57.57	91.95	74.77	0.23	54.24	26.19	26.34	18.79	21.29	14.13
28	11.08	14.93	15.52	15	12.68	14.01	10.78	19.99	34.78	41.66	42.86	57.66	46.49	55.83	66.85	53.52	26.86	37.36	36.79	37.4	37.32	38.05	39	39.52
29	39.24	40.27	40.78	40.23	39.27	38.37	38.67	42.83	51.48	87.58	64.69	59.95	75.3	68.78	64.72	79.73	66.51	61.13	51.84	57.47	55.71	55.81	58.97	57.81
30	62.39	70.73	74.9	81.37	82.22	83.71	84.55	87.08	93.14	95.88	126.7	110.9	122.1	134.9	133.4	132	116.9	127.4	103.5	101.7	98.14	91.83	91.58	95.42
31	97.25	95.94	95.07	94.97	93.85	94.15	94.5	103.4	119.5	119.1	131.9	149.4	149.8	132.2	149	148	131.2	113.5	110.3	100.5	97.76	95.22	108.4	121.9
Média	57.4	57.4	56.6	56.6	57.0	57.7	58.6	61.9	62.2	67.8	68.7	71.2	70.9	70.3	71.3	76.0	74.8	72.8	68.4	61.1	59.1	56.5	56.9	57.3

Radiação Líquida – Fevereiro 2012 – Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-93	-85	-76	-68	-68	-68	-38	123	105	104	370	450	744	715	724	585	388	187	11	-62	-65	-69	-72	-76
02	-80	-78	-76	-74	-73	-68	-31	198	372	651	89	140	779	715	711	450	373	189	-45	-67	-66	-63	-64	-70
03	-80	-78	-75	-72	-74	-76	-44	144	415	386	429	288	211	750	704	496	445	327	-14	-69	-68	-68	-72	-77
04	-83	-85	-88	-90	-93	-95	-84	207	362	528	263	687	814	377	371	403	405	56	-37	-68	-71	-73	-76	-81
05	-86	-88	-91	-93	-92	-89	-75	98	357	660	657	692	730	694	651	544	369	178	-9	-71	-74	-79	-79	-82
06	-86	-85	-84	-83	-79	-76	-65	15	123	235	765	447	162	673	453	359	349	130	-21	-65	-69	-75	-77	-80
07	-84	-85	-87	-88	-89	-88	-68	9	225	566	654	683	695	697	645	548	377	203	21	-63	-68	-73	-76	-79
08	-84	-85	-85	-86	-86	-82	-61	107	340	534	628	679	710	705	641	526	374	183	-27	-62	-66	-70	-73	-76
09	-80	-82	-83	-85	-86	-85	-68	100	338	477	623	673	701	703	669	551	364	212	-31	-66	-65	-66	-69	-73
10	-77	-76	-76	-76	-78	-76	-54	90	313	486	531	659	674	692	689	543	400	25	-42	-68	-69	-72	-74	-77
11	-81	-80	-79	-79	-77	-75	-64	9	428	176	283	692	734	698	658	478	436	136	-23	-59	-63	-67	-68	-68
12	-71	-71	-72	-73	-71	-68	-60	-22	456	614	667	720	696	805	151	306	400	59	-21	-59	-60	-62	-63	-65
13	-68	-69	-71	-73	-73	-73	-66	-10	230	615	390	551	534	656	324	240	86	49	-33	-69	-70	-75	-78	-80
14	-84	-82	-80	-79	-81	-83	-78	6	236	553	242	701	739	243	657	416	339	142	85	-65	-62	-62	-68	-76
15	-83	-83	-84	-84	-87	-89	-77	-19	218	543	247	261	281	690	691	518	427	8	-45	-64	-63	-65	-66	-69
16	-71	-75	-78	-82	-83	-84	-80	-41	113	140	293	506	417	307	357	615	86	74	-36	-67	-66	-65	-68	-72
17	-76	-77	-76	-77	-77	-76	-66	18	150	191	732	661	676	516	199	625	422	127	-33	-71	-70	-72	-74	-76
18	-79	-80	-80	-81	-82	-84	-73	-28	141	518	216	-21	748	692	237	616	190	170	0	-64	-67	-68	-68	-69
19	-69	-74	-79	-84	-83	-82	-74	-24	93	252	446	700	142	566	405	457	268	47	-20	-66	-68	-69	-73	-77
20	-82	-84	-87	-90	-90	-91	-85	-28	236	395	244	430	255	486	338	508	133	17	-40	-67	-69	-72	-76	-81
21	-86	-87	-89	-90	-89	-88	-70	117	346	184	535	663	647	441	432	360	353	158	-23	-70	-73	-75	-78	-83
22	-87	-88	-89	-90	-88	-85	-74	93	455	212	622	723	754	737	501	384	507	63	-46	-65	-66	-68	-71	-73
23	-76	-79	-80	-83	-84	-82	-56	127	387	141	419	235	309	699	625	495	345	157	-40	-56	-59	-62	-65	-69
24	-74	-75	-76	-77	-79	-81	-78	43	107	622	394	329	582	445	265	528	403	208	-1	-60	-63	-67	-68	-71
25	-74	-78	-80	-84	-85	-87	-78	-28	98	682	774	746	727	737	230	518	353	115	-50	-72	-77	-81	-81	-81
26	-83	-81	-79	-78	-79	-81	-69	79	276	557	676	686	696	684	634	491	331	154	-13	-68	-69	-73	-75	-79
27	-85	-86	-87	-89	-89	-88	-76	81	254	526	614	717	703	685	628	499	298	102	-67	-84	-87	-90	-91	-91
28	-93	-90	-87	-85	-86	-87	-78	66	64	456	686	794	713	697	614	509	331	133	-43	-61	-64	-69	-73	-77
29	-82	-85	-87	-89	-88	-88	-76	109	318	520	401	683	683	671	618	495	326	108	-59	-76	-80	-86	-89	-92
Média	-81	-81	-81	-82	-82	-82	-68	57	261	432	479	558	595	627	511	485	341	128	-24	-66	-68	-71	-73	-77

Calor sensível –Fevereiro 2012 – Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	31.7	31.2	31.0	30.6	30.0	29.5	28.9	44.5	57.6	48.8	38.7	33.0	28.7	21.5	14.3	12.3	8.4	4.1	-1.6	5.2	10.7	15.6	19.6	23.8
02	31.2	35.0	40.2	41.2	37.9	33.5	30.8	56.5	45.3	40.8	27.2	24.8	19.1	17.5	13.4	9.2	7.2	4.0	0.8	1.2	0.7	-0.5	7.2	15.0
03	22.4	19.8	17.6	15.9	15.8	15.8	16.5	24.3	29.6	28.3	28.2	19.5	14.4	14.2	10.9	10.5	7.4	8.4	5.5	6.0	7.0	8.1	8.9	9.6
04	10.2	9.1	8.8	8.9	8.7	9.1	10.8	19.9	19.5	24.4	25.5	19.3	13.4	14.1	11.1	11.1	8.7	9.5	5.0	5.4	6.1	6.5	7.7	7.5
05	8.4	7.5	8.1	8.3	8.5	8.0	8.3	36.0	25.5	17.9	19.8	14.0	9.3	8.6	7.6	4.3	3.5	0.6	-1.6	1.9	3.4	4.6	5.0	5.0
06	7.5	7.7	7.4	8.9	4.0	5.3	5.6	7.5	11.2	19.6	16.4	14.9	12.4	11.4	8.6	6.0	5.4	3.0	1.8	4.2	5.6	6.6	7.0	8.2
07	8.7	8.4	8.6	8.9	8.1	10.4	11.7	16.6	18.7	31.5	23.0	20.3	13.9	12.1	8.2	5.1	3.8	1.1	-1.8	2.6	5.8	8.3	10.2	10.7
08	11.9	11.0	10.3	9.3	7.4	6.7	6.9	16.9	31.1	26.7	18.3	12.5	7.0	5.9	4.6	2.7	2.9	3.7	2.4	2.8	3.4	4.0	3.5	3.5
09	3.2	2.5	0.9	0.1	0.1	0.1	0.1	0.1	12.6	15.9	15.6	9.0	4.7	3.1	2.0	0.4	0.1	-0.9	-1.5	0.3	0.9	1.0	0.8	0.4
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	14.0	7.0	7.4	6.0	2.7	2.3	3.1	2.6	1.4	0.6	-0.1	0.0	0.0	0.0	0.0	0.1
11	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	4.1	0.0	1.3	0.5	2.2	5.9	2.6	2.1	0.5	0.9	0.0	0.0	0.0	0.0	0.0	0.0
12	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0
13	0.0	0.1	0.1	44.3	45.3	46.0	47.1	49.9	56.1	62.3	51.3	41.6	32.6	30.9	29.6	27.2	24.8	20.9	17.2	25.8	33.7	43.5	46.7	52.8
14	57.8	55.2	53.9	53.1	55.2	57.4	60.4	61.1	66.4	71.0	57.1	44.4	34.8	38.1	39.0	42.8	30.3	19.2	6.1	12.1	18.9	26.6	36.1	46.1
15	56.4	56.9	56.0	55.4	56.1	58.3	60.1	64.9	73.3	72.0	68.0	52.3	37.2	32.6	29.6	26.3	23.1	16.5	10.9	19.4	27.3	36.7	40.2	44.1
16	46.7	48.0	49.0	51.8	51.6	53.0	54.3	54.0	59.1	63.9	51.4	41.9	31.3	29.2	25.5	21.6	21.4	15.9	10.9	18.5	24.0	30.6	33.6	38.8
17	43.7	43.6	43.7	43.1	42.7	42.9	43.1	45.3	51.3	53.4	50.4	44.8	38.3	34.0	30.7	29.1	22.8	15.9	7.8	15.8	24.3	32.7	35.7	39.6
18	43.6	44.0	43.8	43.6	42.9	44.2	45.2	48.8	57.9	67.4	56.7	41.4	30.2	28.9	24.2	22.5	18.4	14.2	9.8	15.5	21.5	26.4	28.3	29.1
19	31.1	33.2	35.6	38.4	38.2	37.5	37.0	38.6	39.4	42.4	43.2	37.2	34.0	28.4	22.1	15.1	13.5	10.1	6.6	12.0	17.1	22.1	25.1	29.0
20	31.0	33.2	34.7	35.2	36.4	36.9	37.8	36.3	38.6	37.9	35.1	29.1	22.9	22.2	20.1	19.0	15.6	12.1	8.6	12.8	16.5	21.3	23.3	26.5
21	28.9	30.2	32.0	31.3	30.7	29.5	28.6	32.4	42.3	40.5	31.6	24.0	18.0	15.0	13.5	10.9	10.1	8.3	6.0	9.3	12.5	15.7	19.2	21.4
22	24.3	25.0	26.3	27.0	26.3	25.8	24.2	29.7	34.6	31.4	27.0	24.4	20.7	14.4	9.9	5.9	5.6	4.2	2.5	6.1	9.4	12.5	14.1	15.6
23	17.7	19.8	19.2	20.8	20.4	20.0	21.2	34.7	34.2	34.6	26.3	19.9	13.8	11.2	10.8	6.2	5.5	1.4	-2.0	2.6	6.2	9.2	11.0	14.2
24	15.8	15.5	16.2	16.0	17.2	19.9	21.0	21.2	19.0	22.8	17.6	15.4	24.8	18.8	15.5	11.5	12.6	10.7	7.1	11.2	15.3	18.6	21.3	24.2
25	26.5	27.6	28.6	30.4	31.6	33.6	35.2	36.1	58.9	54.1	50.3	40.6	32.4	27.6	21.2	15.2	8.6	2.2	-3.3	6.2	13.2	19.5	22.3	24.8
26	28.1	26.9	25.7	23.8	23.8	25.0	24.9	60.5	54.4	51.5	44.2	34.8	23.9	19.6	12.8	7.4	3.9	-1.6	-5.9	2.3	8.7	14.5	17.9	22.1
27	25.1	26.4	27.9	29.1	26.7	26.5	24.7	60.6	68.1	65.6	48.9	34.7	20.1	15.0	11.4	5.2	16.1	23.2	25.3	25.9	28.2	30.8	30.6	30.2
28	31.2	28.8	26.7	24.7	25.3	27.1	25.4	62.6	52.0	61.7	44.6	28.4	17.1	14.8	10.1	7.0	3.1	-0.7	-4.4	2.7	8.5	13.3	16.2	18.9
29	22.0	23.4	24.0	24.9	23.9	22.5	21.8	44.3	51.4	57.8	47.9	35.9	25.6	20.4	15.3	11.4	7.2	3.8	-1.0	5.1	10.1	14.0	15.4	18.0
Média	23.0	23.1	23.3	25.0	24.7	25.0	25.2	34.6	38.8	39.8	33.6	26.4	20.2	17.9	14.8	12.1	10.1	7.3	3.8	8.0	11.7	15.3	17.5	20.0

Calor latente – Fevereiro 2012 – Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	132.6	117.7	102.5	88.2	86.5	85.0	82.9	126.7	162.5	136.4	128.1	136.5	154.2	150.4	134.5	166.5	170.3	159.1	144.2	109.2	93.7	88.6	86.5	87.2
02	97.4	108.5	125.4	127.6	123.9	116.1	113.4	208.9	167.2	150.6	121.6	137.6	142.7	164.3	161.6	169.1	160.1	154.6	131.6	105.9	93.2	86.2	77.4	72.9
03	71.7	64.9	58.5	54.4	51.5	49.7	49.3	70.9	84.5	78.7	97.6	91.1	103.2	115.3	105.9	118.3	79.2	93.7	65.4	51.3	44.6	41.0	36.2	32.3
04	30.0	25.9	24.7	24.1	23.3	23.6	27.6	51.0	50.4	63.6	80.3	78.7	81.4	91.9	81.4	95.0	86.5	105.2	68.9	48.0	40.8	33.8	31.5	25.6
05	24.7	21.3	22.3	22.3	22.8	21.2	22.0	95.8	67.6	47.5	64.3	59.6	59.0	73.0	88.0	83.2	97.3	102.6	71.0	46.7	36.4	30.9	24.9	19.9
06	24.6	24.4	22.7	26.6	11.9	16.0	16.8	21.8	31.7	54.5	51.5	55.8	55.9	65.6	70.6	74.7	83.1	67.9	62.1	49.7	40.0	33.1	28.6	28.3
07	25.8	24.4	24.6	25.0	22.2	28.1	31.1	44.4	50.9	87.4	74.9	81.4	72.9	84.6	87.0	89.6	106.5	121.1	85.9	66.1	59.7	52.6	50.0	41.8
08	39.3	34.7	30.7	26.6	21.2	19.2	19.6	47.0	85.8	72.5	61.8	59.0	59.9	64.8	75.3	73.0	61.5	78.5	55.2	34.7	29.2	25.5	17.5	14.3
09	11.2	8.4	2.8	0.2	0.2	0.2	0.2	0.2	34.9	44.2	54.6	45.8	42.4	41.7	50.3	58.3	32.5	71.4	44.6	24.6	14.3	8.5	4.8	1.9
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	41.2	20.6	27.7	31.8	24.1	24.7	39.7	49.8	35.8	36.6	9.7	0.2	0.2	0.2	0.2	0.2
11	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	17.3	0.2	5.0	2.0	8.7	30.3	18.9	25.8	9.5	21.0	0.2	0.2	0.2	0.2	0.2	0.2
12	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	7.4	0.2	0.2	0.2	0.2	8.2	0.2	1.1	21.1	0.2	0.2	0.2	0.2	0.2	0.2
13	0.2	0.2	0.2	141.4	141.8	141.2	141.8	148.6	165.6	182.8	178.1	179.7	187.1	198.7	210.3	220.3	224.0	217.2	213.7	194.6	178.5	177.9	171.1	173.4
14	174.5	167.3	164.3	162.7	164.0	165.6	169.4	172.4	188.7	204.3	195.1	187.8	195.7	210.7	213.3	230.0	230.3	245.7	256.2	196.1	169.3	156.1	155.1	160.3
15	165.2	165.5	161.5	158.6	157.7	159.7	162.0	174.9	198.4	197.5	220.0	213.3	209.6	212.8	236.3	241.9	263.4	234.7	225.9	195.3	174.2	163.8	159.5	159.8
16	154.0	156.8	156.9	164.3	159.7	160.0	160.2	158.9	176.0	191.6	182.5	182.2	180.0	192.3	201.8	202.8	223.1	210.4	198.4	179.4	152.4	141.5	132.8	133.9
17	135.0	133.8	131.4	128.7	127.4	127.7	128.2	131.5	147.9	151.3	161.3	166.7	167.6	174.2	186.7	214.2	222.6	221.5	212.9	175.5	158.5	148.5	143.8	141.5
18	141.4	141.7	140.1	138.0	132.6	134.6	134.2	140.9	162.1	185.3	185.6	173.3	174.5	191.4	190.7	207.2	191.1	177.5	158.8	139.1	134.0	125.5	120.7	112.3
19	109.3	110.5	114.3	118.1	117.3	113.8	112.2	116.7	119.4	128.7	147.3	146.0	152.9	154.7	157.6	153.5	164.7	154.2	146.6	123.3	111.0	101.9	98.3	97.5
20	93.2	97.0	99.4	98.3	101.1	100.9	102.7	101.0	110.4	111.7	120.8	123.3	123.3	131.3	133.7	140.0	131.8	122.6	110.2	96.0	86.0	84.4	81.2	83.2
21	83.1	85.0	89.0	85.2	83.8	81.6	79.6	90.4	117.4	112.0	107.1	108.0	118.5	119.8	128.2	138.3	136.6	133.3	119.4	95.3	85.0	78.3	77.4	73.3
22	71.9	72.5	74.4	74.9	73.6	72.2	68.5	83.9	98.2	89.2	91.4	102.0	113.2	104.0	107.7	111.7	118.3	119.3	103.0	85.2	75.9	70.0	65.0	60.5
23	60.2	63.4	57.9	59.5	58.2	56.0	58.8	96.1	93.9	94.2	85.7	83.2	83.5	86.3	99.9	91.0	105.0	105.4	91.3	77.8	69.1	63.1	57.3	59.1
24	55.2	51.6	50.7	47.6	50.1	57.2	59.0	64.7	62.8	84.6	80.1	89.5	196.3	181.1	192.2	201.3	203.3	184.9	139.2	114.5	108.1	98.5	92.5	90.2
25	85.6	85.7	84.4	86.5	88.9	92.4	95.7	102.3	172.8	167.2	181.7	174.2	171.1	183.1	187.7	206.3	199.7	197.1	170.1	135.6	121.6	113.3	109.0	104.0
26	102.5	99.3	95.7	89.8	87.0	89.4	86.2	201.4	172.9	157.8	167.5	173.5	171.6	189.5	189.0	195.6	214.4	209.8	167.0	131.3	109.6	100.2	92.5	91.1
27	86.2	85.0	83.8	82.7	75.6	74.9	69.8	167.4	187.6	177.7	161.4	151.9	138.5	151.9	174.6	208.5	210.2	191.8	157.8	127.0	114.2	106.1	99.1	91.4
28	89.6	84.3	78.8	74.4	74.3	77.7	71.0	174.6	143.2	169.5	150.7	133.0	134.4	154.2	147.6	167.8	171.9	163.8	136.2	105.5	93.4	83.7	77.3	73.7
29	72.2	72.9	70.6	69.9	67.9	65.8	64.7	130.7	151.4	169.3	166.4	157.3	149.4	150.1	152.9	163.5	161.6	171.0	137.4	106.5	93.9	82.9	72.2	68.8
Média	73.7	72.5	71.3	75.0	73.3	73.5	73.4	100.8	112.5	115.1	115.5	114.6	119.7	127.3	132.1	141.3	141.2	141.1	120.1	97.1	85.8	79.2	74.6	72.4

Radiação líquida – Março 2012 – Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-96.9	-98.7	-101.3	-103.7	-104.6	-105.5	-91.5	65.9	285.4	394.3	548.2	689.0	681.7	656.4	601.7	500.1	325.2	141.9	-54.9	-73.9	-81.5	-88.2	-89.7	-93.2
02	-96.6	-98.4	-100.0	-102.2	-103.2	-105.1	-94.9	48.6	260.9	481.9	606.4	675.7	694.5	678.0	610.4	484.4	296.7	141.1	-55.0	-66.7	-69.1	-75.6	-78.4	-80.7
03	-85.5	-88.0	-91.5	-94.3	-97.2	-99.8	-92.8	42.2	274.8	471.2	671.3	659.4	692.3	662.3	613.4	477.3	301.2	104.9	-54.1	-65.5	-63.5	-61.4	-61.5	-68.0
04	-78.9	-80.2	-80.3	-81.8	-84.1	-86.9	-78.8	56.1	332.3	481.6	56.4	714.2	695.1	680.6	647.4	558.4	278.3	107.8	-50.7	-71.3	-71.6	-75.3	-77.2	-79.6
05	-83.6	-86.0	-88.4	-91.0	-88.6	-85.7	-74.2	60.8	292.7	505.9	260.8	301.9	687.3	655.0	596.7	459.6	288.2	98.0	-59.4	-70.7	-72.2	-75.4	-69.4	-66.4
06	-72.3	-91.7	-119.2	-121.1	-124.5	-102.9	-69.5	137.5	286.8	31.8	622.0	680.7	553.3	648.8	606.4	461.3	263.5	78.9	-54.7	-73.0	-73.4	-74.8	-75.7	-78.2
07	-80.2	-82.1	-85.1	-87.3	-89.0	-89.9	-82.9	45.8	262.3	497.6	122.5	732.4	706.3	728.3	630.0	464.8	268.7	75.3	-68.6	-79.5	-82.3	-87.5	-86.2	-85.8
08	-86.8	-87.6	-87.8	-88.7	-92.2	-94.8	-86.9	-11.2	251.9	460.1	629.5	662.4	679.2	658.0	577.0	444.2	269.5	78.5	-68.2	-77.0	-81.5	-86.8	-86.8	-88.4
09	-90.3	-92.6	-95.2	-97.7	-97.3	-96.2	-88.0	101.9	37.2	353.9	679.8	658.2	721.4	644.3	561.8	448.9	268.0	110.2	-57.9	-70.6	-73.9	-77.1	-78.0	-80.9
10	-83.7	-84.0	-85.0	-85.4	-86.3	-87.1	-83.7	72.5	271.8	191.1	534.3	277.3	201.7	582.8	349.0	387.5	266.9	57.5	-49.8	-61.7	-65.7	-70.3	-70.1	-68.9
11	-68.9	-68.8	-68.0	-68.3	-69.4	-71.0	-67.8	21.8	199.8	138.3	295.8	472.7	454.4	314.0	437.0	217.5	272.8	12.8	-48.9	-58.8	-62.9	-69.2	-70.6	-71.6
12	-73.7	-73.3	-72.1	-71.8	-73.1	-73.6	-68.9	-12.4	-50.0	57.0	94.9	241.1	224.5	69.8	568.2	139.9	327.1	21.1	-56.3	-58.8	-58.3	-58.2	-60.1	-63.0
13	-65.1	-66.5	-67.1	-68.6	-69.6	-69.7	-65.1	-18.0	377.5	84.7	667.7	234.9	10.0	719.4	355.9	448.2	284.4	6.4	-59.2	-64.7	-68.2	-74.0	-74.3	-73.9
14	-74.9	-75.8	-77.0	-78.1	-76.9	-76.9	-72.1	-18.9	287.9	113.2	671.7	146.3	684.5	628.6	568.0	237.8	291.6	108.6	-55.8	-61.9	-64.0	-67.9	-69.1	-72.2
15	-74.7	-76.3	-77.8	-79.4	-77.6	-76.9	-68.5	54.9	125.0	349.3	193.3	631.0	645.3	616.5	554.9	444.5	41.1	11.1	-53.0	-55.9	-58.3	-63.5	-61.9	-59.2
16	-58.3	-62.0	-66.5	-70.4	-70.6	-71.4	-68.2	7.7	99.3	93.1	355.9	53.7	4.9	724.9	194.3	414.3	227.5	36.0	-41.2	-52.6	-56.9	-62.3	-64.4	-66.5
17	-68.7	-70.7	-72.8	-75.1	-77.1	-78.7	-75.7	-14.5	121.2	274.6	358.1	306.2	342.0	451.5	331.3	329.5	439.3	-49.1	-51.0	-58.8	-67.0	-75.4	-74.5	-74.2
18	-73.1	-71.7	-70.2	-68.7	-70.9	-73.1	-71.7	-14.1	32.6	89.6	132.4	98.0	194.2	225.5	143.4	174.1	91.5	-44.8	-68.8	-70.6	-70.9	-71.4	-76.0	-79.6
19	-84.1	-83.1	-82.9	-82.1	-83.0	-83.1	-82.3	-24.2	-5.4	-14.5	73.7	189.7	151.6	2.8	32.7	9.8	-10.8	-48.8	-67.3	-72.0	-75.8	-79.6	-80.6	-80.8
20	-81.7	-81.5	-80.5	-80.4	-80.2	-80.0	-72.3	-43.5	97.8	135.6	162.9	71.2	26.6	57.7	-0.2	60.7	6.5	-40.1	-63.9	-65.6	-65.4	-65.2	-68.4	-72.2
21	-75.3	-75.1	-74.2	-74.1	-73.8	-73.7	-70.7	18.5	-7.1	63.0	131.8	260.7	405.5	270.6	336.5	356.5	174.2	28.8	-36.2	-44.6	-48.3	-52.2	-54.3	-56.5
22	-58.8	-60.8	-62.1	-64.2	-66.2	-67.6	-65.1	39.7	117.6	554.3	610.7	636.1	684.2	635.4	540.4	229.2	119.0	87.2	-39.2	-41.7	-41.6	-44.2	-49.4	-53.5
23	-59.5	-61.2	-63.0	-65.3	-67.1	-68.9	-62.8	75.1	198.5	410.9	524.1	187.3	59.2	56.4	54.4	120.3	223.3	-6.9	-57.7	-60.5	-61.6	-62.0	-64.4	-66.8
24	-69.1	-70.8	-72.8	-74.9	-75.7	-75.9	-71.4	-22.6	71.9	216.1	601.3	612.3	639.0	604.3	538.8	51.1	240.3	104.7	-32.8	-42.3	-46.2	-49.0	-55.1	-60.4
25	-66.5	-66.8	-67.0	-67.5	-68.2	-68.7	-60.3	103.0	236.1	488.2	608.2	708.3	143.8	60.0	37.0	-20.0	6.9	-36.1	-46.6	-50.0	-54.4	-58.3	-60.2	-62.4
26	-64.3	-65.2	-65.3	-66.1	-65.7	-65.4	-59.9	-37.6	61.2	155.1	296.0	194.3	332.0	422.5	215.0	255.1	224.1	52.5	-49.2	-54.5	-60.0	-65.4	-67.9	-69.9
27	-73.2	-76.2	-78.7	-81.8	-83.7	-85.1	-79.6	46.4	234.3	603.8	678.2	171.6	651.6	525.5	583.6	400.2	248.4	70.0	-57.5	-59.4	-61.4	-65.8	-68.8	-72.8
28	-76.2	-78.4	-80.5	-82.5	-84.1	-86.0	-81.0	22.8	225.9	562.0	665.0	436.3	352.2	600.0	500.4	403.1	251.1	25.2	-50.0	-53.9	-59.0	-65.1	-63.9	-63.6
29	-62.5	-62.2	-61.0	-60.8	-63.1	-65.6	-67.0	18.1	73.4	97.9	184.2	371.1	547.1	153.1	77.9	138.4	19.7	23.0	-44.3	-43.8	-43.1	-42.6	-49.6	-56.9
30	-63.8	-65.7	-67.3	-69.3	-69.1	-68.7	-66.6	-34.5	-44.7	85.5	470.8	326.1	439.0	361.7	262.0	247.8	364.6	-8.7	-48.8	-53.4	-57.4	-62.3	-62.9	-64.2
31	-64.8	-66.0	-68.0	-69.2	-68.9	-68.7	-63.2	-18.5	10.9	309.1	243.8	647.2	418.4	626.5	523.2	391.5	199.0	-5.8	-57.5	-58.7	-60.8	-64.8	-65.8	-66.2
Média	-74.6	-76.4	-78.3	-79.7	-80.7	-80.7	-74.3	24.8	161.9	281.8	411.3	420.9	442.7	474.9	408.0	314.1	221.5	43.3	-53.5	-61.0	-63.8	-67.4	-68.9	-70.9

Calor sensível – Março 2012 – Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	19.3	20.2	18.3	20.6	20.6	20.1	23.6	61.2	55.1	42.4	39.6	30.3	20.7	17.6	13.8	8.2	8.6	9.2	6.1	8.0	9.6	11.0	12.0	13.3
02	12.4	12.7	12.6	12.7	14.1	13.3	13.9	37.2	57.2	50.9	37.9	24.8	14.3	10.8	6.7	3.2	-1.1	-4.3	-7.5	-0.9	3.4	6.3	6.8	6.6
03	6.8	6.5	4.1	3.0	2.9	3.8	1.9	30.0	35.4	45.5	31.7	22.2	14.4	10.5	7.7	3.4	2.1	0.3	-2.2	-2.0	-1.5	-1.2	0.5	0.0
04	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	27.0	18.3	13.7	7.1	4.4	3.0	2.9	3.1	1.6	0.9	-0.1	0.0	0.0	0.0	0.0	0.1
05	0.1	0.1	0.1	0.1	0.1	0.1	0.1	9.3	21.5	15.7	14.6	9.5	4.2	13.9	10.8	8.1	7.2	3.6	-0.7	5.2	10.5	15.1	18.5	21.5
06	23.3	23.5	23.7	23.3	23.5	23.8	23.8	42.7	39.4	37.8	32.7	22.7	18.5	15.3	12.9	10.3	8.8	6.1	1.7	6.3	10.6	14.7	16.8	18.6
07	20.2	23.0	23.4	24.3	24.0	24.9	24.1	52.2	55.3	55.9	48.0	32.2	20.8	16.7	12.4	9.3	9.0	6.2	2.7	7.6	12.7	18.0	18.6	19.8
08	22.8	22.6	23.8	21.6	22.2	24.0	25.4	44.5	62.2	62.0	44.3	32.7	20.8	17.6	16.1	11.8	10.2	5.0	1.0	6.4	11.0	15.8	17.7	20.0
09	22.1	23.9	24.0	25.1	25.2	25.6	24.7	45.5	42.4	51.9	40.8	32.0	20.9	17.2	12.7	7.3	7.8	8.8	6.2	8.3	10.4	13.2	15.3	17.4
10	19.7	20.2	19.5	19.9	21.1	22.7	22.7	40.7	51.4	52.5	34.9	23.1	13.4	11.5	11.2	8.5	5.7	2.9	-1.1	4.0	8.9	14.2	15.0	15.2
11	15.8	15.9	16.3	16.3	16.8	16.8	17.0	34.1	36.4	34.7	33.4	25.4	20.1	15.8	14.4	12.9	7.5	4.4	1.1	5.3	9.1	13.3	14.5	16.2
12	17.4	17.0	16.5	16.1	16.8	16.8	17.0	20.8	29.2	29.8	26.9	28.4	24.0	19.8	17.8	11.3	13.8	12.4	8.5	9.3	10.4	11.9	12.6	14.2
13	15.2	15.6	16.1	16.3	16.5	16.8	16.6	18.0	35.9	33.5	31.8	25.3	20.8	17.4	13.6	9.9	7.3	3.6	0.5	4.8	8.5	12.2	13.0	13.7
14	14.3	14.3	14.5	14.8	14.7	15.0	14.6	18.3	38.1	30.5	26.0	20.2	13.7	11.7	9.3	6.0	4.7	1.7	-1.5	2.2	5.5	8.2	10.1	11.6
15	13.3	14.1	14.8	14.8	15.6	15.0	14.8	23.9	25.0	26.4	25.6	18.9	15.7	13.3	10.5	6.9	3.5	0.8	-1.2	2.8	6.5	10.4	9.6	8.1
16	6.9	8.1	9.3	10.5	11.6	12.6	13.4	15.0	27.9	26.4	28.8	19.6	14.4	26.7	23.4	27.5	18.6	12.2	7.5	8.0	9.0	10.2	11.1	11.7
17	12.1	10.9	11.5	11.6	11.8	11.8	12.0	12.3	25.9	33.6	27.4	22.3	17.5	15.3	14.0	11.8	12.7	7.3	3.7	6.7	9.8	13.1	13.0	12.9
18	12.6	12.2	11.8	11.2	11.3	11.5	11.7	12.3	27.0	28.4	24.8	21.3	21.2	21.1	18.8	19.0	17.0	13.1	11.2	11.6	11.4	11.9	12.4	13.0
19	14.0	13.2	12.6	12.1	12.2	11.6	11.7	11.4	20.0	23.6	21.9	25.4	20.5	16.7	12.9	10.0	10.5	9.6	9.2	9.5	9.8	10.4	10.2	9.9
20	9.3	9.1	8.4	8.2	8.1	103.6	20.4	20.7	35.2	34.5	31.1	25.5	20.3	21.7	20.4	22.0	21.3	18.3	16.7	16.0	15.6	15.2	16.3	17.4
21	18.3	17.8	17.5	17.2	16.7	16.3	15.9	20.0	26.3	28.8	25.6	25.4	25.3	20.1	16.5	13.0	10.3	7.5	4.3	6.6	8.9	10.5	10.8	10.8
22	11.4	11.2	11.2	11.0	10.9	10.7	11.2	16.9	23.1	28.9	19.6	13.1	6.9	5.4	2.9	2.3	1.1	0.3	-1.8	1.0	3.2	5.4	7.0	8.5
23	10.3	9.9	10.0	10.4	10.7	10.6	10.9	27.5	28.0	33.4	22.9	12.2	4.1	4.8	5.8	8.6	15.2	12.2	10.6	9.8	9.5	9.5	9.7	9.8
24	10.3	10.6	10.0	10.4	10.1	10.3	10.4	12.0	24.6	27.1	23.5	18.5	15.2	10.2	6.0	2.4	3.6	3.1	3.9	4.9	5.3	5.8	7.2	8.3
25	9.4	9.7	9.4	9.3	9.2	9.1	8.9	21.4	22.6	28.5	17.2	11.2	5.3	2.8	1.5	0.0	2.0	3.6	5.7	6.7	7.7	8.2	8.0	8.1
26	8.3	7.9	7.9	7.7	8.0	7.4	7.7	7.9	17.2	18.2	18.8	12.8	13.8	11.0	8.9	7.9	6.9	4.6	2.0	3.5	5.1	6.4	6.7	7.0
27	7.1	7.6	7.4	7.6	7.0	7.5	7.9	23.6	31.0	31.0	23.8	15.6	9.9	8.5	6.2	3.7	2.2	1.0	-0.3	2.1	4.3	6.7	7.5	7.9
28	8.0	7.8	6.1	5.4	5.0	3.7	3.5	14.5	23.5	17.7	19.5	10.7	8.7	7.0	5.8	4.0	2.5	1.3	-0.5	1.5	3.0	4.7	5.0	4.8
29	4.4	4.4	4.3	4.2	4.3	5.0	5.5	5.7	9.9	14.1	13.8	16.2	13.2	8.0	5.0	2.9	3.5	4.6	4.2	3.7	3.5	3.4	4.3	4.7
30	5.2	5.1	5.2	5.2	5.1	5.0	4.7	9.4	9.4	15.3	14.3	15.4	13.0	10.5	7.4	3.9	3.5	3.2	1.8	2.9	4.1	5.0	4.6	4.0
31	4.0	4.0	3.9	4.1	3.8	3.7	3.2	7.7	12.3	20.3	14.4	11.2	8.3	6.3	3.5	2.2	1.3	0.6	0.1	1.0	1.6	1.6	1.4	1.2
Média	12.1	12.2	12.1	12.1	12.3	15.5	12.9	23.1	31.5	32.2	26.8	20.4	15.0	13.2	10.7	8.4	7.4	5.3	3.0	5.3	7.3	9.4	10.2	10.8

Calor latente – Março 2012 – Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	63.2	61.5	52.7	55.6	54.6	52.2	60.1	160.8	150.9	120.5	135.9	134.6	128.5	135.8	148.3	136.9	139.4	147.5	104.4	83.2	73.8	66.8	57.0	52.1
02	40.9	39.1	36.0	34.0	36.9	34.4	35.4	95.6	148.4	133.8	126.0	119.8	124.2	125.3	129.5	142.1	155.2	142.6	105.0	74.0	55.4	44.3	35.6	27.4
03	23.6	20.9	12.4	8.7	8.0	10.0	4.9	77.8	91.8	119.2	100.0	92.1	87.5	84.3	86.0	78.2	99.6	107.2	71.6	47.9	29.4	18.4	13.5	0.2
04	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	74.1	49.4	45.8	31.8	30.6	26.6	34.2	52.3	43.8	58.0	11.4	0.2	0.2	0.2	0.2	0.2
05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	27.2	60.6	43.2	49.6	44.1	31.4	128.5	131.7	137.0	175.6	176.9	136.9	104.5	92.9	84.0	74.7	66.3
06	65.0	88.2	121.0	121.8	124.8	100.0	73.5	133.3	123.4	119.6	129.5	119.2	138.5	143.3	152.5	168.1	178.1	180.9	133.4	107.3	96.0	86.2	81.2	77.5
07	72.9	76.0	72.0	69.7	67.9	68.7	65.8	140.5	146.4	147.7	153.3	135.6	131.6	137.9	143.3	153.1	171.8	159.9	130.8	105.5	97.3	95.2	81.9	74.0
08	73.6	71.3	72.3	64.3	63.7	65.9	67.6	118.0	163.7	163.2	144.7	142.7	138.3	148.7	172.4	175.9	203.5	158.9	130.5	101.6	89.4	84.0	77.2	74.2
09	70.6	72.8	69.8	70.2	70.4	70.8	68.0	125.5	115.9	142.3	132.8	130.5	116.9	126.1	136.7	132.9	145.9	148.7	107.9	86.4	79.2	77.6	72.3	69.0
10	66.9	66.0	61.9	61.0	63.0	65.7	64.1	116.7	150.2	156.5	131.3	121.2	118.6	120.3	132.8	124.8	134.5	149.1	97.2	79.0	74.3	73.9	71.5	66.1
11	63.3	60.7	58.4	55.8	57.0	57.6	57.7	112.1	116.6	108.3	123.0	113.3	116.6	110.1	121.3	136.2	110.8	104.6	82.8	69.6	64.3	65.4	62.5	61.5
12	60.0	58.6	55.9	54.6	55.4	53.2	52.1	62.8	87.7	87.8	88.6	107.2	106.7	103.2	113.6	93.9	111.5	103.4	71.4	60.9	54.7	51.5	49.1	51.2
13	50.7	50.4	49.7	49.2	49.2	49.2	48.3	52.8	106.2	99.7	110.5	105.1	107.1	112.0	115.2	121.4	121.2	101.0	78.8	68.5	62.5	60.5	57.3	54.1
14	51.3	49.6	48.9	48.5	47.5	48.3	46.5	56.4	112.8	87.5	95.0	101.6	104.5	113.2	120.0	129.4	135.9	152.2	85.9	66.0	61.3	54.0	51.1	48.1
15	46.5	46.6	46.7	44.8	47.6	46.4	46.1	76.6	82.4	89.9	102.0	91.4	92.8	102.9	111.0	119.8	99.3	88.1	69.5	61.0	55.1	54.7	55.2	50.9
16	48.0	45.8	45.8	45.3	43.2	41.4	39.2	43.5	80.7	76.1	91.5	68.6	58.0	97.9	79.0	86.8	67.7	54.5	44.8	39.9	38.5	38.9	38.8	37.6
17	36.4	32.4	33.5	33.5	33.9	32.9	33.2	34.2	71.4	93.6	86.0	82.7	79.1	78.9	85.0	84.2	95.8	60.1	38.5	35.8	36.6	37.8	37.0	36.8
18	35.5	34.6	33.6	32.0	31.9	32.0	32.3	33.5	73.0	76.1	71.1	65.9	72.2	77.7	74.0	81.0	72.4	55.9	47.9	43.7	38.4	36.2	36.7	37.1
19	39.2	36.3	34.8	33.0	33.1	30.8	31.1	30.2	52.8	62.3	60.6	73.8	63.3	57.5	49.1	43.6	40.0	32.6	28.0	27.7	27.2	28.0	27.3	26.0
20	24.5	23.9	21.8	21.2	21.0	267.3	52.7	53.3	90.8	89.2	85.1	75.5	65.1	67.6	63.2	66.5	64.6	56.3	51.3	49.4	48.0	46.8	47.0	48.1
21	48.1	46.9	45.4	44.8	43.5	42.4	41.3	51.7	68.1	74.8	71.5	77.1	84.3	77.7	77.6	75.7	68.0	56.8	42.1	38.9	38.1	35.6	34.9	33.3
22	33.5	32.6	31.7	30.7	29.9	28.7	29.4	44.6	61.1	76.9	65.8	63.0	59.7	71.1	75.5	79.9	77.8	78.3	54.4	42.4	35.8	32.8	32.7	31.9
23	33.1	30.7	29.9	30.0	30.3	29.6	30.1	75.8	77.9	93.1	81.1	63.3	48.9	48.5	47.6	58.4	78.8	51.8	37.5	32.7	30.5	29.0	28.6	27.8
24	28.2	28.6	26.7	27.4	26.5	26.4	26.5	30.8	62.8	69.7	67.6	60.7	58.8	54.2	53.9	48.1	56.7	44.9	34.6	31.2	29.5	28.2	29.0	28.7
25	28.9	28.8	27.0	26.2	25.7	25.1	24.4	58.2	61.6	77.9	59.6	57.2	52.4	45.0	43.0	41.1	35.0	29.7	30.6	28.1	27.0	24.8	23.8	23.9
26	23.9	22.7	22.3	21.6	22.3	20.6	21.3	21.8	47.8	50.6	59.2	46.2	59.3	57.9	57.7	65.2	63.7	54.7	33.0	26.3	24.5	23.0	21.6	20.4
27	19.4	20.2	19.2	19.5	17.6	18.5	19.3	57.9	76.7	77.7	71.7	60.5	57.4	64.7	65.2	65.0	61.5	54.5	39.4	31.1	28.8	28.2	26.8	25.0
28	22.4	21.1	16.1	13.7	12.7	9.3	8.6	36.2	58.8	44.8	60.0	44.3	54.0	50.9	57.6	58.1	62.5	47.1	28.1	22.2	19.9	19.8	19.8	18.0
29	15.2	15.1	14.2	13.5	13.1	14.7	15.5	16.0	28.0	39.8	42.4	54.8	49.9	39.9	37.2	40.3	31.2	27.9	19.1	16.8	16.2	15.5	16.2	15.1
30	14.9	14.5	14.4	14.2	13.8	13.5	12.7	25.4	25.6	41.5	42.1	49.9	46.8	49.6	51.5	53.5	47.4	39.4	23.2	20.3	19.3	18.1	15.4	12.5
31	11.7	11.5	11.0	11.1	10.3	10.0	8.6	20.9	33.0	54.4	45.3	43.1	41.1	41.4	33.4	38.3	40.2	32.9	19.9	12.3	9.6	6.3	5.1	3.9
Média	39.1	39.0	38.2	37.3	37.3	44.1	36.0	64.2	87.1	89.3	88.0	83.1	81.4	87.1	90.3	93.2	96.4	88.9	64.2	52.1	46.9	44.1	41.3	38.7

Radiação Líquida - Abril 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-67.5	-69.6	-72.0	-74.5	-72.9	-72.2	-67.6	12.7	85.8	246.0	664.7	668.6	660.1	635.6	557.4	370.5	199.9	33.0	-52.5	-55.2	-59.1	-62.8	-65.3	-68.0
02	-70.6	-71.0	-71.1	-72.0	-70.5	-69.2	-65.4	-3.2	90.2	368.9	491.8	253.9	758.5	442.7	513.2	374.7	211.3	41.3	-48.5	-51.3	-56.1	-62.7	-65.5	-67.3
03	-70.1	-72.6	-75.7	-78.1	-76.8	-74.6	-71.4	-40.3	111.4	150.1	359.0	338.3	303.5	308.3	301.1	387.3	237.6	2.3	-48.3	-51.0	-55.0	-60.1	-63.0	-65.9
04	-69.1	-72.6	-76.9	-80.4	-81.4	-81.6	-80.7	-39.4	208.3	92.8	613.6	225.4	635.8	650.8	511.1	391.1	198.1	45.8	-56.5	-56.9	-59.8	-64.3	-66.7	-69.4
05	-72.0	-74.0	-75.4	-77.7	-78.6	-78.7	-77.3	-33.2	85.3	373.8	566.8	371.2	632.9	586.0	553.1	415.3	287.8	27.2	-50.4	-52.8	-57.0	-61.8	-64.4	-68.0
06	-71.0	-70.2	-69.6	-69.2	-73.9	-78.6	-77.6	0.2	58.7	435.7	517.2	583.1	585.8	568.2	148.1	-5.5	15.3	-21.0	-46.3	-48.2	-51.1	-53.1	-57.0	-62.5
07	-67.3	-67.8	-67.6	-68.3	-69.1	-69.9	-69.3	-40.5	41.1	97.6	230.3	370.4	552.3	295.3	392.6	251.4	98.6	54.2	-57.7	-57.4	-58.7	-59.8	-63.9	-67.9
08	-72.2	-74.3	-77.4	-79.7	-81.8	-83.8	-83.4	-43.8	56.2	347.0	488.9	338.3	153.9	468.3	283.1	381.6	141.7	62.2	-46.8	-49.5	-54.8	-60.0	-62.3	-65.2
09	-67.4	-69.8	-73.2	-75.8	-76.8	-79.1	-77.9	-16.4	185.1	163.4	376.4	397.8	667.8	588.8	525.8	350.7	197.0	8.4	-62.6	-61.9	-65.2	-69.4	-68.0	-66.3
10	-65.6	-66.4	-67.1	-68.1	-68.8	-69.4	-67.9	67.2	192.2	408.3	561.8	657.8	673.9	569.8	508.8	73.4	193.4	-0.6	-56.3	-61.3	-67.4	-74.7	-75.5	-76.7
11	-78.2	-78.0	-77.0	-77.0	-75.4	-74.4	-67.4	47.8	124.2	132.3	260.7	208.3	372.0	180.8	368.4	343.7	185.1	46.3	-57.2	-57.7	-60.4	-65.2	-67.8	-71.4
12	-74.3	-74.6	-75.4	-75.5	-75.3	-75.2	-70.4	-12.5	71.3	134.2	686.2	191.8	698.4	640.1	609.9	381.3	180.8	3.4	-58.1	-59.2	-60.6	-65.4	-68.3	-71.5
13	-75.0	-75.6	-75.8	-76.7	-76.4	-75.4	-69.5	-25.5	7.1	85.8	285.8	633.6	593.5	543.5	408.9	296.5	140.0	51.0	-57.7	-58.6	-62.2	-67.6	-71.2	-74.1
14	-78.1	-80.3	-82.0	-84.2	-87.2	-89.5	-89.2	31.8	236.0	359.7	630.1	553.7	584.4	544.9	512.5	412.1	249.3	58.6	-52.4	-53.4	-58.3	-63.9	-66.4	-68.0
15	-71.3	-70.6	-70.0	-69.5	-76.3	-82.5	-83.6	90.6	191.8	360.7	130.8	586.6	589.6	285.6	408.4	429.3	238.5	62.5	-44.4	-46.9	-52.4	-58.5	-59.6	-61.7
16	-64.0	-66.2	-69.3	-71.5	-73.3	-75.4	-74.1	-16.6	178.0	364.7	494.7	454.3	554.3	555.4	234.4	444.6	209.4	1.4	-46.0	-46.0	-47.3	-53.1	-55.3	-59.2
17	-62.0	-63.8	-64.5	-66.3	-67.7	-70.1	-70.9	-57.6	-26.8	87.5	99.1	269.2	212.4	232.6	188.2	60.2	50.1	-32.8	-53.1	-55.0	-56.1	-58.3	-61.8	-64.3
18	-67.6	-70.3	-73.5	-76.1	-74.7	-73.4	-70.1	46.5	256.5	118.1	571.7	640.7	624.6	552.0	457.3	316.5	143.8	-7.3	-62.0	-66.3	-73.7	-81.7	-83.1	-84.2
19	-86.4	-88.3	-90.9	-93.1	-94.9	-96.2	-95.6	11.8	95.1	410.2	562.3	611.1	606.6	549.0	468.6	316.6	143.2	39.4	-67.2	-70.7	-76.5	-84.3	-88.2	-93.3
20	-98.2	-98.1	-98.0	-98.1	-100.9	-102.9	-102.7	-11.3	163.6	369.1	591.5	546.6	563.6	523.4	436.1	346.5	182.5	-15.0	-76.7	-75.5	-80.0	-86.3	-88.9	-91.5
21	-94.7	-97.9	-101.5	-105.1	-106.5	-107.6	-104.3	-42.8	169.0	385.5	459.9	522.1	529.8	505.4	414.8	254.3	172.7	-44.5	-61.9	-62.9	-66.5	-72.2	-74.6	-78.1
22	-81.3	-82.8	-85.1	-86.5	-87.0	-87.2	-84.3	-8.5	226.0	456.9	322.4	519.9	575.2	532.9	331.9	452.2	29.0	-31.1	-50.0	-51.9	-57.5	-64.5	-65.1	-65.8
23	-66.5	-65.6	-64.6	-63.5	-64.0	-63.8	-64.5	-30.2	-35.5	32.7	22.5	69.3	183.8	129.1	121.5	99.9	25.4	-46.3	-53.6	-54.9	-56.6	-58.5	-61.8	-64.4
24	-67.8	-67.5	-67.5	-67.3	-65.9	-64.7	-62.5	-40.2	19.2	89.6	199.0	140.1	263.7	560.0	528.7	338.0	147.5	-13.8	-44.4	-48.5	-52.9	-58.4	-62.1	-64.8
25	-68.0	-68.9	-69.8	-70.6	-69.3	-68.0	-64.8	-16.0	14.2	21.4	152.9	664.4	601.3	552.2	50.7	312.4	149.3	-26.9	-43.4	-45.4	-49.8	-54.2	-57.0	-59.7
26	-62.5	-61.9	-61.6	-61.3	-61.1	-60.2	-55.8	-16.7	35.7	181.5	276.6	206.6	348.9	352.7	444.0	329.2	52.0	-7.5	-38.1	-41.4	-45.2	-50.9	-52.2	-54.4
27	-56.0	-58.4	-61.7	-64.1	-66.2	-68.4	-69.6	-5.5	51.5	125.0	433.9	171.0	655.2	574.3	567.2	332.6	102.0	-9.9	-33.6	-36.7	-40.5	-47.7	-51.1	-55.0
28	-58.7	-60.8	-64.1	-66.3	-68.1	-69.3	-69.0	63.2	59.6	93.2	170.4	370.0	556.2	482.9	428.9	202.9	150.9	0.9	-40.2	-42.6	-44.4	-48.7	-51.3	-53.7
29	-56.3	-58.4	-60.6	-62.9	-62.4	-61.5	-59.6	-31.3	47.9	142.0	283.8	382.6	143.4	209.2	551.5	193.3	12.8	-12.0	-39.7	-42.3	-45.7	-49.9	-54.7	-59.6
30	-64.2	-67.8	-72.0	-75.6	-76.5	-76.6	-71.5	14.7	98.8	350.8	511.8	516.7	369.3	497.5	-3.1	327.5	172.9	9.2	-38.8	-42.5	-45.4	-50.6	-55.4	-59.4
Média	-70.8	-72.1	-73.7	-75.2	-76.0	-76.6	-74.6	-4.8	103.3	232.8	400.6	415.5	508.4	470.6	394.1	306.0	150.6	9.3	-51.5	-53.5	-57.2	-62.3	-64.9	-67.7

Calor sensível - Abril 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	0.5	0.4	0.2	0.1	0.2	5.5	5.1	9.7	14.6	19.8	14.9	11.9	9.5	10.0	10.8	12.8	7.2	4.1	0.6	1.8	2.9	3.6	3.7	4.6
02	4.0	4.0	5.2	4.5	4.2	4.3	4.0	12.3	13.9	17.1	13.8	12.0	9.5	7.7	6.0	4.9	3.0	1.3	-0.4	1.2	2.5	3.6	3.6	3.3
03	3.2	3.8	3.3	4.1	4.0	3.8	3.8	4.0	15.2	16.9	15.2	12.1	8.9	7.4	5.9	3.6	3.2	1.1	0.2	1.3	2.1	2.8	2.8	2.6
04	2.2	2.4	2.0	1.8	2.2	2.3	2.5	2.5	17.1	21.2	14.2	10.0	6.6	5.1	3.7	3.0	2.3	1.4	0.0	1.0	1.7	2.1	2.3	1.7
05	2.0	1.5	2.0	1.4	1.6	1.7	2.0	2.7	13.5	15.1	12.9	9.8	9.2	6.0	4.5	3.0	1.5	0.7	-0.1	0.8	1.3	1.7	1.7	1.5
06	1.0	0.8	0.5	0.4	0.3	0.1	0.1	14.7	14.4	20.0	14.4	9.2	6.2	3.7	0.8	-0.9	0.2	1.1	1.6	1.5	1.3	1.1	1.3	1.1
07	1.1	0.9	0.8	0.6	0.4	0.3	0.1	0.5	8.7	10.6	15.1	14.5	14.6	9.4	7.5	4.3	3.2	4.5	1.0	0.8	0.7	0.4	0.1	0.0
08	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	10.7	17.1	13.8	8.3	6.1	3.9	2.1	1.6	1.4	0.6	0.2	0.4	0.5	0.3	0.2	0.0
09	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	11.9	12.1	10.2	8.5	3.9	3.7	3.6	2.6	1.5	0.8	0.0	0.1	0.5	0.0	0.0	0.0
10	0.0	0.0	0.0	0.1	0.1	0.1	0.1	10.6	8.4	26.4	18.3	13.3	9.9	7.7	5.9	4.4	4.1	2.9	0.9	3.6	6.0	8.5	8.8	9.2
11	9.0	9.4	9.3	9.4	9.4	8.0	7.5	20.3	20.5	21.1	20.3	14.9	11.1	7.5	6.1	3.5	3.5	1.9	0.6	2.6	4.3	6.2	6.0	6.1
12	6.5	7.4	6.6	6.1	6.2	5.6	5.4	8.6	15.4	23.3	16.2	11.1	7.5	6.2	4.1	3.4	2.4	1.5	0.3	1.7	2.9	4.0	4.7	4.9
13	4.9	4.4	4.6	4.7	4.6	4.3	4.2	5.5	5.3	13.2	14.7	14.2	11.3	8.3	5.2	2.5	1.1	0.6	0.0	1.3	2.3	3.1	2.9	2.9
14	2.9	2.4	2.2	1.9	1.5	1.5	1.7	20.1	21.3	20.0	18.5	11.0	7.4	5.4	4.4	1.1	0.7	-0.4	-0.7	0.7	1.4	1.9	2.0	1.7
15	1.4	1.1	0.8	0.4	0.2	0.1	0.1	15.3	26.6	19.2	14.6	9.7	5.5	3.8	2.3	0.5	0.1	-0.6	-0.5	0.5	1.1	1.9	1.3	1.6
16	1.0	1.3	0.7	1.0	0.8	0.7	0.1	13.3	17.1	17.5	15.7	14.8	14.6	9.7	3.9	-0.4	-0.8	-0.7	-0.6	0.3	0.7	1.3	1.5	1.5
17	1.4	1.1	0.4	0.2	0.1	0.1	0.1	0.4	0.1	9.3	9.1	12.9	8.4	11.5	7.1	4.4	3.9	2.5	1.9	1.9	1.8	1.7	1.5	1.2
18	1.1	1.0	1.3	0.9	0.6	0.4	0.4	12.5	13.6	13.3	14.1	11.6	9.4	6.8	4.6	3.2	2.9	1.7	0.5	0.9	1.2	0.9	0.5	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.8	13.0	15.0	14.1	12.5	7.5	6.4	32.2	22.3	6.3	3.8	1.3	4.4	6.9	9.5	10.1	11.1
20	11.9	11.4	10.9	10.7	10.6	10.3	10.4	34.0	36.0	36.0	27.5	22.7	16.5	12.3	8.2	5.6	4.2	1.4	0.0	2.7	5.1	7.1	6.8	7.1
21	7.2	7.2	7.1	7.0	7.0	6.9	6.7	27.8	38.3	29.2	26.1	20.8	15.5	11.8	8.3	3.5	2.9	1.0	0.0	1.8	3.4	4.8	5.1	5.2
22	5.5	5.5	6.1	5.8	5.2	5.5	5.0	5.5	23.3	23.1	18.2	11.6	7.7	4.9	2.2	-0.4	-0.5	-1.2	-1.9	0.5	2.7	4.8	4.7	4.8
23	4.9	5.2	5.1	5.0	5.1	4.9	4.9	4.8	4.7	11.4	9.7	8.9	11.1	8.2	6.2	5.5	4.9	3.9	3.5	3.9	4.3	4.6	4.7	4.8
24	4.9	4.7	4.8	4.7	4.7	4.5	4.3	4.3	11.9	10.6	10.5	8.8	10.3	8.1	5.2	4.6	3.8	2.8	1.0	2.3	3.5	4.9	5.2	5.5
25	5.9	5.7	6.1	6.1	6.0	5.8	5.6	5.6	7.4	12.8	10.8	11.7	8.7	7.0	4.5	1.8	2.1	0.8	0.3	1.3	2.2	2.9	3.1	3.3
26	3.6	3.3	3.1	3.4	3.5	3.4	3.6	3.8	10.0	9.4	8.8	7.2	5.6	4.7	3.4	2.2	1.2	0.4	-0.1	0.8	1.5	2.4	2.2	2.2
27	2.2	2.0	2.5	1.9	2.0	1.9	2.5	2.3	8.4	8.5	11.3	9.1	8.1	4.7	2.8	0.1	-1.1	-0.7	-0.9	0.1	1.0	1.6	1.9	1.6
28	1.5	1.4	1.5	1.3	1.1	0.8	0.9	1.4	14.6	9.6	8.8	8.2	5.0	3.4	1.5	0.2	0.4	-0.1	-0.1	0.4	0.7	1.0	1.0	1.0
29	0.8	0.7	0.8	0.6	0.7	1.0	0.8	1.0	6.6	8.2	5.4	4.8	3.8	2.3	2.7	1.0	1.6	1.3	0.8	1.8	2.7	3.6	3.8	4.1
30	4.3	4.4	4.5	4.7	4.6	4.5	4.2	5.9	20.0	20.1	13.7	11.4	7.5	5.4	2.3	-0.9	-1.8	-1.9	-2.1	0.0	1.6	2.9	3.4	2.8
Média	3.2	3.1	3.1	3.0	2.9	2.9	2.9	8.3	14.8	16.9	14.4	11.6	8.9	6.8	5.6	3.4	2.2	1.2	0.2	1.4	2.4	3.2	3.2	3.2

Calor latente - Abril 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	1.6	1.1	0.6	0.2	0.5	15.3	14.3	27.4	41.1	56.0	49.5	48.9	49.7	50.4	54.9	63.9	48.2	45.4	22.7	18.0	16.3	13.9	13.1	14.5
02	11.7	11.5	14.7	12.7	12.0	12.3	11.4	35.2	40.4	50.0	46.4	47.4	45.6	44.8	45.1	48.8	46.3	43.0	23.5	17.8	15.5	14.2	12.6	10.4
03	9.3	10.9	9.1	10.9	10.7	10.1	10.2	10.6	40.8	45.4	47.4	46.4	44.3	44.6	45.1	38.9	50.8	29.1	18.7	14.8	12.2	11.1	9.9	8.3
04	6.5	6.6	5.5	4.8	5.7	6.0	6.4	6.4	44.7	56.4	45.1	39.9	36.5	36.0	39.2	48.9	46.1	43.4	22.7	14.9	11.5	9.1	8.7	5.5
05	6.1	4.5	5.4	3.7	4.4	4.5	5.2	7.0	35.9	40.8	40.4	37.8	44.2	38.0	38.7	48.7	43.1	31.9	15.8	10.7	8.6	7.2	6.2	4.8
06	2.9	2.4	1.5	1.0	0.9	0.2	0.2	37.5	36.7	51.1	43.7	36.8	36.4	36.1	28.9	17.4	13.1	11.5	9.0	7.5	6.4	5.0	4.8	3.6
07	3.3	2.5	2.2	1.8	1.0	0.7	0.1	1.5	23.5	28.6	40.8	39.5	40.0	33.0	38.8	40.0	28.0	40.1	9.0	5.1	3.3	1.7	0.4	0.1
08	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	27.2	44.4	42.4	32.1	32.1	29.4	27.0	29.3	31.8	21.6	7.8	4.5	3.1	1.2	0.7	0.2
09	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	31.5	32.1	31.9	33.6	21.1	25.5	33.3	33.5	29.7	23.2	6.6	1.3	3.4	0.2	0.2	0.2
10	0.2	0.1	0.1	0.1	0.1	0.1	0.1	28.7	22.6	70.4	58.9	56.9	59.9	58.5	63.1	71.7	74.8	69.9	43.6	37.8	34.4	34.5	32.1	30.0
11	27.0	27.6	26.2	26.1	26.4	22.6	21.3	56.0	55.1	55.3	61.4	54.8	53.0	47.4	56.0	54.3	63.8	49.2	35.6	28.0	24.2	22.9	20.3	19.0
12	18.9	21.0	18.6	16.9	17.1	15.5	14.8	23.6	41.6	62.6	52.3	46.8	44.9	48.8	42.3	47.9	46.9	52.9	30.7	21.9	18.0	16.3	16.9	15.7
13	14.1	12.7	13.0	13.2	12.8	11.9	11.7	15.3	14.7	37.1	46.7	50.8	47.4	48.5	50.9	61.5	41.1	41.9	22.6	17.0	13.9	12.2	10.3	9.0
14	8.4	6.8	5.8	5.0	3.9	3.8	4.1	49.0	52.0	48.8	53.9	40.9	40.8	41.2	53.2	46.9	47.2	48.5	20.2	14.5	10.7	8.4	7.6	5.5
15	4.0	3.2	2.3	1.0	0.5	0.2	0.2	37.6	65.2	47.0	43.4	38.0	35.7	37.3	37.1	43.3	33.6	29.3	14.8	11.0	8.0	8.3	4.9	5.4
16	3.0	3.9	1.9	2.9	2.3	1.9	0.2	35.4	45.2	46.2	41.5	39.2	39.1	37.9	32.1	43.8	35.5	20.7	13.9	13.4	6.9	6.3	6.4	5.8
17	4.7	3.5	1.2	0.6	0.4	0.2	0.2	1.2	0.2	25.1	25.2	37.1	24.9	38.2	26.1	18.9	17.0	11.1	8.4	7.4	6.2	5.3	4.6	3.5
18	3.2	2.8	3.5	2.5	1.7	1.1	1.2	33.2	35.7	34.7	41.7	39.3	38.3	37.1	38.1	45.8	42.5	29.9	12.5	7.5	5.9	3.2	1.5	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.9	30.4	35.3	38.3	40.7	31.4	33.1	224.9	226.7	81.1	63.8	46.4	38.9	34.4	32.8	30.4	30.5
20	29.8	28.0	26.3	25.6	25.0	23.6	23.4	76.2	80.3	80.5	70.4	69.0	64.1	61.5	59.3	66.2	73.0	53.0	40.1	30.6	26.8	24.0	21.2	20.4
21	19.3	18.2	16.9	16.0	15.7	15.1	14.7	60.1	82.3	63.0	64.6	61.4	58.6	59.4	63.0	63.4	63.2	40.2	29.7	23.5	20.3	18.4	17.3	16.2
22	15.5	14.9	16.0	14.4	12.9	13.5	12.1	13.4	56.7	56.5	54.5	46.2	47.5	48.3	48.9	47.0	44.3	37.6	27.4	23.1	21.4	20.3	19.1	18.8
23	18.7	18.8	17.6	16.8	16.9	15.8	15.5	15.0	14.7	35.2	31.2	30.7	40.7	33.6	29.0	30.3	25.7	19.2	16.3	15.0	14.1	13.1	13.2	13.0
24	12.9	12.5	12.7	12.3	12.6	12.0	11.6	11.6	32.1	28.6	30.6	28.1	36.6	34.3	26.8	29.5	30.7	27.9	17.5	15.7	14.6	15.2	15.4	15.2
25	15.5	15.1	15.9	15.8	15.8	15.3	14.7	14.8	19.5	33.8	31.4	38.8	32.8	34.2	31.6	25.5	36.1	20.3	14.7	12.3	11.3	10.3	9.9	9.8
26	10.0	9.2	8.8	9.6	9.8	9.2	9.8	10.8	29.5	28.4	30.7	29.6	28.8	31.0	31.8	31.6	23.3	16.8	11.7	10.0	8.2	8.6	7.6	6.9
27	6.6	5.7	7.0	5.2	5.4	5.0	6.5	6.0	22.5	23.0	33.0	29.2	28.7	24.9	29.1	26.5	26.4	18.9	10.9	8.5	7.6	6.4	6.8	5.2
28	4.6	4.2	4.2	3.6	3.0	2.2	2.2	3.5	37.7	24.7	26.1	29.5	23.9	22.6	20.8	18.0	22.3	16.5	8.1	5.9	4.7	4.3	3.8	3.4
29	2.6	2.1	2.3	1.8	2.0	2.7	2.1	2.9	19.9	25.4	19.4	21.1	20.6	15.1	24.1	15.5	23.0	20.4	17.5	14.8	13.5	13.0	12.5	12.5
30	12.4	12.2	12.3	12.2	11.9	11.4	10.6	14.8	49.5	49.3	38.9	40.0	34.3	37.5	38.4	29.6	34.9	25.6	20.0	17.7	16.1	14.1	14.8	10.6
Média	9.1	8.7	8.4	7.9	7.7	7.8	7.5	21.2	37.6	43.8	42.7	41.0	39.4	38.9	45.9	47.1	40.8	33.4	19.9	15.6	13.4	12.0	11.1	10.1

Radiação Líquida - Maio 2012 - Lago Carioca																							
00	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h
-65.1	-66.8	-68.7	-69.9	-69.2	-68.7	-59.4	-25.6	-3.0	302.9	430.9	595.1	224.2	642.0	105.2	85.8	250.1	-41.8	-44.5	-47.4	-50.9	-54.7	-62.9	-70.2
-77.9	-80.9	-83.2	-86.4	-86.7	-86.4	-86.0	-63.7	-7.6	20.4	93.5	126.0	76.1	90.1	136.7	137.7	19.0	-52.4	-70.8	-72.1	-74.2	-75.8	-74.9	-74.8
-74.0	-74.9	-75.0	-76.2	-77.1	-77.4	-76.2	-54.0	34.6	449.6	492.4	301.0	528.1	393.0	246.1	463.8	206.8	-42.9	-57.4	-59.2	-62.3	-66.2	-66.7	-67.6
-68.7	-70.4	-72.0	-73.6	-77.3	-81.8	-83.6	-53.2	62.0	163.5	319.5	317.7	255.7	276.7	299.5	190.5	90.2	-46.9	-58.8	-58.3	-60.6	-63.5	-63.5	-63.0
-63.4	-69.0	-74.0	-79.6	-82.6	-84.9	-86.4	-66.0	158.9	406.1	492.2	488.8	460.1	564.0	553.6	108.0	20.9	46.1	-55.9	-59.5	-64.5	-69.8	-69.8	-70.5
-70.9	-70.9	-71.8	-71.7	-73.4	-74.7	-71.9	-8.0	26.9	55.0	46.8	621.7	580.1	502.7	490.2	83.5	93.3	-28.4	-57.2	-59.0	-64.6	-71.6	-71.3	-71.0
-70.8	-73.2	-76.0	-78.9	-79.2	-79.2	-78.1	-32.1	174.8	378.2	363.8	516.2	550.0	130.3	426.6	114.8	-38.1	-61.1	-67.3	-67.2	-70.8	-75.1	-76.4	-76.7
-78.7	-77.7	-77.2	-76.1	-76.9	-78.1	-78.1	-31.2	106.9	204.6	262.3	142.9	137.3	190.1	69.4	50.7	-32.6	-38.0	-67.3	-69.7	-71.8	-74.7	-74.4	-74.6
-74.4	-74.3	-74.2	-74.0	-75.1	-75.9	-75.9	-19.0	84.5	171.7	339.6	280.7	375.9	188.2	454.1	448.3	84.0	-5.4	-61.5	-64.2	-68.4	-73.5	-74.9	-76.6
-78.7	-79.8	-81.6	-82.9	-86.7	-90.0	-92.5	-58.0	32.3	377.9	492.3	543.4	606.1	541.5	345.7	424.5	2.9	-33.1	-53.5	-56.4	-60.2	-65.7	-68.5	-71.0
-74.3	-76.6	-78.9	-81.8	-81.5	-81.2	-80.1	-45.3	31.5	382.2	468.5	549.9	580.3	532.5	421.6	71.7	300.8	-27.9	-52.4	-54.2	-58.0	-62.5	-65.5	-68.7
-73.0	-74.9	-77.3	-79.5	-81.8	-84.6	-84.4	-55.2	53.1	113.5	375.2	472.4	308.4	574.7	471.3	290.7	109.9	-20.0	-33.8	-40.9	-46.6	-52.8	-55.6	-59.2
-62.9	-65.0	-68.3	-70.7	-68.1	-65.8	-61.7	10.3	58.6	101.3	452.1	544.6	542.6	282.7	193.9	148.8	58.8	-26.8	-38.9	-40.6	-46.3	-50.7	-51.3	-51.1
-52.2	-52.5	-52.0	-52.8	-54.1	-55.0	-56.7	-43.2	58.7	144.7	50.1	18.0	-16.1	-3.6	-24.6	-32.6	-45.7	-52.2	-55.8	-58.0	-60.8	-62.8	-64.0	-64.2
-65.1	-66.2	-66.4	-67.4	-69.5	-72.2	-74.2	-57.9	-2.9	12.9	10.7	191.7	76.8	58.5	-15.2	-30.7	-36.7	-64.1	-67.5	-67.2	-67.0	-67.0	-68.4	-70.6
-72.0	-73.0	-73.2	-74.1	-74.1	-73.9	-73.7	-54.5	-4.1	20.9	47.2	122.6	256.1	152.0	-0.8	63.9	9.6	-50.7	-60.0	-60.4	-61.7	-62.5	-63.4	-63.6
-64.5	-67.7	-70.1	-73.2	-77.3	-80.7	-83.7	-35.5	27.3	284.4	428.7	494.7	622.3	502.6	233.9	274.4	113.2	-2.8	-52.9	-58.6	-64.4	-72.0	-73.3	-74.2
-75.2	-76.6	-78.0	-79.3	-81.1	-82.3	-82.9	-36.2	218.3	320.3	468.9	513.5	522.1	555.7	377.2	216.0	80.1	-36.9	-64.5	-65.4	-67.5	-72.0	-71.5	-71.4
-71.4	-70.8	-70.2	-69.6	-70.6	-71.2	-71.5	6.0	121.1	306.7	432.5	132.7	227.8	154.3	527.7	366.9	227.6	-42.9	-57.7	-61.1	-65.0	-71.1	-72.5	-73.3
-74.8	-73.3	-72.4	-70.8	-70.4	-70.3	-69.9	-65.1	199.0	124.4	209.8	322.5	257.0	293.2	142.6	81.1	-8.8	-46.7	-57.7	-59.5	-61.6	-63.8	-65.8	-67.6
-69.9	-69.0	-69.0	-68.2	-69.3	-69.5	-70.6	-49.6	87.9	145.6	187.9	427.3	658.2	193.7	461.6	331.8	8.1	-44.1	-58.0	-59.5	-61.1	-63.3	-65.2	-66.7
-69.4	-69.1	-69.4	-69.0	-69.8	-70.5	-70.5	-42.5	33.1	184.3	411.6	329.2	410.6	508.0	330.3	242.4	30.7	-38.9	-56.1	-58.7	-62.2	-67.2	-69.5	-72.1
-74.5	-76.3	-78.1	-80.0	-80.9	-81.1	-82.0	38.2	171.3	307.8	258.0	329.3	161.1	135.0	95.4	77.1	1.6	-48.1	-55.9	-57.2	-59.4	-61.0	-61.9	-63.1
-64.4	-66.4	-67.8	-69.9	-68.6	-66.9	-64.7	-46.1	63.2	32.5	445.0	433.5	440.8	480.9	465.4	86.2	32.9	-42.7	-59.7	-55.2	-50.3	-44.8	-50.1	-55.1
-61.0	-66.8	-73.1	-79.0	-80.5	-82.2	-84.0	-53.8	19.9	113.1	514.0	198.3	505.0	303.0	324.5	419.6	145.4	-30.9	-45.7	-46.8	-49.3	-52.8	-56.3	-59.2
-63.5	-62.9	-62.4	-61.8	-64.6	-67.4	-69.3	33.5	91.4	326.5	279.3	225.1	472.1	219.5	244.1	130.3	122.9	-39.1	-45.7	-46.6	-48.9	-51.0	-53.0	-55.0
-57.1	-60.8	-64.1	-67.9	-68.5	-68.7	-69.6	-62.3	14.4	93.8	401.0	505.9	476.6	458.1	381.0	229.5	88.7	-17.5	-27.6	-34.2	-37.7	-46.3	-49.2	-51.9
-55.2	-58.0	-60.4	-63.3	-66.1	-68.3	-71.0	-45.1	213.2	307.7	444.1	543.0	453.1	306.7	241.0	222.4	121.9	-9.0	-26.3	-33.2	-39.7	-46.2	-50.0	-54.7
-58.9	-61.7	-64.5	-67.1	-67.0	-66.7	-66.4	-50.5	11.9	97.3	297.6	201.0	610.1	440.5	371.5	246.7	95.1	-26.0	-38.0	-42.0	-46.6	-53.7	-57.7	-61.0
-65.1	-67.6	-70.4	-72.9	-75.8	-78.0	-79.8	-33.4	23.0	108.5	539.9	329.9	285.3	521.1	384.4	267.0	116.6	-25.2	-38.7	-36.6	-36.1	-34.7	-41.8	-50.3
-60.9	-63.9	-66.2	-68.9	-71.5	-73.9	-75.7	-43.7	138.9	338.4	450.6	470.0	512.1	511.5	381.3	10.9	99.1	-24.8	-32.5	-38.3	-41.0	-45.2	-47.0	-48.7
-68.0	-69.6	-71.2	-72.8	-74.0	-75.1	-75.2	-36.9	74.2	206.3	338.9	364.2	392.1	345.1	294.7	187.8	76.4	-32.9	-52.2	-54.4	-57.4	-61.1	-63.1	-65.1

Calor Sensível - Maio 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	3.2	3.5	3.8	4.0	3.9	3.7	3.6	4.0	5.5	15.3	12.6	10.7	8.7	7.4	5.7	4.9	3.2	1.6	0.9	1.6	2.2	2.7	3.2	3.6
02	4.1	4.2	4.2	4.4	4.1	4.1	4.0	3.7	12.5	13.2	12.7	13.7	12.8	11.9	13.3	11.2	8.8	6.5	5.5	5.6	6.2	6.5	5.9	5.7
03	5.6	5.4	5.1	5.1	4.4	4.0	3.7	3.6	16.2	17.1	16.4	12.5	10.1	8.7	5.7	4.6	3.6	2.2	0.9	1.7	2.5	2.9	2.8	2.7
04	2.7	2.6	2.6	2.0	2.2	2.1	1.9	2.0	10.2	14.1	12.9	9.7	8.5	7.1	4.9	4.0	2.1	1.0	0.4	1.0	1.4	1.8	1.5	1.1
05	0.9	0.7	0.5	0.2	0.1	0.1	0.1	0.1	12.6	17.6	11.2	10.6	8.1	5.4	3.9	2.7	1.4	1.5	0.1	0.4	0.7	0.8	0.4	0.5
06	0.5	5.4	5.3	5.3	5.3	5.5	5.6	9.2	14.2	19.3	14.2	17.4	17.7	15.7	12.0	10.1	6.4	2.7	0.2	1.8	3.3	4.9	4.9	5.0
07	4.6	4.3	4.6	4.8	4.7	4.8	4.7	4.5	14.3	16.4	12.5	9.9	8.1	6.9	4.8	4.1	2.1	1.1	0.5	1.6	2.5	3.4	3.6	4.1
08	3.9	3.8	3.7	3.5	3.5	3.8	3.5	3.6	12.7	13.0	11.8	8.7	6.9	6.0	5.7	4.1	3.7	3.7	3.2	3.6	3.9	4.1	3.8	3.8
09	3.8	3.7	3.4	3.3	3.3	3.3	3.1	3.5	12.0	14.1	11.2	9.5	10.1	5.7	5.3	5.3	3.6	2.4	0.9	1.8	2.3	3.2	3.1	3.2
10	3.2	3.0	2.7	2.5	2.7	2.7	2.3	3.1	14.5	21.3	17.0	13.2	9.9	8.0	5.8	3.5	2.0	1.2	0.2	1.1	1.7	2.1	2.0	2.3
11	1.8	1.6	1.6	2.0	1.3	1.4	1.4	1.6	15.6	15.8	11.3	8.4	6.7	4.8	2.1	0.4	0.9	0.9	0.4	0.9	1.3	1.4	1.3	1.1
12	1.1	0.8	0.5	0.2	0.1	0.3	0.0	0.4	11.2	13.8	12.4	9.6	7.1	5.8	3.2	0.9	0.1	-0.2	-0.8	0.3	0.9	1.3	1.2	1.4
13	1.2	1.5	1.5	1.9	1.7	1.6	1.3	1.4	7.9	7.1	6.7	5.4	3.4	2.2	0.2	-1.7	-0.7	-0.7	-0.4	0.2	0.9	1.3	1.2	1.2
14	1.2	1.6	1.2	0.7	0.9	0.7	0.7	0.7	6.1	6.6	4.6	3.8	2.3	2.6	2.0	1.6	1.3	1.2	1.1	0.9	0.9	0.7	0.7	0.5
15	0.6	0.4	0.2	0.0	0.1	0.1	0.1	0.1	0.9	8.0	6.4	7.4	5.5	4.9	3.7	3.0	3.1	2.7	2.4	2.1	2.1	1.9	1.9	1.9
16	1.7	1.6	1.6	1.5	1.3	1.3	1.3	1.3	2.0	7.8	7.1	7.5	9.4	8.8	4.2	3.8	3.5	2.5	2.1	2.1	2.2	2.3	2.0	1.8
17	1.5	1.2	0.9	0.9	0.5	0.5	0.2	0.3	10.7	17.7	13.0	9.8	10.2	7.1	5.7	3.5	3.3	1.6	0.6	0.9	1.0	1.1	1.1	0.8
18	0.9	0.8	0.1	0.1	0.1	0.1	0.1	0.1	12.3	12.1	9.9	8.7	8.8	6.3	3.6	2.3	1.7	0.9	0.4	0.5	0.6	0.7	0.4	0.2
19	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	7.0	6.3	10.0	9.2	8.4	4.6	3.6	1.4	1.5	0.6	0.1	0.0	0.0	0.0	0.1	0.1
20	0.1	4.3	3.8	3.6	3.3	3.1	3.0	3.3	11.0	12.5	13.2	11.1	7.4	7.6	5.2	4.3	4.3	3.7	3.4	3.7	3.9	4.1	4.0	3.8
21	4.0	3.5	3.3	3.4	3.3	3.3	3.5	3.5	10.5	12.0	12.0	10.7	8.6	4.5	3.2	2.0	1.8	1.6	1.2	1.8	2.3	2.7	3.0	3.1
22	3.3	3.4	3.5	3.2	3.4	3.3	3.3	3.4	3.9	6.8	5.6	5.2	5.6	3.5	3.1	1.9	1.6	1.0	0.6	1.4	1.9	2.5	2.5	2.8
23	2.6	2.7	2.8	2.5	2.7	3.3	2.9	2.9	4.6	5.4	6.8	6.3	6.1	4.6	2.8	1.5	1.4	1.3	1.3	1.5	1.6	1.8	1.4	1.5
24	1.6	1.7	1.7	1.7	1.5	1.6	1.0	1.3	2.5	3.9	3.5	3.6	3.0	2.7	1.8	1.4	1.1	1.0	0.6	0.4	0.3	0.2	0.4	0.5
25	0.6	0.7	0.8	0.6	1.0	1.1	1.2	1.6	2.5	5.0	5.2	3.9	3.3	3.1	1.8	0.4	0.3	0.2	0.1	0.2	0.3	0.3	0.2	0.4
26	0.6	2.7	2.5	2.3	2.2	2.4	2.3	2.2	4.2	4.3	3.4	3.1	2.9	2.0	1.4	0.9	1.1	0.8	0.5	0.7	1.0	1.2	1.1	1.1
27	1.0	1.2	1.3	1.4	1.2	1.2	1.4	1.5	2.2	2.6	3.5	3.3	2.4	2.8	4.7	2.5	1.9	0.1	-0.5	0.0	0.2	0.5	0.5	0.5
28	0.4	0.3	0.3	0.1	0.2	0.2	0.1	0.2	0.9	2.5	2.5	2.6	2.2	1.4	0.3	-0.5	-0.7	-0.3	-0.1	0.1	0.2	0.1	0.0	0.0
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	0.8	1.4	2.0	2.4	1.3	1.3	0.6	0.4	0.0	0.0	0.1	0.1	0.0	0.0	0.0
30	0.0	2.0	1.9	1.9	1.9	2.2	2.0	1.9	2.6	3.0	3.6	3.7	4.0	3.9	2.3	0.6	0.4	0.5	0.4	0.0	-0.3	-0.6	0.2	0.9
31	1.5	1.5	1.5	1.3	1.3	1.2	1.3	1.3	3.3	4.4	3.9	3.5	3.6	2.3	0.6	-0.5	-0.3	-0.1	0.0	0.5	0.8	1.1	1.0	1.0
Média	1.9	2.3	2.2	2.1	2.0	2.0	1.9	2.1	8.0	10.3	9.0	7.9	6.9	5.5	4.0	2.7	2.1	1.4	0.8	1.2	1.6	1.8	1.8	1.8

Calor latente - Maio 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	11.2	10.9	11.2	10.6	10.3	9.7	9.5	10.4	14.4	40.1	36.2	33.6	31.3	33.8	34.5	43.2	34.1	20.1	16.9	14.5	13.1	12.2	13.0	13.3
02	14.0	14.3	14.5	14.8	13.2	12.8	12.0	10.6	34.8	35.5	33.3	35.8	32.7	32.2	37.5	33.4	27.8	21.7	19.4	17.8	18.3	17.6	15.8	15.2
03	14.7	14.2	13.0	13.0	11.2	9.9	9.1	8.5	37.9	39.1	43.5	39.6	40.2	40.7	33.0	35.7	31.6	22.5	14.1	12.3	11.5	9.8	9.3	8.5
04	8.3	7.7	7.7	5.7	6.0	5.5	4.5	4.7	23.9	32.4	33.7	29.9	32.2	34.0	30.7	37.2	24.6	14.5	10.9	8.7	7.2	6.2	4.8	3.4
05	2.5	2.0	1.3	0.6	0.2	0.2	0.2	0.2	27.7	38.5	27.7	30.0	27.9	24.7	25.9	29.7	19.6	28.6	5.2	3.4	3.5	2.5	1.3	1.4
06	1.4	14.4	14.1	13.7	13.6	13.7	13.9	22.5	34.0	46.2	34.0	41.9	43.0	43.1	38.5	38.6	35.0	28.8	21.9	17.5	16.0	15.5	14.8	14.2
07	12.6	11.4	11.9	12.3	11.8	11.8	11.4	10.8	34.4	39.4	35.4	35.3	37.5	41.1	41.2	48.0	30.3	22.5	19.7	15.0	13.0	11.8	11.3	11.9
08	10.6	10.2	9.8	9.2	9.1	10.0	9.0	9.3	33.0	33.8	35.6	30.8	30.1	28.7	30.0	24.6	19.4	17.3	13.2	12.4	11.7	10.7	9.7	9.4
09	9.1	8.8	8.3	7.8	7.8	7.7	7.4	8.1	27.6	32.3	28.9	28.5	36.4	25.2	29.4	38.8	32.1	26.0	14.9	12.2	9.8	9.8	8.6	8.3
10	8.0	7.1	6.4	5.8	6.2	5.9	5.0	6.7	30.7	45.3	39.7	35.0	30.4	32.2	31.9	30.6	23.1	20.2	12.5	9.7	7.7	6.4	5.6	6.1
11	4.3	3.9	3.7	4.7	3.0	3.2	3.2	3.6	35.7	36.4	29.6	25.8	26.0	26.8	23.7	20.6	28.6	20.1	11.0	8.1	6.8	4.8	3.9	3.2
12	2.9	1.9	1.3	0.6	0.3	0.8	0.0	0.8	24.2	29.8	30.1	26.7	24.0	26.9	24.3	23.9	16.4	12.1	7.5	6.4	5.7	4.6	3.7	4.0
13	3.2	4.0	3.8	4.8	4.2	4.1	3.4	3.6	20.3	18.1	19.9	20.3	16.9	20.1	21.9	26.4	15.9	10.7	7.5	6.2	5.9	5.2	4.5	4.2
14	4.3	5.6	4.1	2.3	2.8	1.9	1.8	1.8	16.0	17.0	12.5	11.1	7.1	8.2	6.0	4.9	3.6	3.4	2.9	2.4	2.3	1.9	1.7	1.1
15	1.4	0.9	0.5	0.1	0.1	0.1	0.1	0.1	2.1	18.6	15.3	17.9	13.9	13.1	10.5	9.0	8.9	7.0	6.1	5.2	5.2	4.8	4.5	4.4
16	4.0	3.7	3.5	3.4	3.0	2.9	2.9	2.9	4.6	17.7	16.6	18.1	23.4	24.8	13.8	14.8	13.5	9.6	8.0	6.9	6.4	5.7	5.0	4.4
17	3.7	2.9	2.0	2.0	1.2	1.1	0.4	0.6	21.8	35.6	28.4	23.6	27.2	24.8	27.9	29.9	26.9	14.6	6.4	4.9	3.6	2.9	2.6	2.0
18	2.1	1.8	0.1	0.1	0.1	0.1	0.1	0.1	25.6	25.0	23.3	23.9	29.8	27.9	22.2	26.5	21.2	10.6	5.0	3.1	2.2	1.9	1.1	0.5
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	15.1	13.3	22.0	20.9	19.7	15.0	19.8	21.0	20.5	8.0	2.1	0.1	0.1	0.1	0.1	0.1
20	0.1	10.1	9.1	8.5	7.8	7.4	7.1	7.4	24.4	27.0	32.0	31.6	25.3	30.6	24.7	24.4	22.0	17.2	14.5	13.2	12.1	11.2	10.5	9.2
21	9.3	8.2	7.7	7.8	7.6	7.3	7.7	7.8	23.1	26.7	30.4	31.4	30.2	20.2	20.6	20.5	17.6	15.9	12.3	10.1	8.8	7.8	8.0	7.6
22	7.6	8.0	8.2	7.4	7.9	7.5	7.6	7.7	8.6	15.0	14.1	15.0	18.9	15.2	18.4	16.8	16.5	12.7	10.7	8.9	7.1	6.7	6.2	6.6
23	5.8	5.8	6.0	5.4	5.7	6.9	6.0	6.0	9.7	11.7	14.5	13.7	13.3	12.5	10.7	10.2	8.8	7.4	6.4	5.6	5.0	4.7	3.6	3.6
24	3.7	4.0	3.8	3.8	3.5	3.6	2.2	2.8	5.4	8.3	8.1	9.7	9.3	10.9	9.5	10.4	7.9	7.2	4.3	3.5	2.4	2.1	1.9	1.7
25	1.5	1.8	1.7	1.3	2.1	2.3	2.5	3.2	5.2	10.4	12.0	10.1	10.1	13.8	13.6	9.6	6.9	5.7	2.8	1.8	1.7	1.0	0.6	1.1
26	1.4	6.4	5.9	5.4	5.1	5.4	5.1	5.0	9.3	9.4	8.8	9.7	12.0	9.5	8.2	7.6	8.8	7.1	4.7	4.0	4.0	3.4	3.0	2.8
27	2.5	2.9	3.0	3.3	2.7	2.7	3.1	3.4	5.0	5.8	8.3	8.5	6.6	7.8	12.9	6.9	8.9	5.0	2.9	2.2	1.8	1.7	1.5	1.3
28	1.1	0.8	0.8	0.3	0.6	0.3	0.1	0.4	1.9	5.5	6.0	7.0	7.0	6.6	5.3	6.0	6.4	2.4	1.4	0.9	0.7	0.3	0.1	0.1
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.9	1.9	3.4	5.1	6.0	4.6	8.2	8.4	10.0	3.9	1.7	1.0	0.5	0.1	0.1	0.1
30	0.1	4.6	4.3	4.3	4.3	4.7	4.3	4.2	5.6	6.7	8.1	8.6	9.6	12.4	12.1	13.0	8.6	7.4	5.5	4.4	4.8	4.5	4.3	3.7
31	3.7	3.7	3.4	3.1	3.0	2.7	2.9	2.8	7.1	9.4	9.3	9.5	11.4	11.6	10.5	9.9	8.3	5.3	4.4	4.2	3.8	3.5	3.1	3.0
Média	5.0	5.9	5.5	5.2	5.0	4.9	4.6	5.0	18.4	23.6	22.6	22.2	22.2	21.9	21.2	22.0	18.2	13.4	8.9	7.3	6.5	5.9	5.3	5.0

Radiação Líquida - Junho 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-50.8	-54.2	-57.0	-61.2	-63.9	-65.8	-68.7	-47.7	24.8	77.0	304.3	591.2	160.0	462.8	363.0	285.9	98.7	-25.1	-41.6	-43.2	-46.6	-52.2	-55.3	-58.8
02	-62.1	-65.1	-67.4	-70.0	-71.5	-72.7	-73.5	-38.9	110.8	285.3	224.6	116.8	100.1	257.3	386.4	159.7	34.6	-34.2	-48.0	-44.1	-41.5	-38.0	-47.5	-57.2
03	-68.1	-71.0	-73.3	-75.3	-78.1	-79.0	-80.7	-2.3	-3.6	104.9	373.1	163.0	159.0	526.0	432.3	270.4	109.2	-19.8	-39.0	-43.6	-47.5	-52.6	-56.4	-60.2
04	-64.4	-67.2	-69.5	-72.3	-73.4	-75.3	-77.2	-55.7	42.1	144.8	461.3	466.5	486.4	447.5	374.2	294.1	110.3	-16.9	-31.1	-35.6	-40.1	-45.9	-49.3	-52.5
05	-55.8	-59.3	-62.8	-66.3	-68.9	-69.8	-73.3	6.5	120.4	254.4	28.0	442.9	450.8	427.0	351.2	254.9	113.9	-24.8	-31.3	-33.5	-38.2	-44.1	-47.1	-50.6
06	-54.2	-53.0	-52.3	-51.8	-56.2	-63.4	-68.9	-17.4	181.6	292.1	147.0	204.1	257.2	480.7	185.4	160.7	132.3	-15.5	-31.6	-37.1	-42.8	-49.6	-53.6	-57.6
07	-61.7	-61.2	-60.5	-60.0	-61.8	-64.0	-65.7	-23.3	45.3	145.7	164.5	293.3	283.6	151.9	153.2	108.0	14.1	-37.7	-37.3	-40.8	-44.4	-49.3	-51.0	-52.2
08	-54.1	-56.0	-57.9	-60.0	-60.8	-60.8	-61.6	-36.3	107.4	76.6	169.6	275.6	544.2	214.5	151.2	433.4	112.0	-30.6	-39.3	-44.5	-50.8	-58.0	-60.1	-61.6
09	-63.6	-64.1	-64.7	-65.6	-67.3	-68.7	-70.5	-51.9	47.8	304.3	210.0	281.8	517.1	490.9	380.1	232.8	91.2	-32.1	-41.1	-46.0	-52.7	-59.5	-61.6	-64.3
10	-66.7	-68.4	-70.8	-72.7	-74.2	-75.7	-77.5	-43.9	86.4	349.0	434.1	486.9	485.4	486.9	394.7	172.1	78.3	-30.6	-48.1	-50.9	-54.1	-57.6	-59.4	-61.0
11	-62.8	-63.4	-63.3	-63.9	-64.6	-64.7	-65.4	-39.8	23.3	142.0	345.3	523.2	93.4	241.2	126.4	81.3	8.7	-29.6	-48.6	-51.7	-54.6	-58.5	-61.8	-65.1
12	-68.5	-70.3	-71.6	-73.4	-73.0	-73.1	-72.8	-65.5	6.2	36.9	151.0	225.8	474.6	466.0	360.4	254.1	89.8	-32.9	-44.0	-47.1	-51.9	-57.8	-61.0	-65.0
13	-68.2	-72.2	-76.0	-79.8	-79.6	-79.0	-78.7	-34.8	22.4	262.5	276.3	373.2	464.1	483.2	384.5	272.3	120.3	-8.9	-44.9	-48.5	-51.3	-55.2	-58.6	-62.1
14	-67.4	-69.0	-69.4	-72.1	-70.4	-69.9	-70.5	-49.4	-15.1	53.3	116.7	214.6	533.5	469.2	364.4	247.9	29.4	-27.4	-47.3	-50.0	-54.4	-60.6	-65.3	-69.9
15	-74.4	-76.9	-79.7	-81.4	-82.2	-83.4	-84.2	-67.4	180.7	241.8	398.8	484.6	230.3	468.5	358.1	254.0	139.6	-20.1	-52.1	-56.3	-60.7	-67.4	-69.6	-71.9
16	-74.7	-76.2	-76.2	-78.0	-77.7	-77.4	-77.2	-46.2	2.8	95.5	233.6	265.6	248.0	461.4	35.7	241.5	18.9	-26.8	-43.9	-48.3	-54.9	-62.9	-66.5	-70.9
17	-74.6	-77.8	-81.0	-85.8	-86.6	-88.5	-90.0	-70.6	-36.6	80.5	122.5	462.6	489.4	442.8	348.7	231.5	89.0	-30.7	-38.0	-45.6	-50.0	-57.8	-62.8	-67.4
18	-72.0	-74.9	-78.3	-82.6	-83.1	-85.8	-86.5	-61.4	10.4	92.2	187.0	223.9	530.2	426.5	354.5	307.8	135.4	-19.9	-43.6	-49.8	-54.8	-62.3	-65.6	-70.3
19	-74.5	-76.9	-78.3	-80.9	-83.8	-86.0	-88.5	-75.1	-30.1	140.2	369.4	526.1	464.4	508.0	358.5	306.5	89.5	-22.6	-34.5	-40.2	-45.0	-49.7	-52.0	-56.4
20	-59.9	-63.7	-66.5	-69.9	-72.7	-74.7	-78.3	-47.0	-35.4	80.1	92.2	510.6	544.0	214.1	303.6	105.1	138.3	-14.6	-26.7	-32.7	-38.8	-44.2	-49.2	-53.6
21	-59.4	-62.2	-64.5	-66.3	-67.9	-67.1	-67.9	-57.6	9.9	283.1	192.8	457.1	422.4	139.4	405.5	208.2	93.0	-5.4	-30.9	-30.4	-37.3	-40.6	-43.5	-47.8
22	-51.6	-54.0	-56.3	-59.0	-61.7	-64.5	-67.6	-18.4	52.7	305.1	125.7	258.0	438.8	283.1	390.0	273.4	112.1	-8.8	-23.5	-31.9	-37.3	-43.7	-46.0	-48.5
23	-52.6	-55.2	-57.2	-60.3	-61.1	-61.9	-62.5	-23.2	24.3	162.1	228.0	180.8	340.7	591.2	319.0	311.2	20.7	-1.9	-25.2	-29.1	-35.4	-40.7	-44.6	-47.9
24	-50.8	-52.3	-53.3	-54.6	-56.9	-59.7	-61.9	-31.0	-4.5	55.0	142.9	153.8	98.6	124.6	202.5	166.3	25.0	-37.3	-48.3	-51.7	-55.5	-59.9	-58.5	-57.2
25	-56.0	-57.9	-60.8	-63.1	-67.1	-70.3	-74.2	-57.6	-4.1	214.8	162.2	186.9	499.5	498.2	434.0	310.3	146.7	-19.3	-46.4	-51.7	-57.1	-63.9	-67.1	-69.8
26	-72.9	-75.2	-77.4	-79.2	-80.7	-81.0	-81.8	-49.9	124.0	286.5	406.7	488.0	454.3	466.4	358.5	227.1	81.5	-49.2	-61.7	-64.2	-69.3	-75.6	-78.5	-82.7
27	-86.2	-86.7	-87.6	-88.6	-91.4	-94.9	-97.8	-75.1	12.6	83.7	393.7	411.0	431.3	217.8	168.2	145.5	163.3	-45.5	-55.8	-56.0	-57.7	-59.4	-57.9	-56.3
28	-54.9	-56.1	-56.7	-57.7	-59.4	-61.5	-63.4	-35.2	38.6	318.0	83.8	88.5	412.4	156.6	400.6	258.8	44.1	-31.5	-49.8	-54.2	-60.9	-68.8	-70.9	-73.0
29	-75.0	-78.2	-81.2	-84.6	-87.2	-89.7	-91.3	-63.1	-26.0	64.6	396.1	445.8	358.3	445.0	356.6	240.2	96.6	-36.8	-50.8	-52.5	-54.8	-58.8	-64.0	-70.9
30	-77.8	-80.4	-83.8	-86.6	-88.1	-89.6	-91.3	-77.3	-28.9	62.7	325.5	499.2	308.8	478.2	354.4	239.5	9.7	-20.1	-47.6	-50.5	-54.8	-58.7	-58.2	-58.9
Média	-64.5	-66.6	-68.5	-70.8	-72.4	-73.9	-75.6	-45.2	36.3	169.8	242.2	343.4	376.0	384.2	318.5	235.1	84.9	-25.2	-41.7	-45.4	-49.8	-55.1	-58.1	-61.4

Calor sensível - Junho 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	0.9	0.9	0.9	0.8	0.7	0.7	0.7	1.3	1.4	2.9	4.0	3.0	1.9	1.6	1.2	-0.1	-0.3	-0.3	-0.2	0.1	0.3	0.4	0.3	0.3
02	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.2	0.9	2.3	2.6	1.3	0.9	0.9	0.7	0.7	1.7	0.7	0.2	0.1	0.0	0.0	0.0	0.0
03	18.9	1.8	1.7	1.7	1.7	1.6	1.7	1.9	3.6	4.7	6.3	5.3	3.7	3.4	2.2	1.3	1.3	0.1	-0.1	0.4	0.8	1.1	1.1	1.1
04	1.1	1.2	1.1	1.0	1.0	1.0	1.1	1.6	2.3	3.6	3.9	4.5	4.6	2.6	1.9	0.2	-0.7	-0.7	-0.8	0.0	0.6	1.1	1.2	1.1
05	1.2	1.2	1.1	1.2	1.0	0.9	1.0	1.3	2.3	4.8	6.5	5.0	5.1	5.8	7.1	4.4	1.6	0.1	-0.7	-0.1	0.4	0.8	0.8	1.0
06	1.0	0.9	0.8	0.6	0.6	0.7	0.7	0.8	2.1	4.2	3.3	3.3	2.4	1.7	0.6	0.0	-0.3	-0.1	-0.2	0.2	0.5	0.8	0.7	0.8
07	0.9	3.4	2.9	2.8	2.8	3.1	3.0	3.1	3.9	4.4	4.4	4.1	2.8	2.0	1.4	0.6	0.5	0.5	0.3	1.0	1.7	2.3	2.3	2.4
08	2.4	2.6	2.6	2.8	2.7	2.6	2.6	2.7	3.2	3.5	3.4	4.2	4.9	3.0	2.1	1.6	1.2	0.3	-0.1	0.7	1.3	2.1	2.1	2.3
09	2.4	2.1	2.0	1.9	2.2	2.3	2.8	2.4	2.9	4.7	4.1	4.1	3.7	2.3	1.9	0.7	0.2	-0.1	-0.2	0.5	1.1	1.7	1.8	1.9
10	1.9	1.9	1.7	1.6	1.7	1.7	1.7	1.9	3.5	3.1	5.0	3.7	3.5	3.1	1.8	0.9	0.7	0.6	0.1	0.7	0.9	1.3	1.4	1.5
11	1.6	1.7	1.5	1.6	1.6	1.5	1.3	1.4	2.0	3.1	4.0	4.5	3.4	3.6	2.5	1.8	1.4	1.0	0.6	0.7	0.8	0.9	0.9	0.9
12	1.1	0.9	1.0	1.0	1.1	0.8	0.8	0.9	1.3	2.2	2.6	2.9	4.0	3.1	2.2	1.0	0.8	0.5	0.1	0.3	0.5	0.6	0.5	0.3
13	0.3	0.1	0.3	0.2	0.4	0.9	0.6	0.9	1.4	2.6	2.7	2.7	2.4	1.3	0.5	0.0	0.5	0.1	0.1	0.3	0.4	0.4	0.3	0.8
14	0.4	0.5	0.5	0.4	0.5	0.4	0.6	0.5	0.7	1.7	3.1	2.1	2.4	1.0	1.2	0.7	0.5	0.1	0.0	0.0	0.0	0.0	0.0	0.0
15	0.1	1.8	2.2	2.3	1.8	1.8	2.2	2.4	3.1	6.1	5.9	5.1	2.7	2.6	1.8	0.6	0.5	0.0	-0.1	0.6	1.0	1.4	1.5	1.7
16	1.6	1.3	1.2	1.2	1.6	1.1	1.1	1.4	2.6	3.9	4.0	4.0	3.1	2.7	1.7	1.4	1.0	0.3	-0.2	0.4	0.9	1.2	1.2	1.3
17	1.3	1.2	1.2	1.0	0.8	1.3	1.4	1.3	1.5	3.0	4.6	4.6	5.5	3.7	3.1	1.2	0.5	0.2	-0.2	0.4	0.6	0.9	0.8	0.8
18	0.9	0.9	0.7	0.5	0.4	0.6	0.9	0.4	1.1	2.3	2.9	3.7	4.3	3.1	1.8	1.0	0.8	0.1	-0.1	0.2	0.3	0.4	0.3	0.3
19	0.3	0.2	0.1	0.1	0.1	0.1	0.4	0.1	0.6	1.8	4.7	3.0	3.6	2.9	1.2	0.4	-0.1	-0.1	-0.3	0.2	0.4	0.6	0.6	0.5
20	0.5	0.4	0.4	0.3	0.2	0.2	0.4	0.7	0.8	1.6	2.1	3.3	2.8	1.5	0.6	-0.2	-0.1	-0.1	-0.1	0.1	0.3	0.3	0.3	0.3
21	0.3	0.3	0.2	0.2	0.1	0.1	0.1	0.1	0.9	1.4	2.3	1.5	1.1	0.8	0.1	-0.3	-0.4	-0.2	-0.2	0.0	0.1	0.1	0.1	0.1
22	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	1.5	1.2	1.2	0.7	0.5	0.2	-0.3	-0.7	-0.5	-0.2	0.0	0.0	0.0	0.0	0.0
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	1.1	1.5	1.1	0.7	0.5	0.2	-0.1	-0.5	-0.4	-0.1	0.0	0.0	0.0	0.0	0.0
24	0.0	1.4	1.4	1.2	1.2	1.2	1.3	1.3	1.8	2.4	3.2	3.7	3.4	2.5	1.8	0.9	0.8	0.6	0.4	0.7	1.0	1.3	1.2	1.0
25	0.9	0.9	0.8	0.8	0.8	0.9	1.0	1.1	1.6	2.8	2.6	2.4	2.4	1.6	1.3	0.7	0.8	0.3	0.1	0.3	0.3	0.3	0.3	0.3
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.7	3.1	3.8	2.6	2.0	1.5	1.0	0.2	0.4	0.2	0.1	0.1	0.0	0.0	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.1	2.3	3.2	2.3	2.9	2.3	3.4	2.8	1.5	0.4	0.7	0.9	1.1	1.0	1.0
28	0.9	0.9	1.0	0.9	0.9	1.0	0.9	1.0	3.0	5.6	6.0	4.9	4.3	3.1	2.3	1.0	0.8	0.3	-0.1	0.7	1.7	2.1	2.0	1.9
29	2.1	2.0	1.9	1.8	1.5	1.5	1.1	1.9	6.1	11.4	12.9	9.7	8.3	5.8	3.8	0.9	0.5	-0.2	-0.4	0.4	0.9	1.4	1.8	1.9
30	2.2	2.2	2.1	2.1	1.8	1.9	1.6	2.2	2.4	11.2	12.2	8.9	6.8	5.4	3.7	1.4	0.7	0.4	0.1	0.7	1.3	1.8	1.7	1.7
Média	1.5	1.1	1.1	1.0	1.0	1.0	1.0	1.2	2.0	3.6	4.3	3.8	3.3	2.5	1.8	0.9	0.6	0.2	-0.1	0.3	0.6	0.9	0.9	0.9

Calor latente - Junho 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	2.6	2.4	2.2	2.0	1.7	1.5	1.5	2.8	3.1	6.5	9.7	8.3	6.4	8.2	12.0	11.0	10.5	5.3	3.5	2.5	1.8	1.2	1.0	0.9
02	0.8	0.6	0.5	0.4	0.1	0.1	0.1	0.4	2.0	5.0	6.4	3.8	3.4	3.5	3.5	4.0	9.4	4.0	1.4	0.5	0.1	0.1	0.1	0.1
03	43.4	4.0	3.6	3.6	3.6	3.3	3.6	3.8	7.3	9.5	13.7	12.1	9.3	10.9	10.0	10.5	15.1	8.2	5.0	4.3	3.7	3.3	2.9	2.8
04	2.6	2.8	2.4	2.1	2.1	2.2	2.3	3.4	4.9	7.6	8.6	10.2	11.1	8.9	12.2	10.7	12.1	7.9	5.8	5.2	4.5	4.2	3.9	3.4
05	3.2	2.9	2.8	2.9	2.3	2.0	2.2	2.7	5.0	10.4	14.6	11.9	12.8	15.5	20.2	13.2	8.1	6.5	5.2	4.0	3.6	3.3	2.8	3.0
06	2.8	2.4	2.1	1.7	1.6	1.7	1.6	1.9	4.6	9.1	7.9	9.5	8.5	8.8	7.0	7.0	8.2	5.7	3.2	2.7	2.4	2.4	2.1	2.1
07	2.1	8.3	7.2	6.8	6.6	7.3	7.0	7.2	8.9	10.2	11.5	12.7	10.8	10.7	12.1	11.6	9.8	8.2	6.8	6.6	6.3	6.4	6.3	6.3
08	6.2	6.4	6.5	6.8	6.5	6.1	6.2	6.3	7.6	8.1	8.6	11.9	15.1	11.9	11.9	13.7	14.6	8.2	6.6	5.9	5.5	5.9	5.7	5.7
09	5.7	5.0	4.8	4.5	5.0	5.2	6.1	5.2	6.4	10.4	10.3	11.7	12.5	11.2	15.0	16.6	10.1	9.4	6.4	5.7	5.3	5.0	5.1	5.0
10	4.8	4.6	4.0	3.7	3.7	3.7	3.7	4.2	7.6	6.7	12.2	10.5	11.8	13.9	12.0	12.0	10.3	10.4	6.7	5.7	4.5	4.5	4.3	4.2
11	4.0	4.2	3.7	3.8	3.7	3.6	2.9	3.1	4.4	6.9	9.0	10.1	7.7	8.9	7.0	6.1	5.9	5.1	3.9	3.3	2.7	2.5	2.3	2.1
12	2.5	2.0	2.2	2.2	2.4	1.8	1.7	2.0	2.8	4.7	5.6	6.5	9.4	9.2	9.7	7.8	8.3	6.5	3.6	2.3	2.1	1.7	1.3	0.8
13	0.8	0.1	0.6	0.5	0.9	1.9	1.3	1.9	2.9	5.6	6.6	7.9	8.5	6.5	5.6	11.1	12.9	5.1	3.1	2.3	1.9	1.1	0.9	2.0
14	1.0	1.2	1.2	0.8	1.1	0.8	1.4	1.2	1.5	3.7	7.7	5.9	7.9	4.6	7.2	9.0	7.2	4.2	1.2	0.2	0.1	0.1	0.1	0.1
15	0.1	3.8	4.6	4.7	3.8	3.7	4.5	4.9	6.4	12.5	13.4	13.2	8.5	11.3	13.6	12.5	19.3	9.8	6.4	5.6	4.7	4.1	4.0	4.2
16	3.5	2.9	2.7	2.6	3.3	2.4	2.4	3.0	5.3	8.0	9.1	10.3	9.3	9.9	8.2	9.4	10.0	8.4	5.4	4.2	3.8	3.1	3.0	2.9
17	2.8	2.5	2.4	2.1	1.5	2.6	2.6	2.5	2.9	5.8	9.2	9.6	12.0	10.8	13.6	13.0	7.5	7.1	4.1	3.4	2.5	2.4	2.0	1.8
18	2.0	2.0	1.4	0.9	0.8	1.2	1.7	0.8	2.1	4.5	5.8	7.7	9.5	9.3	8.6	13.1	14.2	5.4	2.6	1.9	1.4	1.1	0.9	0.8
19	0.6	0.4	0.1	0.1	0.1	0.1	0.7	0.1	1.1	3.4	9.6	6.4	8.1	9.0	6.4	10.2	9.9	4.3	3.0	2.6	2.3	1.9	1.6	1.3
20	1.2	1.0	0.9	0.7	0.4	0.4	0.7	1.4	1.7	3.2	4.5	7.5	6.8	5.1	5.1	5.0	4.5	2.9	1.7	1.6	1.4	1.0	1.0	0.8
21	0.7	0.6	0.4	0.4	0.2	0.2	0.2	0.1	1.9	3.0	5.5	4.2	4.1	5.1	6.4	5.9	4.1	3.2	2.0	1.2	1.0	0.5	0.4	0.3
22	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.2	3.3	3.0	3.9	3.6	4.4	5.8	6.8	8.1	3.9	0.9	0.6	0.4	0.2	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.6	2.5	3.8	3.3	3.1	2.8	2.2	1.8	3.4	2.0	0.3	0.1	0.1	0.2	0.2	0.1
24	0.1	4.8	4.3	3.8	3.4	3.2	3.1	3.2	4.3	5.4	7.3	8.5	7.8	7.6	7.9	7.6	6.9	5.1	3.9	3.8	3.6	3.6	3.2	2.7
25	2.3	2.2	2.1	1.8	1.7	1.9	2.1	2.3	3.4	6.0	6.3	6.9	8.0	7.5	10.1	10.1	12.2	5.2	2.7	1.9	1.1	0.8	0.7	0.7
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.4	6.4	9.0	7.1	6.7	7.2	9.3	11.6	11.8	6.6	2.2	0.9	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	3.8	4.7	7.7	6.9	8.6	6.6	9.7	10.8	8.9	6.4	5.2	4.2	3.9	3.1	2.9
28	2.5	2.5	2.5	2.2	2.1	2.2	2.0	2.3	6.8	12.9	15.7	14.6	15.1	16.5	19.5	16.4	19.3	15.3	8.9	7.2	7.4	6.0	5.2	4.5
29	4.5	4.3	3.9	3.5	3.0	3.0	2.0	3.5	11.3	20.9	25.1	19.8	17.9	18.0	20.9	19.6	21.9	16.9	9.7	7.7	6.1	5.3	5.2	4.8
30	4.7	4.6	4.3	4.1	3.5	3.6	3.0	4.2	4.5	20.7	24.5	19.9	17.2	18.0	18.3	15.8	16.3	13.7	8.3	7.2	6.3	6.0	5.0	4.7
Média	3.6	2.6	2.5	2.3	2.2	2.2	2.2	2.5	4.1	7.6	9.6	9.5	9.3	9.5	10.3	10.4	10.8	7.1	4.4	3.5	3.0	2.7	2.5	2.4

Radiação Líquida -Julho 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-59.1	-65.6	-71.1	-77.3	-78.7	-79.8	-81.7	-73.3	-7.1	224.1	370.8	451.0	458.5	447.3	371.9	253.3	109.1	-30.6	-51.5	-53.9	-57.5	-64.1	-68.2	-71.8
02	-76.2	-79.5	-82.3	-85.7	-88.1	-90.5	-93.1	-75.1	-6.5	57.3	353.7	499.3	516.5	426.5	393.4	250.4	104.6	-24.7	-46.8	-49.0	-52.7	-59.2	-64.2	-68.3
03	-73.8	-77.0	-79.9	-83.6	-83.2	-82.1	-81.8	-55.5	6.7	139.3	442.0	520.3	501.2	442.9	369.8	251.6	100.6	-35.0	-53.2	-55.7	-61.8	-68.3	-72.6	-77.8
04	-82.4	-83.5	-84.2	-85.4	-87.8	-89.9	-92.5	-63.5	54.0	170.8	330.5	293.6	286.6	335.4	310.4	168.7	31.1	-0.4	-48.2	-51.5	-56.5	-60.5	-64.8	-69.3
05	-73.9	-73.3	-73.0	-72.6	-74.3	-75.6	-77.5	-57.4	26.4	120.3	134.8	237.7	236.4	143.1	224.4	159.1	139.0	-16.2	-43.1	-48.0	-51.7	-57.8	-64.7	-70.6
06	-76.6	-72.4	-67.3	-63.7	-64.2	-63.2	-63.8	-49.6	247.3	79.5	282.4	550.0	277.3	208.2	399.6	261.0	114.8	-27.5	-44.4	-50.2	-55.8	-63.7	-68.5	-71.8
07	-76.0	-78.1	-80.7	-83.8	-82.6	-81.6	-80.6	-19.5	6.3	61.1	131.1	94.4	565.2	512.2	373.9	204.0	66.7	-10.1	-47.6	-51.1	-54.9	-57.2	-62.0	-65.7
08	-70.2	-73.0	-75.8	-79.5	-82.2	-84.4	-87.5	-67.1	16.9	212.7	393.2	458.6	526.5	435.1	266.1	244.6	120.3	-10.8	-31.5	-36.3	-47.4	-55.2	-53.4	-53.6
09	-53.6	-56.6	-59.1	-62.4	-62.8	-63.9	-64.5	-23.3	136.0	304.5	401.0	574.4	138.4	529.7	56.5	307.8	130.8	-26.5	-55.2	-58.8	-64.9	-71.5	-74.1	-77.5
10	-80.8	-82.1	-83.1	-84.6	-88.4	-91.2	-96.1	-55.0	72.6	218.7	367.5	467.8	505.8	481.1	388.5	311.3	99.4	-39.1	-61.6	-60.1	-58.4	-56.7	-62.5	-71.5
11	-83.7	-86.6	-88.9	-92.9	-94.4	-97.9	-99.2	-67.5	14.7	46.1	382.2	443.0	486.2	430.3	369.0	298.4	127.2	-19.0	-44.3	-47.5	-53.7	-58.4	-61.7	-65.7
12	-69.2	-72.6	-75.1	-77.4	-76.0	-74.1	-73.4	-43.9	44.2	265.9	377.3	441.4	191.2	529.4	376.1	274.3	132.1	-7.3	-30.1	-36.1	-39.9	-50.1	-49.7	-49.6
13	-49.5	-54.5	-60.0	-64.9	-66.2	-66.9	-67.3	-23.5	135.6	169.8	217.0	328.0	460.3	332.6	336.8	122.4	66.7	-19.3	-33.9	-40.6	-46.7	-53.9	-56.3	-57.3
14	-58.6	-61.6	-63.7	-66.8	-70.5	-73.7	-77.5	-38.3	94.2	296.4	406.4	499.0	190.5	453.5	213.9	161.1	108.4	-9.3	-33.2	-35.0	-40.7	-46.3	-51.4	-56.6
15	-62.0	-63.1	-63.9	-64.4	-63.1	-62.5	-61.4	-24.8	-26.5	169.2	178.0	701.7	496.8	523.2	422.6	302.9	156.0	-14.4	-41.8	-44.7	-50.4	-57.6	-59.2	-63.2
16	-66.0	-65.3	-64.3	-64.1	-63.2	-61.1	-59.7	-53.4	-19.8	130.9	573.1	169.8	613.9	314.3	141.1	261.0	150.6	-20.6	-50.3	-51.8	-56.7	-59.8	-62.1	-63.3
17	-66.2	-65.3	-64.5	-63.5	-63.1	-62.2	-61.8	-37.3	164.1	168.1	313.8	116.8	395.6	176.7	434.8	100.6	83.2	-11.3	-52.1	-52.2	-53.6	-54.4	-55.6	-57.5
18	-58.9	-58.6	-57.7	-57.4	-58.3	-58.1	-59.8	-22.0	-6.2	341.2	223.6	533.3	130.2	486.9	403.5	523.0	195.2	-17.3	-42.7	-45.8	-50.3	-55.5	-57.5	-60.6
19	-63.1	-65.6	-67.6	-70.4	-70.2	-69.3	-69.1	-37.2	166.1	332.6	472.7	542.1	520.8	546.4	504.0	353.0	187.4	-3.2	-66.2	-67.9	-71.9	-77.6	-80.1	-82.6
20	-85.6	-86.8	-88.5	-90.0	-90.6	-91.8	-92.6	-83.6	-47.3	9.7	58.3	120.9	312.6	462.4	398.3	185.2	85.6	-28.6	-63.2	-62.6	-61.7	-60.5	-64.0	-67.8
21	-71.7	-75.6	-78.8	-82.4	-84.8	-87.6	-90.2	-80.8	-50.0	11.4	113.2	136.5	239.8	526.7	87.4	269.3	151.3	-9.8	-37.9	-44.4	-50.4	-57.8	-61.3	-66.4
22	-71.3	-73.7	-75.6	-78.4	-81.2	-83.5	-86.1	-64.2	47.4	84.6	340.3	476.0	486.8	480.3	377.6	253.3	132.2	-12.2	-31.0	-38.0	-47.9	-54.3	-59.1	-63.5
23	-68.1	-70.4	-72.3	-74.6	-76.9	-79.6	-82.1	-1.3	161.7	311.3	428.1	471.6	473.9	456.9	392.0	279.3	135.7	-10.1	-45.0	-49.3	-54.2	-62.4	-65.8	-69.8
24	-74.2	-76.8	-78.4	-81.1	-84.6	-87.3	-90.5	-26.0	132.6	293.1	385.1	468.6	483.8	466.5	391.6	276.9	130.2	-16.7	-51.9	-54.8	-60.2	-67.9	-71.1	-74.1
25	-78.4	-82.3	-84.6	-89.0	-91.8	-94.7	-96.6	-46.2	92.2	231.4	377.3	470.4	490.2	461.0	389.1	305.7	148.9	24.7	-55.2	-59.3	-64.5	-72.9	-74.6	-76.3
26	-79.9	-83.8	-86.9	-90.5	-92.9	-94.6	-96.1	-47.8	86.2	236.6	429.1	476.5	492.9	460.6	397.6	272.9	133.4	-16.9	-52.4	-51.8	-59.0	-65.6	-69.5	-74.9
27	-80.6	-83.2	-84.9	-87.6	-90.8	-93.4	-95.7	-71.2	118.5	224.7	398.9	494.9	496.2	470.4	402.7	276.8	203.4	11.1	-48.7	-53.1	-56.3	-59.4	-62.6	-67.6
28	-73.1	-77.0	-79.0	-81.3	-84.7	-87.5	-90.6	-62.3	92.7	237.3	398.4	467.6	480.6	472.9	413.6	295.7	147.0	19.2	-39.0	-46.2	-53.1	-60.9	-64.9	-70.7
29	-75.9	-79.0	-82.3	-85.0	-87.0	-89.1	-91.2	-48.8	119.3	247.0	423.3	500.5	647.0	489.9	430.4	332.3	209.1	43.3	-52.5	-55.7	-59.6	-66.0	-70.9	-75.3
30	-80.9	-84.7	-88.5	-91.1	-92.5	-93.5	-94.8	-22.3	154.0	315.2	415.0	495.1	542.2	495.1	427.2	289.1	137.8	-16.4	-43.3	-44.4	-42.7	-41.1	-45.4	-55.3
31	-66.5	-69.4	-72.0	-74.3	-78.5	-82.3	-85.6	10.3	192.4	345.9	476.4	555.1	574.7	271.2	270.6	166.5	191.2	-16.6	-47.7	-48.8	-51.1	-52.7	-56.5	-60.2
Média	-71.2	-73.4	-75.3	-77.6	-79.1	-80.4	-82.0	-46.2	71.6	195.4	341.7	421.2	426.4	428.0	346.3	258.4	130.0	-12.0	-46.6	-49.8	-54.4	-59.6	-63.0	-67.0

Calor sensível -Julho 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	1.5	1.8	1.7	1.6	1.6	1.7	1.5	1.2	10.5	13.5	9.6	7.4	6.2	3.8	1.7	0.2	-0.1	-0.4	-0.4	0.4	1.1	1.3	1.3	1.5
02	1.5	1.3	1.2	1.2	0.9	0.7	0.5	1.1	8.9	8.9	12.5	8.8	6.4	4.3	2.6	1.2	0.0	-0.8	-0.5	0.2	0.7	1.1	1.2	1.4
03	1.3	1.5	1.5	1.6	1.4	1.5	1.6	1.6	7.4	10.5	6.6	6.1	4.1	2.5	1.5	-0.2	-0.4	-0.4	-0.3	0.3	0.8	0.9	1.0	1.0
04	1.3	0.8	0.7	0.6	0.4	0.4	0.5	0.5	9.4	9.3	10.5	6.8	5.0	3.3	3.4	1.3	1.1	0.6	0.2	0.6	0.8	0.9	1.1	1.2
05	1.4	3.8	3.9	3.5	3.6	3.7	3.9	4.0	8.6	9.1	8.4	7.7	7.0	4.9	2.9	0.8	0.6	-0.2	-0.2	0.9	1.8	2.8	2.8	2.9
06	3.0	3.1	3.2	3.5	3.4	3.4	3.3	3.2	7.4	7.4	6.3	4.7	4.6	2.9	1.9	0.5	-0.2	-0.6	-1.2	0.2	1.3	2.2	2.7	3.0
07	2.7	2.8	3.2	3.6	3.6	3.7	3.9	3.5	7.5	7.0	6.0	4.4	3.4	3.1	2.0	0.8	0.9	1.0	0.6	1.1	1.6	2.0	2.1	2.3
08	2.5	2.7	2.6	2.4	2.4	2.6	2.7	3.4	7.0	10.1	12.0	9.5	7.7	4.5	2.2	-0.3	-1.4	-1.4	-1.1	-0.1	1.2	2.3	2.0	1.8
09	1.5	1.8	2.0	2.3	2.3	2.2	2.2	2.0	7.4	6.2	5.4	5.4	3.8	4.1	2.3	1.9	1.4	0.4	-0.1	0.7	1.4	2.0	2.3	2.4
10	2.6	2.1	2.0	1.8	1.3	1.3	1.2	1.4	16.9	16.7	13.0	9.9	8.7	5.0	3.1	1.2	0.9	0.3	0.1	0.0	-0.1	-0.1	0.5	0.9
11	1.6	1.4	1.0	0.9	1.0	1.2	0.7	1.2	10.8	16.2	13.2	8.2	8.7	5.0	3.5	0.8	-0.2	-0.8	-0.8	0.1	0.8	1.3	1.4	1.5
12	1.7	2.0	2.2	2.2	2.1	2.3	1.9	1.9	6.7	6.7	9.5	10.3	8.9	4.7	0.8	-2.1	-2.7	-2.3	-1.8	-0.6	0.1	1.1	1.0	0.9
13	0.9	1.1	1.5	1.6	1.5	1.3	1.2	1.5	8.7	7.7	5.2	4.9	2.8	3.0	2.9	2.6	1.1	-0.3	-1.0	-0.2	0.5	1.0	1.1	1.2
14	1.3	1.2	1.2	1.2	1.2	1.1	1.2	1.0	10.1	10.8	8.0	5.6	4.2	2.3	0.4	-0.5	-0.9	-1.2	-0.9	-0.3	0.3	0.7	0.9	1.1
15	1.4	1.4	1.4	1.4	1.6	1.4	1.5	1.4	1.4	4.4	4.1	5.0	4.5	2.6	1.4	-0.3	-0.5	-0.7	-0.5	0.1	0.5	0.9	0.8	1.1
16	1.4	1.3	1.4	1.4	1.5	1.3	1.3	1.3	1.5	7.2	5.4	3.4	4.0	2.0	1.4	0.4	0.4	0.2	0.2	0.4	0.7	0.9	1.0	1.1
17	1.4	1.2	1.3	1.1	1.1	1.1	1.0	1.2	4.3	4.8	3.5	2.4	3.1	1.6	1.1	0.6	0.7	0.8	0.6	0.7	0.9	1.0	1.0	1.0
18	1.0	1.0	1.0	0.9	0.9	0.8	0.8	0.9	1.3	3.6	3.2	3.2	3.6	2.6	2.7	1.0	0.6	0.1	0.0	0.3	0.5	0.6	0.6	0.5
19	0.6	0.5	0.5	0.6	0.6	0.7	0.8	0.8	4.4	4.2	3.4	5.4	5.0	4.0	2.3	1.1	0.8	0.1	-0.1	0.1	0.1	0.1	0.0	0.1
20	0.1	1.1	1.0	1.1	1.4	1.8	1.9	1.8	3.6	6.1	5.1	4.5	4.8	5.2	4.5	2.8	3.1	3.0	1.8	1.5	1.2	1.0	1.0	0.9
21	0.9	1.0	0.9	0.7	0.6	0.8	1.0	1.2	1.4	7.6	6.8	5.4	5.6	4.1	2.9	1.5	0.6	-0.3	-0.5	0.1	0.5	0.6	0.7	0.7
22	0.7	0.6	0.5	0.5	0.4	0.3	0.3	0.4	6.4	7.8	6.9	5.0	4.5	4.8	5.4	4.7	2.7	0.3	-0.8	-0.1	0.4	0.6	0.6	0.7
23	0.6	0.6	0.5	0.4	0.2	0.3	0.3	0.1	8.2	6.2	5.0	4.4	3.4	1.7	0.3	-1.7	-2.6	-1.7	-1.2	-0.3	0.1	0.4	0.4	0.4
24	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1	9.9	11.3	6.4	6.2	4.8	2.7	0.7	-1.4	-2.0	-1.3	-0.8	-0.1	0.1	0.2	0.0	0.0
25	0.1	1.1	0.9	0.8	1.0	0.8	0.8	0.4	8.1	10.0	8.9	7.2	6.4	3.8	1.3	-0.7	-0.7	-0.9	-0.8	0.0	0.4	0.8	1.0	0.9
26	0.8	0.8	0.7	0.4	0.5	0.2	0.2	0.1	13.1	14.3	10.2	7.4	5.7	3.8	1.0	-0.9	-1.3	-2.7	-1.1	-0.3	0.3	0.6	0.6	0.5
27	0.6	0.6	0.1	0.1	0.1	0.1	0.1	0.1	13.8	13.2	7.9	6.9	5.0	3.0	0.7	-1.1	-1.1	-0.7	-0.4	0.2	0.4	0.5	0.6	0.7
28	0.6	0.3	0.3	0.2	0.2	0.1	0.1	0.1	11.9	12.2	10.6	9.4	9.3	5.9	2.0	-1.2	-1.2	-1.3	-0.9	-0.2	0.2	0.4	0.4	0.3
29	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	6.5	8.3	8.7	5.7	3.3	2.0	0.9	-0.7	-1.0	-1.1	-0.4	0.0	0.2	0.2	0.0	0.1
30	0.1	1.1	1.0	1.1	0.7	0.6	0.6	0.5	8.8	11.0	8.3	6.3	5.3	3.3	1.1	-0.8	-1.1	-1.5	-1.3	-1.0	-1.0	-1.0	-0.1	0.7
31	1.5	1.3	1.2	1.2	1.3	1.2	1.1	1.7	8.1	7.7	7.6	5.7	3.0	1.7	0.0	-1.1	-0.9	-0.7	-0.7	-0.2	0.2	0.4	0.7	0.9
Média	1.2	1.3	1.3	1.3	1.2	1.2	1.2	1.3	7.8	9.0	7.7	6.2	5.3	3.5	2.0	0.3	-0.1	-0.5	-0.5	0.1	0.6	0.9	1.0	1.1

Calor latente -Julho 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	3.8	4.2	3.8	3.4	3.2	3.4	3.0	2.3	20.0	25.4	20.0	17.6	17.4	16.0	15.4	15.6	18.0	13.5	8.0	5.6	5.5	3.8	3.4	3.4
02	3.3	2.6	2.3	2.3	1.8	1.4	1.0	2.0	16.1	15.9	24.7	19.4	16.4	14.8	13.9	16.9	13.1	11.9	7.4	5.6	4.0	3.6	3.4	3.3
03	3.0	3.2	3.1	3.2	2.9	2.9	3.2	3.1	14.8	21.1	15.0	16.1	13.6	13.6	16.0	16.5	16.0	14.4	7.2	4.8	4.1	2.8	2.7	2.3
04	2.6	1.6	1.3	1.2	0.7	0.8	0.9	1.0	17.4	17.3	21.6	15.6	13.6	12.3	18.1	13.1	14.0	8.9	5.1	4.1	3.3	2.5	2.8	2.6
05	3.0	8.0	8.3	7.5	7.4	7.5	7.9	8.0	17.1	18.0	17.8	18.1	18.3	17.4	16.9	16.6	14.2	11.6	9.1	8.1	7.4	7.8	8.7	9.8
06	10.9	9.7	8.6	7.8	7.7	7.5	7.5	7.2	16.3	16.2	15.9	13.5	15.8	15.1	15.6	15.1	17.5	15.5	10.1	8.3	7.4	6.8	6.9	6.9
07	5.8	5.7	6.3	6.9	7.0	7.2	7.6	7.1	15.8	14.9	14.7	12.5	12.1	15.9	15.0	13.5	14.9	12.6	8.0	6.8	6.2	5.7	5.5	5.3
08	5.3	5.6	5.2	4.8	4.7	5.0	5.1	6.3	12.8	18.6	23.3	19.9	17.4	14.7	14.1	15.0	13.3	9.7	6.5	5.6	6.3	7.0	7.0	7.0
09	7.1	7.0	6.8	7.0	6.7	6.5	6.3	5.7	21.0	17.3	17.2	20.2	16.5	23.4	18.0	23.5	24.0	15.7	9.0	7.3	6.2	5.7	5.8	5.7
10	5.5	4.3	4.0	3.5	2.5	2.4	2.2	2.4	29.1	28.2	24.5	21.8	23.1	18.4	17.6	17.5	17.6	13.6	8.2	7.2	5.6	4.7	3.2	2.7
11	3.1	2.6	1.9	1.5	1.9	2.1	1.2	2.0	18.4	27.3	23.5	15.5	17.4	14.1	18.0	18.1	13.0	11.1	6.8	5.1	4.6	4.1	3.7	3.6
12	3.7	4.2	4.5	4.4	4.2	4.7	4.0	3.8	13.7	13.8	19.6	21.3	18.7	15.2	11.2	13.9	13.8	9.0	5.9	5.0	4.4	4.7	4.1	3.5
13	3.1	3.2	3.7	3.7	3.2	2.8	2.5	3.2	17.4	15.2	12.0	14.0	12.1	12.5	11.6	10.4	9.6	6.4	5.2	4.9	4.6	4.4	3.9	3.4
14	3.3	2.8	2.6	2.5	2.5	2.2	2.4	2.0	19.6	20.8	17.7	14.8	14.5	13.8	10.1	12.0	9.7	7.5	4.9	3.7	3.1	2.8	2.8	3.0
15	3.3	3.3	3.3	3.2	3.6	3.3	3.3	3.1	3.3	10.3	9.7	11.9	11.0	10.2	13.5	11.3	9.5	8.0	5.2	3.7	2.9	3.0	2.4	2.9
16	3.3	3.0	3.3	3.3	3.5	3.1	3.0	3.1	3.6	16.9	14.2	10.5	14.6	10.9	13.2	15.2	14.8	9.3	5.0	3.9	3.3	3.0	2.9	3.0
17	3.3	3.0	3.2	2.9	2.9	2.7	2.6	2.9	10.4	11.4	9.7	8.2	14.5	9.6	9.1	8.0	7.2	6.3	4.1	3.4	3.4	2.8	2.8	2.7
18	2.6	2.6	2.4	2.3	2.2	2.0	2.0	2.1	3.2	9.0	8.2	9.0	10.4	9.8	13.3	8.7	7.8	4.4	3.2	2.6	2.0	1.8	1.6	1.4
19	1.5	1.0	1.1	1.3	1.3	1.5	1.7	2.0	11.6	12.7	10.2	16.1	15.0	17.4	17.7	19.2	24.8	9.3	3.2	1.4	0.6	0.3	0.1	0.1
20	0.1	2.4	2.1	2.3	2.7	3.4	3.6	3.5	7.4	13.2	11.9	11.7	13.9	17.8	18.2	13.7	12.7	10.0	5.1	4.2	3.4	2.8	2.5	2.1
21	1.8	2.0	1.8	1.4	1.2	1.5	1.9	2.2	2.7	14.1	13.5	11.8	13.2	12.2	12.0	10.9	10.6	8.8	3.5	3.0	2.4	1.9	1.7	1.5
22	1.4	1.2	1.0	1.1	0.7	0.5	0.6	0.7	11.5	13.9	13.6	10.9	11.5	12.3	13.7	11.9	12.0	7.1	3.4	2.7	2.4	1.9	1.8	1.7
23	1.3	1.2	1.0	0.8	0.3	0.6	0.5	0.1	15.7	12.1	10.6	10.1	8.9	9.3	14.2	11.8	16.5	7.8	5.3	3.6	2.2	1.9	1.3	0.9
24	0.7	0.5	0.1	0.1	0.1	0.1	0.1	0.1	17.8	20.2	12.5	13.8	12.4	12.1	12.0	14.3	15.9	8.7	4.5	2.5	1.4	0.6	0.1	0.1
25	0.1	2.2	1.9	1.5	1.8	1.4	1.3	0.7	14.2	17.5	17.3	16.1	16.9	14.8	12.7	13.4	15.6	10.8	6.9	5.1	3.9	3.5	3.1	2.4
26	1.8	1.6	1.3	0.8	0.8	0.4	0.3	0.1	22.5	24.4	19.3	15.7	14.1	15.9	14.1	17.3	12.5	21.7	6.9	4.3	3.4	2.6	1.8	1.4
27	1.3	1.2	0.3	0.1	0.1	0.1	0.1	0.1	23.5	22.1	14.9	15.7	14.4	14.0	12.9	18.7	13.8	15.4	4.9	3.9	2.7	2.0	1.8	1.7
28	1.3	0.6	0.6	0.4	0.4	0.1	0.1	0.1	20.7	21.1	18.5	16.4	16.4	15.5	13.2	10.9	11.5	7.3	3.9	2.8	1.8	1.5	1.2	0.8
29	0.5	0.1	0.1	0.1	0.1	0.1	0.1	0.1	11.5	14.6	17.8	14.4	11.7	12.0	15.7	18.7	15.4	18.3	3.7	2.3	1.2	0.6	0.1	0.1
30	0.1	2.2	1.9	2.1	1.3	1.1	1.0	0.9	14.8	18.4	15.8	14.3	15.6	15.9	13.4	13.5	12.6	9.8	6.8	5.7	5.0	4.6	4.1	3.5
31	3.7	3.0	2.7	2.5	2.5	2.2	2.1	3.1	14.9	14.1	16.7	16.3	13.6	15.3	12.8	13.5	12.8	8.9	6.5	5.7	4.5	3.9	3.5	3.0
Média	2.9	3.1	2.9	2.8	2.6	2.6	2.5	2.6	14.8	17.3	16.2	14.9	14.7	14.3	14.3	14.5	14.0	10.8	5.9	4.6	3.9	3.4	3.1	3.0

Radiação Líquida - Agosto 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-64.9	-66.3	-68.5	-69.7	-70.8	-74.6	-76.6	29.4	51.3	87.0	225.4	533.1	118.4	217.5	291.0	88.6	64.6	-15.8	-44.6	-45.7	-48.9	-52.0	-52.9	-54.2
02	-55.0	-54.6	-54.7	-54.3	-55.0	-55.0	-55.6	-20.6	78.3	158.3	282.6	558.5	125.9	233.1	199.3	492.4	48.0	19.4	-44.4	-49.2	-53.0	-56.7	-55.3	-53.9
03	-52.8	-57.9	-61.4	-65.5	-67.9	-69.5	-71.4	9.7	130.7	333.2	445.4	534.2	574.1	284.7	485.1	370.7	188.4	57.1	-51.2	-52.7	-55.7	-59.1	-61.6	-65.2
04	-68.7	-72.8	-76.5	-80.7	-82.9	-84.6	-87.3	-58.7	48.3	125.5	177.7	52.7	620.1	542.4	460.8	365.4	234.1	54.5	-44.6	-48.5	-54.1	-60.5	-64.4	-67.1
05	-71.4	-75.3	-78.9	-82.6	-84.2	-85.2	-85.8	-23.6	188.4	301.6	335.2	492.0	525.8	373.3	417.4	288.1	166.5	-14.3	-44.9	-51.3	-58.3	-66.2	-67.7	-69.4
06	-71.7	-72.5	-72.7	-73.6	-71.3	-68.7	-66.3	-42.5	65.0	343.0	463.1	273.4	601.3	255.9	476.4	290.0	134.8	-12.4	-48.8	-52.1	-57.8	-64.6	-68.1	-71.1
07	-75.5	-76.4	-77.8	-78.9	-76.4	-74.0	-71.8	-47.3	-25.1	24.5	337.2	580.4	646.2	298.9	415.6	364.2	187.6	30.4	-49.9	-54.6	-58.5	-64.9	-69.0	-74.2
08	-79.0	-81.2	-83.8	-85.9	-86.5	-87.1	-87.8	-60.6	24.2	144.3	412.7	538.6	485.4	507.6	437.6	305.6	162.5	12.0	-63.9	-63.0	-60.9	-59.2	-52.8	-51.4
09	-52.1	-66.9	-80.6	-93.7	-96.1	-98.1	-99.4	-73.3	48.6	252.1	424.3	501.7	675.4	620.0	161.3	152.6	220.6	51.4	-58.9	-61.8	-64.9	-68.9	-71.3	-75.7
10	-81.0	-81.1	-80.6	-80.4	-76.8	-73.8	-69.3	-16.8	51.1	146.8	474.3	508.8	546.9	530.6	477.6	380.5	30.6	56.9	-60.6	-63.2	-67.0	-73.6	-74.4	-76.2
11	-77.9	-80.9	-84.1	-87.5	-84.7	-81.4	-77.8	22.2	86.6	122.4	465.0	594.2	116.1	588.8	117.6	0.4	248.7	-14.2	-59.4	-61.4	-65.6	-71.6	-74.6	-78.1
12	-82.6	-85.6	-88.6	-92.1	-92.5	-92.8	-92.5	-60.3	31.5	116.7	146.9	493.1	494.8	585.4	217.7	390.9	263.2	32.7	-52.2	-53.0	-56.4	-60.0	-59.4	-57.8
13	-55.7	-57.2	-59.8	-61.9	-62.8	-63.6	-64.7	-25.2	53.1	565.1	488.6	478.3	245.5	562.8	213.6	101.8	36.8	-22.7	-54.4	-54.2	-56.6	-58.7	-59.8	-61.1
14	-62.5	-65.7	-68.8	-72.0	-75.3	-78.2	-80.8	-60.2	-2.9	122.8	193.1	528.6	477.5	153.6	499.9	186.8	367.8	-15.8	-53.9	-55.5	-57.7	-60.4	-65.5	-70.4
15	-75.4	-79.8	-83.8	-88.2	-87.9	-87.7	-86.3	-26.4	13.8	104.6	128.5	103.2	226.9	670.8	512.6	191.8	241.6	32.7	-49.2	-52.3	-55.7	-59.9	-61.9	-63.5
16	-66.7	-64.7	-63.4	-63.0	-62.1	-62.0	-60.3	-20.9	71.5	369.7	145.8	227.8	757.9	591.5	61.9	300.1	256.1	48.6	-51.5	-53.6	-55.8	-58.5	-62.8	-69.2
17	-74.8	-73.8	-73.5	-72.5	-75.1	-77.3	-78.9	15.4	184.0	374.6	586.9	648.3	242.1	127.1	584.9	315.0	316.4	-37.0	-59.8	-57.8	-60.4	-60.1	-60.3	-61.2
18	-61.8	-63.3	-64.8	-66.5	-68.7	-70.5	-72.2	-55.2	93.2	335.7	503.4	604.4	653.1	168.2	286.5	402.5	311.4	-34.7	-53.4	-53.8	-54.6	-57.7	-59.8	-62.0
19	-64.0	-63.0	-62.4	-62.3	-64.0	-65.3	-66.1	-47.4	47.4	291.4	252.1	782.9	686.2	323.4	542.8	143.2	258.8	4.8	-45.3	-51.8	-57.4	-63.0	-65.5	-68.3
20	-71.2	-73.1	-74.8	-76.5	-82.4	-87.6	-91.6	-60.1	51.2	113.3	496.3	72.4	88.6	643.3	637.4	373.9	231.8	40.5	-59.9	-62.8	-66.0	-70.3	-74.2	-79.0
21	-83.4	-89.2	-94.5	-99.1	-101.4	-103.2	-104.2	-40.8	16.3	73.1	114.3	266.9	202.9	326.5	150.2	214.0	63.8	-27.7	-59.3	-59.7	-60.1	-59.5	-61.1	-61.8
22	-62.7	-63.4	-63.2	-65.0	-69.0	-73.4	-77.6	-30.4	44.1	468.7	512.3	629.2	648.8	640.4	144.6	41.9	203.9	-1.6	-57.8	-62.7	-66.8	-71.6	-75.1	-78.8
23	-84.0	-86.6	-89.1	-92.0	-93.6	-94.8	-94.5	-54.0	76.0	127.7	172.6	417.4	680.6	294.1	378.2	159.0	1.7	-42.8	-55.1	-55.6	-57.8	-60.1	-64.3	-69.3
24	-73.8	-73.0	-71.7	-70.3	-70.8	-71.8	-71.3	-3.9	208.2	351.3	529.2	306.0	360.3	704.6	101.7	390.6	194.5	15.8	-56.7	-58.4	-61.5	-65.6	-70.2	-74.5
25	-80.5	-83.4	-86.2	-88.9	-92.2	-95.4	-96.9	85.5	217.4	513.7	524.5	601.0	694.4	557.2	488.8	336.0	170.5	-12.6	-55.0	-56.5	-59.1	-64.2	-68.4	-72.9
26	-78.4	-76.1	-73.6	-71.2	-71.9	-72.1	-70.1	-8.1	101.0	209.4	389.1	261.0	670.4	587.6	467.0	41.4	67.5	83.7	-51.0	-51.6	-53.8	-57.7	-59.6	-62.6
27	-65.8	-69.4	-73.8	-77.6	-76.9	-76.7	-73.6	-34.2	21.8	524.8	112.7	295.6	674.7	394.1	552.6	416.8	234.2	46.8	-56.1	-57.8	-60.7	-65.4	-69.0	-74.6
28	-80.3	-79.7	-79.9	-79.6	-78.1	-76.1	-72.4	59.1	104.9	260.3	233.0	379.4	722.3	328.1	501.3	109.9	81.5	-21.7	-51.0	-54.7	-58.1	-62.6	-62.2	-62.6
29	-62.7	-65.1	-68.4	-71.5	-73.1	-74.3	-73.7	15.4	117.7	252.3	212.1	641.0	615.3	583.0	470.1	324.9	-36.7	69.0	-40.3	-45.4	-54.1	-66.7	-69.1	-71.0
30	-73.4	-75.7	-78.1	-80.8	-82.3	-84.1	-83.8	-24.3	42.8	121.0	341.5	383.2	665.0	646.8	553.8	459.1	152.5	6.6	-47.7	-52.5	-58.3	-64.4	-67.1	-69.9
31	-72.9	-75.2	-76.9	-79.1	-82.8	-85.6	-85.2	2.5	225.1	360.0	492.6	576.5	580.2	586.1	535.3	422.7	246.6	45.0	-55.3	-60.8	-65.0	-72.6	-75.2	-78.5
Média	-70.4	-72.5	-74.7	-76.9	-77.9	-78.9	-78.9	-21.1	79.5	248.2	342.5	447.2	497.5	449.3	382.0	271.6	172.6	14.0	-52.8	-55.3	-58.7	-63.1	-65.2	-67.9

Calor sensível - Agosto 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	1.3	1.1	1.2	1.1	1.0	1.1	1.3	2.7	5.7	6.0	4.6	5.1	3.1	1.4	0.6	-0.5	-0.5	-0.4	-0.2	0.2	0.6	1.0	1.1	1.1
02	1.3	1.2	1.1	1.1	1.1	1.1	1.0	1.1	3.5	3.9	3.8	5.1	4.2	4.3	2.6	2.0	0.8	0.4	-0.4	0.2	0.6	1.0	0.9	0.8
03	0.6	0.8	1.0	0.8	0.8	0.9	0.8	0.7	4.8	6.1	5.2	3.4	2.4	1.5	0.6	-0.3	-0.5	-0.8	-0.8	-0.1	0.3	0.6	0.6	0.7
04	0.6	0.6	0.5	0.6	0.4	0.4	0.5	0.8	5.9	9.4	5.7	4.8	2.4	2.1	0.7	-0.7	-0.8	-0.8	-0.6	0.0	0.3	0.6	0.6	0.6
05	0.5	0.5	0.4	0.4	0.3	0.1	0.1	0.1	7.2	6.9	6.1	4.6	2.7	1.5	0.3	-0.9	-0.8	-0.6	-0.4	0.0	0.3	0.5	0.6	0.7
06	0.9	0.7	0.8	0.9	0.8	0.9	0.8	0.7	3.5	6.3	4.3	5.5	5.6	3.8	1.6	-0.6	-0.6	-0.6	-0.5	-0.1	0.2	0.4	0.4	0.5
07	0.5	0.6	0.7	0.7	0.8	0.8	0.7	0.6	0.8	4.1	4.0	4.2	4.0	3.0	2.4	0.8	0.7	0.0	-0.2	0.2	0.2	0.2	0.2	0.1
08	0.1	1.6	1.4	1.5	1.4	1.5	1.6	1.6	7.2	8.2	7.5	4.0	4.1	2.6	2.0	0.8	0.3	-0.3	-0.4	-0.3	-0.3	-0.3	0.0	0.2
09	0.4	0.4	0.5	0.5	0.5	1.0	1.2	1.2	8.7	12.2	6.9	5.8	3.1	2.8	1.9	0.7	0.1	-0.3	-0.2	0.3	0.7	0.8	0.8	1.0
10	1.4	1.4	1.7	1.6	1.3	1.2	1.0	1.0	4.6	5.4	6.1	2.9	3.3	1.8	0.7	-0.2	-0.7	-0.6	-0.5	0.1	0.5	0.7	0.7	0.6
11	0.5	0.5	0.7	1.0	1.0	0.9	0.9	0.7	4.8	5.4	5.9	4.2	2.6	1.7	0.4	-0.5	-0.7	-0.7	-0.6	0.0	0.2	0.2	0.1	0.0
12	0.1	1.1	1.0	0.9	1.1	1.2	1.5	1.4	5.6	6.2	5.8	5.9	4.3	2.3	1.3	-0.2	-0.5	-0.5	-0.5	0.1	0.6	1.0	1.0	1.1
13	0.8	0.9	1.0	1.1	1.1	1.3	1.3	1.4	3.9	5.3	4.2	3.1	1.8	1.9	1.3	0.3	0.2	0.0	-0.1	0.3	0.7	1.0	1.0	0.9
14	0.9	0.8	0.7	0.6	0.6	0.6	0.8	1.1	4.8	4.9	4.2	5.1	2.9	2.1	2.1	1.0	0.9	0.8	0.5	0.8	0.9	1.1	1.1	1.2
15	1.2	1.3	1.5	1.7	1.8	1.8	1.9	3.6	6.3	5.9	6.0	4.8	5.7	3.0	2.9	1.4	1.2	1.2	0.3	0.9	1.3	1.8	1.9	2.0
16	2.2	0.9	0.9	0.8	0.7	0.7	0.7	0.8	3.9	4.6	3.4	3.9	3.1	2.6	1.4	0.3	1.2	1.2	0.5	0.7	0.9	1.0	1.2	1.4
17	1.4	1.4	1.2	1.2	1.1	0.9	1.0	1.1	8.2	7.8	4.7	2.6	2.4	1.7	1.1	0.2	0.0	-0.2	-0.4	-0.1	0.1	0.3	0.3	0.4
18	0.4	0.2	0.3	0.3	0.2	0.2	0.2	0.3	4.3	5.8	2.7	3.1	1.7	1.3	0.8	-0.2	-0.7	-0.4	-0.3	-0.1	0.1	0.3	0.3	0.3
19	0.3	0.1	0.2	0.3	0.3	0.4	0.5	0.6	3.4	4.2	4.0	4.1	2.7	2.6	1.2	0.8	1.2	0.7	0.6	0.8	0.9	1.0	1.2	1.2
20	1.2	1.0	0.7	0.6	0.5	0.4	0.7	0.7	6.1	6.4	8.6	5.8	5.0	3.9	1.9	0.8	0.2	-0.4	-0.4	0.2	0.5	0.6	0.6	0.5
21	0.4	0.1	0.1	0.1	0.1	0.1	0.5	2.3	7.2	6.3	5.0	6.3	3.0	2.7	1.8	1.2	0.8	0.5	0.3	0.3	0.3	0.3	0.3	0.3
22	0.3	0.1	0.0	0.0	0.1	0.1	0.1	0.1	4.6	4.6	5.5	4.0	2.7	2.6	1.3	0.4	0.6	-0.4	-0.2	0.2	0.3	0.3	0.3	0.2
23	0.1	0.1	0.1	0.1	0.1	0.2	0.5	0.6	6.0	5.9	3.6	4.0	1.6	1.4	2.4	1.4	1.0	0.4	0.3	0.4	0.5	0.6	0.6	0.7
24	0.7	0.7	0.7	0.6	0.6	0.8	0.8	1.1	2.8	4.3	3.8	3.2	1.7	1.8	0.8	0.5	0.2	0.0	-0.2	0.2	0.4	0.5	0.5	0.4
25	0.4	0.2	0.1	0.1	0.1	0.1	0.1	8.8	6.5	8.2	5.5	4.7	3.0	2.1	1.3	0.9	0.2	-0.3	-0.4	0.0	0.2	0.4	0.5	0.6
26	0.7	0.6	0.5	0.3	0.2	0.1	0.1	1.3	3.7	5.9	3.0	2.2	1.5	0.7	0.4	0.0	-0.4	-0.9	-0.3	-0.1	0.0	0.0	0.0	0.0
27	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	3.1	6.2	2.3	1.2	0.9	0.4	0.0	-0.5	-0.3	-0.4	0.0	0.0	0.0	0.0	0.0	0.0
28	0.1	0.5	0.5	0.4	0.4	0.3	0.2	3.7	3.8	5.8	4.0	2.7	1.4	0.8	0.3	-0.3	-0.3	-0.2	-0.2	0.1	0.3	0.5	0.5	0.5
29	0.4	0.4	0.3	0.4	0.4	0.5	0.6	5.3	4.2	4.5	4.1	5.3	5.0	3.7	3.1	1.2	0.3	-0.2	-0.4	0.0	0.4	0.8	0.7	0.7
30	0.7	0.7	0.6	0.6	0.6	0.6	1.1	2.7	5.0	5.0	6.6	5.4	4.2	2.2	1.8	0.8	0.3	0.1	-0.2	0.3	0.6	1.0	1.1	1.0
31	1.2	1.1	0.9	1.0	1.0	1.0	0.8	7.7	7.0	6.7	8.2	7.7	7.6	5.6	3.3	0.9	0.2	-0.2	-0.4	0.1	0.3	0.5	0.5	0.4
Média	0.7	0.7	0.7	0.7	0.7	0.7	0.7	1.8	5.1	6.1	5.0	4.4	3.2	2.3	1.4	0.4	0.1	-0.1	-0.2	0.2	0.4	0.6	0.6	0.6

Calor latente - Agosto 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	3.2	2.7	2.7	2.5	2.2	2.4	2.7	5.5	11.3	11.9	10.8	15.2	13.3	10.5	13.6	10.2	8.2	7.0	5.2	4.4	3.9	3.8	3.8	3.5
02	3.6	3.3	3.2	3.1	3.1	2.9	2.8	2.7	8.5	9.0	8.7	12.0	9.9	12.4	9.9	10.4	8.5	14.3	5.8	5.3	5.3	4.7	4.2	3.8
03	3.1	3.0	2.9	2.2	1.9	2.0	1.8	1.4	10.3	13.0	13.5	11.5	11.7	12.1	12.2	11.8	11.9	9.7	6.9	5.5	4.5	3.2	2.4	2.1
04	1.6	1.4	1.1	1.3	0.8	0.8	0.9	1.6	11.6	18.5	12.9	13.5	9.1	13.1	10.1	13.3	13.8	9.0	4.7	3.4	2.8	2.4	2.1	1.6
05	1.3	1.2	0.9	0.9	0.5	0.3	0.1	0.1	13.3	12.8	12.7	11.7	9.1	9.9	11.9	10.6	10.9	8.8	4.3	3.3	2.9	2.7	2.3	2.4
06	2.4	2.0	2.1	2.3	2.0	2.3	2.2	1.8	8.5	15.0	10.3	13.1	13.4	14.4	14.9	14.8	11.9	7.2	4.1	2.9	2.3	1.6	1.5	1.4
07	1.3	1.4	1.5	1.7	1.7	1.9	1.7	1.4	1.8	9.8	10.4	12.2	13.0	12.8	13.5	8.6	13.4	7.1	3.3	2.4	1.3	0.7	0.5	0.1
08	0.1	3.2	2.9	3.0	2.7	2.9	3.0	3.1	14.0	16.2	17.5	12.1	17.3	15.2	19.5	17.1	17.4	12.6	7.4	5.7	3.9	3.8	2.0	1.2
09	1.2	1.0	1.0	0.9	0.9	1.8	2.2	2.2	15.4	22.0	14.4	15.1	11.3	14.7	16.3	17.5	11.8	10.4	6.7	5.2	4.0	2.9	2.5	2.7
10	3.0	3.1	3.6	3.3	2.8	2.6	2.2	2.1	9.7	11.2	14.7	8.6	12.7	12.3	14.1	12.3	19.6	11.5	6.4	5.0	4.0	2.9	2.2	1.6
11	1.2	1.1	1.5	2.0	2.2	1.8	1.9	1.6	10.2	11.3	14.9	13.6	12.0	13.1	10.2	15.2	12.3	10.1	5.4	3.7	2.1	1.0	0.4	0.1
12	0.1	2.4	2.0	1.7	2.0	2.3	2.9	2.8	11.0	12.8	13.5	16.4	14.7	12.4	14.2	14.9	14.4	9.7	7.5	5.9	5.5	5.2	5.1	5.0
13	4.0	3.8	3.6	3.4	3.3	3.3	3.1	3.2	9.3	12.4	12.3	12.6	10.6	14.0	15.6	11.1	9.2	7.7	6.6	5.4	4.7	4.0	3.4	3.0
14	2.5	2.0	1.7	1.4	1.3	1.2	1.6	2.2	10.0	10.3	9.9	13.6	9.3	8.9	12.3	9.0	7.8	7.1	4.7	3.8	2.9	2.8	2.6	2.6
15	2.5	2.6	2.9	3.2	3.4	3.4	3.5	6.8	12.0	11.2	12.8	11.2	15.2	10.2	13.9	11.9	12.9	15.2	7.0	6.0	5.2	5.1	5.0	4.9
16	4.9	2.0	2.0	1.9	1.6	1.6	1.6	1.8	8.5	10.0	8.5	11.7	11.3	12.3	10.9	6.5	13.3	13.6	6.0	4.8	4.0	3.2	3.3	3.3
17	3.1	3.1	2.6	2.5	2.2	1.8	2.0	2.1	16.2	15.3	11.2	8.0	11.5	11.8	13.8	10.2	14.5	5.9	5.0	3.9	3.1	2.7	2.0	1.7
18	1.4	0.7	0.9	0.8	0.6	0.5	0.5	0.7	9.7	13.0	7.1	10.3	7.2	9.5	13.4	13.2	13.1	4.1	3.2	2.6	2.0	1.7	1.3	1.2
19	0.9	0.4	0.5	0.6	0.6	0.8	1.1	1.3	7.3	9.2	9.4	11.0	8.0	10.3	7.1	9.2	10.8	5.5	3.8	3.4	3.1	3.1	3.3	3.0
20	2.7	2.2	1.6	1.3	1.1	0.8	1.3	1.3	11.5	12.1	18.1	13.7	13.6	14.8	13.5	18.1	16.7	11.9	6.5	4.7	3.1	2.2	1.9	1.2
21	0.8	0.3	0.2	0.2	0.2	0.2	0.8	4.1	12.8	11.2	10.2	15.5	9.7	10.7	9.0	8.2	5.6	3.6	2.7	1.9	1.2	1.0	0.8	0.8
22	0.6	0.2	0.1	0.1	0.1	0.1	0.1	0.1	8.8	8.6	11.5	9.4	7.2	10.9	9.8	9.1	19.8	17.0	4.3	3.0	2.0	1.3	1.0	0.4
23	0.3	0.3	0.1	0.1	0.1	0.4	0.9	1.2	11.6	11.7	8.7	13.1	8.9	7.2	12.2	7.2	6.1	3.2	2.8	2.1	1.5	1.3	1.4	1.4
24	1.5	1.5	1.6	1.2	1.3	1.7	1.6	2.2	5.9	8.9	9.9	10.8	8.8	13.5	9.1	13.2	10.4	8.7	5.1	3.5	2.5	1.9	1.4	1.0
25	0.8	0.4	0.1	0.1	0.1	0.1	0.2	15.7	11.5	14.6	11.7	13.4	13.5	12.3	12.6	15.4	9.8	9.0	5.2	3.5	2.6	1.9	1.9	1.7
26	1.7	1.4	1.2	0.7	0.4	0.1	0.1	2.9	8.2	13.0	8.3	8.2	8.9	8.0	8.4	7.4	8.6	8.0	2.8	1.7	0.9	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	6.4	12.7	6.0	4.6	7.3	7.4	6.7	9.7	5.3	4.1	0.3	0.2	0.1	0.1	0.1	0.1
28	0.1	1.1	1.1	0.9	0.9	0.8	0.5	8.8	8.7	13.0	11.3	10.8	9.3	8.8	10.5	7.6	7.8	5.7	3.9	3.4	3.0	2.6	2.4	1.8
29	1.2	1.1	0.8	1.0	1.0	1.1	1.2	11.9	9.5	10.3	9.4	12.2	11.6	10.8	11.9	7.4	4.8	3.1	2.3	2.0	1.7	1.8	1.6	1.6
30	1.4	1.5	1.3	1.3	1.2	1.2	2.2	5.3	9.9	10.0	14.5	13.2	11.7	8.5	10.6	11.5	8.5	7.9	4.9	4.0	3.4	3.4	3.2	2.7
31	2.7	2.5	1.9	2.2	2.2	2.1	1.6	15.2	13.6	13.1	16.0	15.1	15.1	15.4	15.5	17.9	16.7	9.0	5.2	3.6	2.5	1.9	1.4	1.0
Média	1.8	1.7	1.6	1.5	1.4	1.5	1.6	3.7	10.2	12.4	11.6	12.0	11.2	11.6	12.2	11.6	11.5	8.6	4.8	3.7	3.0	2.5	2.2	1.9

Dia	Radiação líquida - Setembro 2012 - Lago Carioca																							
	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-82.9	-84.8	-88.7	-91.4	-92.6	-93.6	-92.9	-45.6	7.8	185.3	268.4	245.5	424.3	650.1	502.9	377.3	233.6	34.9	-64.3	-66.0	-67.3	-70.2	-75.3	-80.3
02	-84.9	-85.0	-83.8	-83.3	-91.0	-98.5	-102.9	40.3	274.0	372.2	536.4	620.7	617.5	630.4	557.2	414.0	243.9	45.4	-61.6	-62.5	-67.7	-73.7	-75.0	-77.3
03	-80.7	-81.2	-82.1	-82.3	-84.0	-86.5	-82.9	80.7	236.7	451.4	554.2	631.8	646.2	612.3	528.6	336.3	211.2	34.3	-50.4	-51.2	-57.2	-63.9	-65.3	-68.3
04	-72.6	-72.5	-71.8	-71.9	-72.4	-72.4	-70.9	-47.2	18.6	152.2	544.3	604.0	538.7	284.3	517.0	379.2	213.0	28.9	-53.0	-55.4	-59.0	-64.0	-64.7	-66.7
05	-67.3	-67.4	-68.2	-68.3	-68.9	-68.9	-67.5	26.3	277.3	497.8	643.2	728.0	680.5	611.0	528.2	407.4	240.8	23.7	-66.4	-67.7	-71.9	-76.5	-80.9	-85.2
06	-90.9	-94.0	-96.6	-98.6	-100.5	-102.4	-97.5	62.3	214.1	431.5	560.6	630.9	639.4	634.8	508.0	418.6	218.5	-2.1	-62.6	-63.5	-68.3	-72.6	-74.9	-78.8
07	-84.4	-84.2	-83.7	-83.0	-76.4	-70.1	-51.4	106.2	361.0	591.1	438.8	665.8	733.7	664.1	457.4	424.4	231.1	55.5	-52.1	-55.5	-60.3	-67.1	-65.8	-64.4
08	-63.4	-68.5	-74.7	-82.0	-74.0	-65.7	-50.1	144.7	347.3	150.8	693.3	403.0	737.6	565.1	543.6	405.3	209.3	30.4	-52.6	-55.6	-60.0	-65.3	-68.6	-73.6
09	-79.0	-81.3	-83.1	-85.4	-84.9	-83.8	-78.4	-11.0	108.9	666.2	355.3	619.1	627.7	594.3	523.9	399.9	269.9	49.0	-49.3	-51.1	-55.8	-61.3	-65.4	-69.8
10	-75.8	-78.6	-81.9	-84.6	-86.3	-88.5	-79.1	95.4	249.6	440.4	560.0	609.9	628.9	588.8	502.0	359.7	161.5	10.8	-64.4	-64.3	-67.0	-73.9	-74.0	-77.5
11	-81.5	-81.3	-81.2	-81.2	-81.6	-81.0	-68.8	85.7	258.2	506.8	587.7	605.3	599.1	587.5	497.5	380.8	215.0	26.8	-40.2	-43.3	-48.8	-55.4	-56.9	-59.6
12	-63.3	-65.9	-67.6	-69.9	-71.6	-72.5	-62.5	41.7	189.2	363.9	180.5	614.9	189.6	565.2	454.2	335.3	33.4	9.1	-29.4	-33.7	-39.7	-48.9	-51.0	-53.3
13	-56.3	-58.9	-61.2	-64.6	-66.8	-69.9	-60.3	79.3	224.5	400.5	531.5	603.1	547.0	556.5	456.9	335.1	164.0	-12.8	-31.7	-29.3	-39.1	-47.6	-48.9	-50.3
14	-52.4	-55.7	-59.3	-62.7	-64.0	-64.6	-60.4	12.6	87.3	255.9	504.7	338.3	251.9	227.7	244.8	183.6	114.4	30.9	-44.9	-47.7	-50.0	-54.9	-56.1	-56.9
15	-58.4	-59.1	-59.2	-60.0	-60.0	-60.6	-51.7	-16.8	51.4	116.6	303.4	720.5	623.7	601.0	512.4	200.3	218.0	47.0	-57.3	-59.1	-62.3	-66.7	-69.2	-72.7
16	-75.9	-76.3	-77.7	-78.3	-80.4	-81.9	-75.7	227.5	96.1	413.7	548.3	427.0	482.8	155.7	74.5	415.7	253.3	37.9	-57.4	-58.3	-59.1	-62.3	-65.7	-69.8
17	-74.6	-77.0	-80.2	-82.9	-79.5	-76.8	-61.1	29.8	30.1	178.3	235.9	738.8	774.2	633.6	527.0	390.6	248.3	48.3	-58.2	-60.6	-64.3	-69.9	-72.6	-76.3
18	-80.5	-82.9	-85.4	-88.0	-85.8	-84.3	-71.1	27.3	131.6	212.9	276.0	338.9	400.4	462.3	523.4	379.6	207.0	40.5	-48.3	-51.6	-54.7	-60.4	-63.3	-67.0
19	-71.7	-73.1	-74.7	-76.4	-75.5	-74.2	-54.9	100.2	353.7	495.6	555.9	597.7	599.5	562.3	481.7	364.8	202.4	35.4	-46.4	-46.4	-49.9	-53.6	-55.8	-60.4
20	-64.9	-65.4	-66.8	-67.2	-68.3	-69.7	-61.1	80.9	245.6	399.8	392.1	556.9	579.6	493.1	408.0	73.8	-43.6	-35.9	-45.3	-43.7	-51.7	-64.7	-63.2	-62.7
21	-61.5	-63.3	-64.6	-66.5	-67.3	-67.9	-53.7	-23.1	116.4	145.7	403.7	189.2	167.8	224.3	239.3	89.5	14.6	-25.5	-47.4	-47.8	-48.8	-50.4	-52.5	-55.3
22	-57.3	-60.9	-64.7	-68.3	-69.3	-69.3	-52.2	-11.7	65.2	302.2	472.2	178.6	399.8	271.2	156.4	156.4	-5.4	-47.9	-56.5	-56.0	-57.1	-59.7	-59.5	-59.3
23	-59.3	-64.1	-68.6	-73.4	-75.4	-78.2	-76.7	-52.8	29.4	3.5	49.7	22.3	8.6	83.2	38.6	-15.0	-49.8	-65.6	-74.4	-74.9	-74.8	-75.5	-75.8	-76.6
24	-76.7	-76.5	-76.5	-76.6	-90.3	-104.2	-107.0	-40.9	14.9	148.4	709.8	162.5	314.1	326.4	199.0	341.0	71.2	2.9	-58.4	-58.2	-60.0	-61.8	-62.1	-63.3
25	-63.8	-64.2	-65.4	-66.0	-66.3	-67.2	-50.7	60.8	365.9	157.5	624.6	227.3	197.0	133.4	160.7	140.3	29.0	-4.1	-48.6	-49.8	-51.0	-54.2	-57.6	-62.3
26	-66.5	-68.8	-71.2	-73.6	-72.3	-70.5	-50.2	30.2	42.8	57.6	144.4	298.8	275.5	320.9	149.4	158.5	146.1	-11.2	-40.9	-53.2	-65.0	-76.4	-79.1	-81.8
27	-84.5	-88.1	-91.6	-95.1	-98.5	-101.7	-85.3	-57.4	130.1	435.5	533.1	570.9	720.5	487.6	327.8	481.3	217.4	24.0	-80.0	-81.5	-82.7	-85.7	-89.5	-93.5
28	-98.1	-97.4	-96.3	-95.8	-96.8	-98.7	-77.0	65.2	336.8	477.0	574.0	638.3	649.4	35.7	485.2	381.7	202.6	58.6	-82.0	-84.4	-86.4	-90.7	-90.0	-89.1
29	-89.2	-92.9	-96.6	-100.7	-99.7	-98.7	-75.5	-28.6	296.7	507.6	560.0	46.3	683.5	592.1	481.1	337.2	156.9	47.5	-80.9	-84.6	-87.4	-92.2	-112.6	-129.5
30	-144.7	-133.0	-121.1	-108.0	-106.8	-105.7	-86.4	4.6	115.9	268.2	193.0	370.4	206.3	652.4	578.9	165.2	236.9	62.9	-74.2	-78.8	-82.5	-87.7	-91.3	-94.9
Média	-75.4	-76.7	-78.1	-79.5	-80.2	-80.9	-70.5	35.6	175.9	326.2	451.2	466.8	498.2	460.2	405.5	307.3	162.1	19.3	-56.0	-57.9	-61.7	-66.9	-69.4	-72.6

Calor sensível - Setembro 2012 - Lago Carioca																									
Dia	00	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	0.3	0.1	0.1	0.1	0.1	0.1	0.2	0.5	4.1	3.3	4.2	2.7	2.7	2.7	2.0	1.7	1.3	1.1	0.6	0.5	0.5	0.4	0.2	0.1	0.1
02	0.0	1.3	1.2	1.0	1.0	1.0	0.8	2.6	11.9	12.9	8.9	5.7	3.0	2.2	1.3	0.1	-0.5	-0.7	-0.8	0.0	0.6	1.1	1.1	1.2	1.2
03	1.4	1.4	1.3	1.0	1.0	0.9	0.9	9.0	8.9	9.4	6.5	4.1	2.0	1.0	0.3	-1.1	-2.0	-1.5	-1.2	-0.4	0.3	0.8	1.0	1.3	1.3
04	1.6	1.5	1.5	1.6	1.6	1.5	1.5	1.4	2.9	3.8	4.6	3.0	3.1	2.1	1.2	0.0	-0.3	-0.3	-0.6	0.1	0.7	1.3	1.4	1.4	1.4
05	1.5	1.5	1.6	1.6	1.6	1.7	1.7	2.7	6.1	6.1	4.5	3.5	2.5	2.2	1.7	1.1	0.7	0.1	-0.1	0.4	0.9	1.2	1.3	1.3	1.3
06	1.4	1.3	1.2	1.1	0.9	0.8	1.1	3.3	11.5	11.1	7.5	5.1	2.9	1.8	0.7	-0.2	-0.5	-1.0	-0.8	-0.2	0.3	0.6	0.7	0.7	0.7
07	1.1	1.0	1.0	1.2	1.2	0.9	0.8	3.9	5.1	5.1	4.0	2.4	0.9	0.9	1.2	1.3	0.1	-1.0	-1.0	-0.2	0.2	0.5	0.3	0.3	0.3
08	0.2	0.5	0.9	1.4	1.2	0.7	0.5	2.5	5.6	5.5	3.2	1.5	0.4	0.2	0.1	-0.2	-0.7	-0.8	-0.6	-0.1	0.1	0.3	0.4	0.3	0.3
09	0.3	0.3	0.3	0.1	0.1	0.3	0.3	3.1	4.3	4.6	3.0	2.7	1.4	0.6	0.0	-0.5	-1.3	-0.9	-0.6	-0.1	0.1	0.2	0.3	0.2	0.2
10	0.3	0.1	0.2	0.1	0.1	0.1	0.1	6.3	7.7	6.0	5.0	2.8	0.7	-0.1	-0.8	-1.8	-2.1	-1.9	-1.4	-0.5	0.0	0.4	0.4	0.5	0.5
11	0.6	0.5	0.3	0.2	0.1	0.1	0.1	4.6	6.6	7.2	4.4	2.3	0.9	0.1	-0.6	-1.4	-1.4	-1.3	-0.9	-0.4	0.0	0.2	0.2	0.2	0.2
12	0.3	0.3	0.4	0.1	0.1	0.1	0.1	4.3	5.8	5.3	3.6	1.5	-0.2	-1.1	-1.5	-2.6	-2.3	-1.6	-1.2	-0.5	-0.2	0.2	0.3	0.3	0.3
13	0.3	0.4	0.3	0.2	0.2	0.1	0.1	3.4	3.7	3.8	5.3	4.3	4.8	2.6	0.3	-1.4	-1.5	-1.5	-1.3	-0.6	0.2	0.7	0.7	0.2	0.2
14	0.1	0.1	0.1	0.2	0.2	0.2	0.3	1.4	2.9	4.7	3.5	2.8	1.8	1.5	1.1	0.7	0.4	0.2	0.0	0.3	0.6	0.9	1.0	1.0	1.0
15	1.1	1.0	0.9	0.8	0.8	0.8	0.8	0.9	2.8	2.9	3.2	2.1	1.7	1.6	1.2	0.7	0.3	-0.1	-0.2	0.1	0.3	0.4	0.4	0.4	0.4
16	0.4	0.4	0.4	0.2	0.2	0.1	0.1	3.8	3.6	3.2	2.3	2.2	1.4	1.3	1.0	1.0	0.5	0.0	-0.1	0.0	0.0	0.0	0.0	0.0	0.0
17	0.1	0.1	0.2	0.2	0.2	0.1	0.1	8.6	6.3	7.5	9.7	7.3	6.1	4.2	3.2	1.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
18	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-1.7	-4.9	-2.6	1.4	2.3	0.1	0.6	0.6
19	1.5	2.5	3.6	4.6	5.5	6.2	6.9	8.0	9.4	10.9	8.3	5.4	2.3	1.1	-1.4	-2.3	-2.6	-2.8	-2.8	-1.3	-0.3	0.2	0.0	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	0.0	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	3.7	7.1	11.2	7.7	4.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.3	0.7	1.1	1.1	1.1	0.8	0.6	0.0	0.0	-0.3	-1.0	0.7	1.8	1.6	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.4	1.0	1.5	1.1	0.5	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1
28	0.2	0.2	0.2	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	1.5	2.4	3.0	2.4	1.3	3.7	4.0	2.7	0.1	0.1	0.1
29	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.8	2.6	3.6	5.9	8.0	8.4	4.3	1.3	3.3	4.0	3.5	0.2	0.2	0.2
30	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.2	0.2
Média	0.5	0.5	0.7	0.8	1.0	0.9	0.7	2.4	3.7	3.9	3.1	2.2	1.4	1.0	0.7	0.2	0.0	-0.3	-0.5	0.1	0.5	0.7	0.4	0.4	0.4

Dia	Calor latente - Setembro 2012 - Lago Carioca																							
	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	0.6	0.3	0.1	0.2	0.2	0.2	0.5	1.0	9.1	8.1	11.5	8.5	9.7	11.5	11.2	13.1	8.9	7.8	3.8	2.5	1.8	1.3	0.7	0.3
02	0.0	2.8	2.5	2.2	1.9	1.9	1.4	4.6	21.0	22.7	19.1	16.2	14.2	14.0	17.1	16.6	18.3	13.5	8.8	6.9	5.8	5.1	4.1	3.7
03	3.7	3.4	3.1	2.4	2.1	1.8	1.9	17.8	17.6	18.2	15.6	13.7	11.9	12.3	15.4	15.5	17.4	11.1	7.9	5.9	5.1	4.8	4.1	4.4
04	4.2	4.0	3.9	4.0	4.2	4.1	4.2	4.0	8.2	10.7	14.2	10.1	11.8	12.8	13.8	14.7	13.1	12.4	8.4	7.6	7.0	6.4	6.3	6.0
05	5.8	5.5	5.5	5.2	5.0	5.0	4.8	7.7	17.4	17.1	15.4	15.4	14.9	17.1	17.6	16.3	19.6	13.5	8.9	7.1	6.0	5.0	4.1	3.6
06	3.4	2.8	2.5	2.2	1.7	1.5	2.1	6.1	21.1	20.5	16.8	15.3	14.4	13.9	14.3	16.5	13.1	12.5	7.6	5.4	4.2	3.6	2.9	2.2
07	2.9	2.6	2.5	2.8	2.9	2.3	1.9	9.4	12.0	11.7	12.0	11.2	11.5	10.6	10.6	12.1	12.4	13.2	6.4	4.3	3.5	2.8	2.2	1.8
08	1.7	1.9	2.6	3.1	3.0	2.3	1.8	8.0	15.4	13.4	10.8	8.9	10.6	11.1	12.3	13.2	11.7	9.4	5.0	3.4	2.4	1.9	1.6	1.2
09	0.7	0.7	0.7	0.3	0.3	0.6	0.7	7.0	10.1	10.9	9.0	10.9	9.7	8.3	10.9	10.4	11.8	9.2	4.7	2.8	1.9	1.3	1.2	0.5
10	0.7	0.3	0.6	0.2	0.2	0.2	0.2	13.4	16.1	12.5	13.5	12.0	9.7	12.2	12.7	13.1	16.0	13.7	8.8	6.4	4.5	3.5	2.3	2.1
11	1.8	1.4	0.9	0.5	0.3	0.1	0.1	10.6	14.9	15.9	12.6	9.6	9.1	8.9	10.1	10.8	8.9	7.8	4.3	3.2	2.3	2.0	1.3	1.0
12	0.9	0.9	1.0	0.3	0.1	0.1	0.1	10.5	13.9	12.5	11.9	10.0	9.3	9.9	9.2	11.1	10.6	6.3	3.9	2.6	2.6	2.3	2.1	1.5
13	1.1	1.4	0.9	0.5	0.6	0.4	0.1	8.6	9.3	9.3	13.2	10.7	12.0	10.6	8.1	9.7	8.7	6.3	5.0	3.9	3.0	2.9	2.9	0.7
14	0.4	0.5	0.3	0.5	0.5	0.6	0.8	3.7	7.7	12.5	11.3	11.7	11.1	11.7	11.6	11.4	9.2	7.7	5.3	4.4	4.1	4.0	3.9	3.7
15	3.7	3.6	3.5	3.4	3.2	3.1	2.9	3.2	9.6	9.6	12.2	9.5	9.1	11.7	12.9	13.8	13.2	9.4	5.2	3.9	2.9	2.4	1.9	1.6
16	1.4	1.2	1.1	0.5	0.6	0.3	0.3	9.5	9.2	8.5	7.7	10.3	10.3	11.2	10.5	12.4	11.1	8.4	2.9	1.2	0.5	0.1	0.1	0.1
17	0.4	0.4	0.4	0.4	0.4	0.4	0.4	24.3	19.0	24.1	36.4	32.6	33.8	32.5	41.4	44.8	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.4
18	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	21.1	43.0	61.6	39.1	19.4	0.4	2.6
19	4.8	7.4	10.1	12.4	14.9	17.2	19.3	21.7	24.5	27.2	28.0	30.0	33.1	32.8	26.8	25.2	23.2	21.2	17.3	11.9	7.8	3.5	0.4	0.4
20	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.3	0.3	0.3	0.3
21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
22	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3
23	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
24	0.4	0.4	10.0	19.9	37.9	30.4	17.9	0.6	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3
25	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	1.0	2.2	3.2	3.4	3.4	3.4	5.6	8.2	11.2	18.3	25.1	30.4	19.0	9.3	0.3	0.3
26	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4
27	0.4	0.5	1.4	3.5	5.1	3.7	1.6	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.5
28	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	9.6	19.1	29.5	33.2	36.2	38.0	24.2	11.6	0.5	0.5
29	0.4	0.4	0.5	0.5	0.5	0.4	0.4	0.4	0.5	0.5	0.5	6.4	13.5	21.8	44.1	71.4	95.7	76.5	57.6	38.5	26.3	15.5	0.6	0.7
30	0.7	0.7	0.6	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
Média	1.4	1.5	1.9	2.3	3.0	2.7	2.2	5.9	8.7	9.1	9.3	8.7	8.9	9.4	11.0	12.8	12.2	11.2	9.3	8.5	5.9	3.7	1.6	1.4

Dia	Radiação líquida - Outubro 2012 - Lago Carioca																							
	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-100.6	-103.2	-105.7	-108.2	-109.9	-112.4	-101.9	39.8	312.8	436.3	586.9	614.1	628.8	588.7	502.3	329.6	184.0	69.2	-67.2	-71.6	-75.5	-79.6	-82.3	-87.4
02	-92.7	-95.0	-97.6	-100.0	-102.4	-104.1	-91.1	50.1	363.2	154.7	638.7	641.0	653.6	593.9	499.1	415.5	170.7	32.4	-55.7	-59.4	-63.8	-67.6	-69.6	-73.3
03	-76.7	-79.1	-82.8	-86.1	-88.2	-90.2	-71.4	-0.2	90.6	261.9	317.0	310.2	179.7	495.2	664.5	370.1	183.6	5.9	-53.8	-57.3	-59.8	-64.0	-67.5	-72.4
04	-77.5	-80.1	-83.5	-86.6	-88.2	-90.2	-35.0	47.7	144.0	98.5	667.5	773.5	170.2	695.1	502.9	367.4	186.4	5.4	-52.6	-56.2	-59.1	-63.4	-64.5	-68.0
05	-71.7	-71.0	-70.5	-70.1	-67.8	-64.6	14.4	227.1	68.3	511.6	646.9	750.7	767.1	611.8	518.9	362.5	205.8	70.4	-53.0	-59.2	-62.6	-66.3	-68.0	-70.8
06	-75.1	-71.3	-68.1	-64.0	-64.2	-64.5	-51.8	1.2	128.1	650.9	667.9	719.7	711.5	706.2	521.8	357.6	192.3	49.5	-70.2	-72.2	-74.8	-78.2	-79.3	-80.8
07	-84.4	-87.2	-91.0	-94.2	-88.2	-82.1	-48.6	196.5	394.1	229.0	195.7	711.3	786.2	242.6	677.0	103.9	27.3	-29.3	-62.7	-64.4	-67.1	-70.9	-70.7	-70.0
08	-70.5	-70.3	-70.1	-69.8	-68.7	-68.2	-35.0	111.2	159.8	381.1	494.6	169.0	754.4	654.6	130.4	75.8	347.2	-36.1	-62.1	-64.9	-67.9	-70.6	-70.7	-70.5
09	-71.5	-72.8	-74.7	-76.3	-73.9	-72.2	-22.5	96.9	502.4	272.5	759.3	79.9	144.8	400.9	735.9	130.6	217.4	24.6	-62.3	-64.9	-68.0	-71.1	-73.1	-75.1
10	-78.1	-75.2	-72.5	-69.9	-70.1	-70.4	-41.9	69.8	537.2	252.2	313.2	293.9	440.7	728.8	590.2	430.0	261.3	64.4	-53.9	-57.2	-62.0	-66.5	-70.0	-73.4
11	-78.6	-74.7	-70.3	-66.9	-68.1	-70.6	24.0	232.9	355.9	535.8	609.9	638.5	646.8	596.2	509.5	355.4	181.1	51.1	-55.7	-60.6	-64.1	-69.9	-70.4	-73.8
12	-78.2	-79.0	-79.9	-80.9	-77.3	-65.4	-13.5	23.8	413.6	456.1	629.3	199.2	628.3	73.8	560.9	250.8	185.4	65.4	-53.5	-53.8	-52.4	-50.9	-52.7	-58.5
13	-65.5	-66.0	-65.8	-66.9	-68.8	-70.8	-35.0	37.3	116.9	37.9	144.3	330.7	64.3	202.1	344.7	324.1	93.0	-20.3	-53.7	-55.2	-56.2	-57.3	-59.6	-62.8
14	-65.4	-66.3	-67.8	-68.7	-69.5	-69.7	-59.4	-25.4	-26.1	41.7	152.7	317.6	565.5	150.2	53.5	-23.2	-53.9	-45.3	-58.2	-63.9	-68.4	-73.7	-73.4	-72.6
15	-72.3	-73.1	-74.0	-74.8	-75.7	-76.5	-65.9	-20.5	97.5	290.9	548.4	666.7	143.0	104.7	492.5	339.6	180.3	14.8	-70.5	-71.4	-73.5	-76.6	-78.0	-80.4
16	-83.6	-80.5	-77.4	-74.3	-73.8	-73.2	-28.8	106.8	185.6	317.5	335.4	202.3	391.6	700.9	81.8	262.9	150.7	49.1	-63.6	-65.9	-69.9	-74.2	-76.9	-79.8
17	-83.7	-86.1	-88.7	-91.6	-86.5	-81.4	-29.7	195.0	305.4	175.4	316.1	549.4	703.6	158.0	317.7	225.3	31.3	-30.0	-56.5	-58.2	-59.3	-62.7	-62.5	-63.7
18	-64.6	-64.6	-64.7	-64.8	-63.4	-61.3	-16.9	93.2	148.7	523.0	666.4	688.0	200.3	696.0	544.7	506.8	-22.3	121.5	-40.9	-47.0	-46.4	-48.5	-52.5	-55.8
19	-59.8	-60.7	-62.5	-63.6	-64.5	-47.7	42.5	159.5	339.7	531.5	685.1	707.3	529.5	229.1	524.5	291.1	321.9	-30.8	-49.6	-53.2	-60.0	-66.5	-68.2	-70.8
20	-73.3	-72.7	-73.1	-72.9	-72.7	-72.0	-40.2	87.0	376.3	297.9	752.0	672.7	727.9	662.2	442.5	371.2	152.2	-14.3	-54.4	-57.4	-61.6	-65.7	-67.4	-70.2
21	-73.6	-75.5	-78.5	-80.7	-80.2	-79.3	-56.7	8.8	142.5	231.7	336.9	303.0	384.4	694.1	581.5	459.1	201.9	113.2	-57.7	-58.1	-57.2	-55.7	-57.6	-64.1
22	-73.8	-76.5	-78.8	-81.9	-80.5	-71.6	-43.3	70.0	145.1	167.0	359.6	499.3	704.2	591.1	295.7	182.2	22.1	-13.2	-48.5	-49.3	-50.9	-53.7	-56.0	-57.4
23	-60.0	-62.5	-63.9	-66.3	-66.3	-59.6	-40.0	138.1	131.7	246.5	464.0	223.9	162.4	357.5	310.2	414.3	20.7	-38.4	-40.4	-39.7	-46.5	-59.9	-61.7	-64.6
24	-67.0	-68.9	-70.0	-71.8	-72.6	-57.0	-5.1	151.0	371.7	471.5	537.5	571.8	595.1	567.3	556.8	353.1	9.8	41.0	-36.7	-40.2	-42.7	-47.7	-48.3	-50.1
25	-51.3	-55.0	-57.9	-61.4	-63.6	-52.8	-13.5	193.9	336.2	488.8	607.4	656.5	688.2	599.2	85.4	334.3	165.6	-5.7	-54.4	-55.9	-58.0	-59.7	-60.4	-62.5
26	-64.3	-67.5	-71.5	-74.4	-74.8	-75.7	-53.7	61.0	352.9	590.5	724.0	689.5	642.7	593.7	491.7	352.2	190.0	13.1	-64.5	-64.9	-63.8	-62.2	-63.0	-69.5
27	-80.0	-82.5	-85.4	-88.3	-89.4	-67.8	24.7	52.7	84.3	185.3	781.7	705.9	635.6	587.3	491.2	309.1	157.0	21.5	-69.1	-70.2	-72.9	-75.5	-76.9	-81.1
28	-85.9	-86.9	-88.7	-89.9	-92.1	-80.7	-25.8	196.2	415.8	521.0	532.5	557.7	550.3	510.2	425.3	302.7	174.9	43.5	-59.4	-62.9	-67.3	-73.7	-73.6	-75.1
29	-79.4	-81.1	-83.5	-85.5	-86.6	-70.5	-29.9	3.8	381.8	514.0	591.6	619.4	604.5	552.1	468.7	339.4	167.2	-4.3	-50.0	-52.4	-57.0	-62.1	-61.2	-60.4
30	-59.7	-60.2	-61.2	-64.6	-65.3	-51.7	-14.4	99.4	454.0	441.2	552.5	573.9	562.7	551.6	480.3	338.7	157.6	-12.8	-50.2	-52.4	-57.4	-63.1	-61.1	-61.5
31	-61.6	-62.1	-63.8	-64.4	-66.9	-49.0	-5.1	136.8	335.3	515.7	573.8	488.9	132.9	583.3	492.5	-3.5	-9.5	6.5	-41.9	-49.8	-57.7	-67.3	-64.9	-65.1
Média	-73.6	-74.4	-75.6	-76.8	-76.8	-71.7	-31.3	91.7	263.4	349.3	522.2	513.7	500.0	499.3	448.2	297.7	143.6	18.8	-55.6	-58.4	-61.4	-65.3	-66.5	-69.1

Calor sensível - Outubro 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.1	0.5	0.3	0.0	-0.4	-0.5	0.1	0.3	0.2	0.1	0.1
02	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	3.6	6.6	7.6	11.0	10.1	9.6	6.0	2.4	-1.4	-5.1	-7.7	-2.1	2.1	2.7	0.1	0.1
03	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	2.0	3.5	4.2	4.8	4.3	4.1	3.4	2.5	0.6	-1.9	-4.0	-0.3	1.9	1.9	0.1	0.1
04	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-1.3	-3.4	-2.5	0.1	0.9	0.1	0.1
05	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.3	0.2	0.1	0.1	0.1	0.0	-0.1	-0.2	-0.2	-0.2	0.0	0.1	0.3	0.5	0.6
06	0.9	0.8	0.7	0.7	0.8	0.8	0.9	1.0	0.7	0.3	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
07	0.1	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1
08	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
09	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
10	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	0.0	0.0	0.0	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	-0.1	-0.1	-0.1	-0.1	0.0	0.0
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
16	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
17	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2
19	0.5	0.8	0.6	0.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	-0.1	-0.5	-0.8	-1.3	-1.9	-1.0	0.2	0.5	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	-1.1	-3.2	-1.6	1.1	1.7	0.1	0.1
21	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
22	0.1	0.1	0.1	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.3	0.1	0.0	0.0	-0.1	-0.3	-0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	-0.4	-1.3	-3.0	-6.1	-11.3	-5.2	2.6	4.4	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	1.0	1.1	0.7	0.0	-1.4	-3.5	-4.3	-4.9	-1.8	0.0	0.6	0.0	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	3.1	1.6	1.8	1.6	1.3	-1.0	-2.9	-3.5	-0.3	1.4	1.4	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	4.0	7.5	9.4	10.3	10.4	9.7	6.3	2.5	0.2	-1.3	-3.1	-2.8	-3.1	-3.5	1.9	5.1
27	4.4	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	4.1	6.4	7.5	5.6	3.8	1.8	-1.4	-4.1	-0.2	2.2	2.2	0.1	0.1
28	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	2.7	2.4	1.7	-0.2	-2.9	-5.2	-7.6	-9.5	-4.6	-0.4	1.2	0.1	0.1
29	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	4.0	2.4	1.7	-2.4	-5.3	-7.0	-7.6	-8.2	-3.9	-1.1	1.0	0.7	0.6
30	0.5	2.1	2.5	1.8	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.4	2.0	-0.1	-4.2	-6.8	-7.6	-8.1	-7.8	-3.8	-0.7	0.6	0.0	0.1
31	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	1.7	-0.6	-2.5	-3.6	-4.4	-2.9	-2.0	-1.0	0.0	0.6	3.7	8.3	7.3
Média	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.5	0.7	0.8	1.5	1.3	1.1	0.4	-0.3	-1.0	-1.7	-2.4	-1.0	0.3	0.7	0.4	0.5

	Calor latente - Outubro 2012 - Lago Carioca																							
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	6.6	14.6	21.4	15.7	10.2	4.9	3.3	1.4	0.4	0.4
02	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.4	7.4	14.1	20.3	39.7	60.6	82.9	85.3	86.1	82.4	79.9	78.9	72.7	47.5	23.3	0.4	0.4
03	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4.8	9.7	14.1	20.9	27.3	34.9	40.8	48.0	55.5	50.8	46.5	39.2	24.8	11.9	0.4	0.4
04	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	12.2	24.0	34.4	21.7	10.7	0.4	0.4
05	0.4	0.4	0.3	0.3	0.3	0.3	0.6	0.6	0.6	1.0	1.0	1.0	1.4	1.5	1.7	2.3	2.2	2.1	2.6	2.6	2.6	2.9	2.8	2.7
06	3.1	3.0	2.9	3.1	3.0	3.0	3.3	3.2	2.2	1.0	0.3	0.4	0.4	0.4	0.5	0.5	0.6	0.6	0.6	0.5	0.5	0.5	0.5	0.4
07	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
08	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
09	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
10	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
11	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
12	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
13	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
14	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.3
15	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
16	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
17	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
18	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	1.0
19	2.5	3.5	2.5	1.1	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	3.1	6.0	10.1	11.3	13.3	14.0	9.3	4.6	0.4	0.4
20	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	17.8	36.5	51.9	33.8	16.8	0.4	0.4
21	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
22	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.1	2.6	3.9	2.7	1.2	0.4	1.4	3.2	4.2	2.8	1.1	0.4	0.4
23	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	8.3	17.6	27.2	41.9	52.7	53.3	33.1	17.1	0.4	0.4
24	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	4.9	10.1	15.0	23.6	33.6	44.3	38.1	32.1	21.7	13.2	6.6	0.4	0.4
25	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	23.9	50.9	75.1	76.3	75.8	75.4	66.6	58.7	45.0	28.7	13.6	0.4	0.4
26	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	14.9	31.7	46.9	62.2	78.4	97.1	96.6	94.8	94.4	85.3	73.4	58.8	57.8	56.4	49.8	31.8
27	15.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	15.6	32.3	49.7	54.0	59.7	68.5	67.6	67.7	59.0	37.8	17.7	0.5	0.5
28	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	15.3	31.7	51.2	63.1	77.3	90.2	82.0	73.8	61.0	39.2	19.0	0.5	0.5
29	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	26.0	54.0	84.2	82.2	85.5	91.7	78.3	64.8	47.8	42.0	36.6	30.8	30.4
30	30.0	28.1	17.5	8.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	18.9	40.5	63.0	62.4	68.2	73.4	63.8	58.1	44.7	28.8	14.5	0.5	0.5
31	0.5	0.4	0.5	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	19.2	42.2	64.3	55.2	43.6	32.0	20.4	9.6	0.5	18.6	38.3	52.1	32.3
Média	2.0	1.5	1.1	0.8	0.5	0.5	0.5	0.5	1.3	2.2	3.0	8.2	14.2	20.3	21.6	23.3	25.0	23.9	23.0	20.1	14.5	9.6	4.7	3.5

Dia	Radiação líquida - Novembro 2012 - Lago Carioca																							
	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-66.4	-67.8	-68.3	-69.7	-72.7	-56.4	-8.6	88.5	331.2	471.9	608.8	448.3	631.0	632.6	465.7	328.4	29.1	-27.9	-49.5	-44.7	-44.4	-47.8	-54.4	-61.2
02	-68.2	-70.8	-72.6	-75.3	-76.1	-76.7	-54.4	13.6	-18.9	171.5	275.6	211.6	294.6	375.8	521.2	365.9	115.2	7.8	-55.9	-59.1	-62.9	-66.2	-67.8	-68.7
03	-70.4	-69.9	-70.3	-70.0	-70.9	-72.6	-63.7	-49.5	23.0	16.2	139.7	36.0	99.2	119.3	187.8	101.7	211.1	-9.9	-60.5	-62.0	-61.9	-62.6	-64.0	-65.3
04	-66.6	-67.9	-69.2	-70.6	-70.3	-70.2	-62.5	-54.0	7.0	182.3	307.6	460.8	262.7	674.6	89.3	149.2	31.4	-19.3	-53.8	-54.7	-54.2	-53.4	-57.2	-62.4
05	-66.6	-67.9	-69.3	-70.6	-70.2	-69.8	-50.6	69.3	251.6	78.2	279.7	404.5	316.0	632.9	582.0	84.9	7.2	5.9	-50.4	-51.8	-51.0	-50.7	-51.6	-52.4
06	-56.5	-63.1	-68.9	-75.6	-74.1	-61.1	-26.1	69.1	538.3	154.1	710.4	688.5	652.0	637.6	495.4	240.4	201.6	-4.5	-57.1	-62.0	-63.7	-68.0	-69.4	-70.5
07	-72.4	-72.6	-73.8	-74.0	-73.3	-51.9	-34.5	36.9	79.8	115.6	326.5	265.6	711.0	648.2	555.3	388.4	91.1	-22.0	-58.9	-60.4	-64.2	-72.1	-71.5	-70.9
08	-70.3	-71.2	-73.0	-74.0	-77.5	-66.2	-29.4	39.5	147.2	345.0	692.8	648.0	680.4	267.2	325.3	128.4	83.5	-2.8	-57.3	-60.0	-59.9	-61.7	-62.5	-64.8
09	-66.6	-67.7	-69.8	-70.7	-69.4	-62.8	-46.4	7.9	135.1	135.9	161.3	87.9	88.0	175.7	91.7	41.4	21.2	-31.2	-74.1	-75.5	-76.1	-76.6	-77.7	-77.8
10	-78.8	-79.7	-79.9	-80.6	-80.5	-79.4	-54.5	42.2	93.8	182.1	252.2	192.6	384.2	220.8	142.7	3.8	4.8	-34.9	-58.9	-62.2	-64.2	-66.3	-66.1	-65.2
11	-65.0	-65.9	-66.9	-67.9	-68.9	-70.5	-59.0	25.6	126.0	119.4	129.1	635.1	539.4	12.2	482.4	62.6	11.9	52.0	-50.9	-55.7	-58.2	-60.3	-63.3	-66.0
12	-69.5	-69.5	-70.4	-70.4	-69.1	-49.0	51.8	185.2	152.9	163.6	249.8	164.1	218.5	559.8	-4.8	138.3	-12.6	-14.9	-31.6	-39.9	-42.5	-47.4	-49.3	-51.5
13	-53.7	-54.9	-55.8	-57.1	-58.3	-18.8	93.4	234.3	230.1	620.5	677.4	255.1	502.8	250.5	18.8	116.8	10.0	-32.6	-34.7	-40.6	-50.8	-61.4	-61.7	-63.2
14	-63.4	-65.3	-67.5	-69.5	-68.0	-60.6	-30.8	-24.1	41.4	156.9	215.7	233.4	161.4	82.8	239.2	120.2	0.3	-14.5	-42.2	-51.6	-53.9	-55.7	-56.7	-57.4
15	-58.3	-61.3	-65.0	-68.1	-70.2	-62.1	-50.7	-53.9	-20.5	15.6	9.2	244.1	155.9	150.8	200.7	167.8	40.2	-18.7	-51.5	-57.1	-60.8	-64.4	-65.4	-67.2
16	-68.4	-68.3	-68.8	-68.5	-68.5	-63.2	-54.5	35.9	-6.2	64.6	46.3	279.3	689.3	260.2	684.0	515.5	75.9	-41.0	-40.4	-48.4	-55.9	-65.4	-66.5	-68.7
17	-69.9	-69.5	-68.4	-68.1	-68.2	-49.4	0.1	179.2	365.6	662.9	449.5	344.0	467.5	619.7	208.7	424.6	290.0	13.5	-48.5	-60.2	-62.1	-64.1	-67.5	-71.2
18	-75.1	-74.1	-73.9	-72.9	-74.7	-70.1	-43.4	99.0	104.4	184.4	763.6	371.9	700.3	352.4	345.7	381.5	212.3	51.0	-56.2	-61.9	-60.5	-60.0	-66.4	-73.5
19	-79.9	-78.7	-77.1	-76.2	-73.8	-64.2	-12.0	136.0	176.1	237.4	393.8	419.4	132.5	397.8	344.1	521.2	129.7	62.1	-54.0	-60.6	-60.0	-59.6	-61.5	-65.0
20	-70.0	-70.2	-71.1	-71.2	-69.9	-50.8	-5.7	-19.9	408.4	203.5	259.9	181.5	661.8	238.7	59.9	7.7	22.1	-27.7	-54.7	-58.2	-58.8	-60.6	-62.0	-62.8
21	-64.2	-65.3	-66.2	-67.3	-67.0	-51.3	-23.6	32.1	110.1	557.9	624.3	-25.5	665.1	-1.1	599.5	456.9	330.6	121.6	-55.9	-64.0	-63.7	-67.3	-69.8	-73.0
22	-76.1	-77.6	-80.4	-82.9	-83.7	-72.0	-34.6	49.4	156.5	491.0	592.0	618.2	629.7	604.7	528.3	439.5	250.2	51.9	-58.1	-65.4	-66.7	-68.8	-70.5	-73.4
23	-77.1	-78.0	-78.6	-80.1	-77.6	-62.9	-39.4	80.9	409.2	573.8	663.0	672.6	645.4	611.8	565.1	434.1	256.5	76.0	-37.7	-48.8	-51.4	-56.3	-57.9	-61.9
24	-65.3	-67.3	-68.6	-71.0	-73.2	-33.8	56.6	217.0	444.9	454.4	631.0	648.6	647.7	598.3	568.4	-7.5	85.4	-33.6	-37.0	-47.1	-53.6	-62.4	-64.3	-66.1
25	-67.9	-67.4	-65.8	-65.0	-63.7	-54.1	-14.8	373.1	123.6	151.6	430.1	138.5	209.6	268.2	230.8	139.1	-43.9	-44.8	-43.6	-52.0	-60.2	-68.8	-68.4	-68.1
26	-67.8	-67.4	-67.0	-66.6	-66.4	-59.4	-46.1	-33.9	3.4	77.0	22.7	234.3	143.5	53.0	87.3	239.8	111.0	-0.6	-54.4	-61.0	-60.5	-60.7	-60.9	-61.9
27	-62.1	-63.2	-64.8	-65.9	-66.8	-53.4	-39.5	-7.1	60.7	98.1	86.8	678.3	265.0	320.1	29.4	46.4	118.3	-12.3	-55.7	-57.6	-57.2	-56.9	-59.1	-60.5
28	-62.8	-63.9	-64.0	-65.1	-64.9	-61.0	-57.3	-13.7	19.6	131.5	137.6	217.6	276.2	151.2	515.4	181.4	84.4	-25.7	-32.3	-38.8	-41.5	-43.3	-46.2	-48.9
29	-52.0	-52.5	-52.9	-53.3	-53.3	-37.4	26.1	77.1	563.8	257.0	486.6	681.6	654.5	647.7	587.3	559.3	317.3	341.4	7.2	-32.9	-39.2	-46.1	-51.1	-55.3
30	-60.5	-63.1	-65.0	-67.2	-66.0	-48.9	1.2	142.7	372.2	555.9	40.1	266.1	522.8	401.4	687.8	541.9	92.0	64.3	-14.3	-30.0	-35.3	-39.6	-43.2	-45.3
Média	-67.1	-68.1	-69.1	-70.2	-70.2	-58.7	-23.8	65.9	181.0	254.3	355.4	356.7	433.6	365.5	347.8	244.0	105.9	14.3	-47.4	-54.1	-56.5	-59.8	-61.8	-64.0

Dia	Calor sensível - Novembro 2012 - Lago Carioca																							
	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	4.7	0.1	2.9	6.1	9.8	7.0	3.7	0.2	0.2	0.2	0.1	2.3	2.1	1.7	-0.1	-2.2	-4.9	-5.9	-6.6	-1.9	0.7	1.3	0.1	0.7
02	1.6	2.7	1.9	1.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.9	1.4	1.9	2.5	2.9	3.0	2.6	1.9	3.5	3.7	3.4	2.0	1.5
03	0.9	0.1	0.1	0.1	0.1	0.4	1.0	1.4	1.8	2.4	2.7	3.0	3.3	3.6	2.7	2.0	1.1	2.3	3.3	4.9	3.5	1.9	0.1	0.1
04	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.9	3.7	5.6	5.5	5.4	6.5	5.1
05	3.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
06	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
07	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
08	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
09	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
10	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
11	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
12	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
13	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
14	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
16	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.1	0.1	0.1	0.1	0.1
17	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	0.4	0.7	0.9	0.5	0.1	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	2.0	2.5	3.2	1.7	0.6	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
22	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
23	0.1	0.1	0.2	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.1	1.3	0.9	0.4	0.0	-0.7	-0.2	-0.1	0.0	0.0	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.3	0.5	0.4	0.2	0.1	0.1	0.0	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.9	1.6	2.3	1.4	0.7	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1.1
28	2.4	3.6	2.5	1.3	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	99.6	57.3	30.3	9.1	7.2	3.8	0.9	0.1	0.1	0.1
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19.8	40.0	23.3	31.7	18.8	12.7	7.7	0.9	-6.7	-10.7	-18.6	-0.6	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23.6	42.7	38.3	29.8	13.9	5.5	3.6	0.5	-2.2	0.5	1.9	1.0	4.8	5.1	4.7	4.6	7.9
Média	0.5	0.3	0.4	0.4	0.5	0.4	0.3	1.6	2.9	2.3	2.2	1.5	1.1	0.9	3.7	1.8	0.7	-0.2	0.4	0.7	0.7	0.6	0.5	0.6

Dia	Calor latente - Novembro 2012 - Lago Carioca																							
	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	15.4	0.4	9.7	20.2	30.6	21.1	10.5	0.5	0.5	0.5	0.5	13.7	28.1	44.5	53.5	65.2	76.4	66.5	54.0	34.2	20.0	8.9	0.4	3.0
02	5.8	9.0	5.8	3.2	0.5	0.5	0.5	0.5	0.5	0.5	0.4	3.0	5.5	8.6	13.3	18.2	22.9	26.7	29.5	31.8	24.1	16.8	9.0	5.8
03	3.1	0.4	0.4	0.4	0.4	1.3	3.0	4.3	5.6	7.3	8.3	9.4	10.8	12.0	9.2	6.8	4.1	9.3	14.9	19.8	12.7	6.5	0.4	0.4
04	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	10.4	19.7	29.6	29.3	28.8	29.3	20.4
05	10.7	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
06	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4
07	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4
08	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4
09	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
10	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3
11	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
12	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3
13	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4
14	0.3	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
15	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4
16	0.3	0.3	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.3	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4
17	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
18	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.3	3.2	4.9	3.5	1.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4	0.4
19	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
20	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.4	0.4	0.4	8.7	17.9	29.8	21.9	11.6	0.5	0.6	0.6	0.5	0.5	0.4	0.4	0.4
22	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.5	0.5	0.5	0.5	0.5
23	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.4	0.4	0.4	0.4
24	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	9.2	20.5	31.8	25.4	15.1	4.4	2.8	1.2	0.4	0.4	0.4	0.4	0.4
25	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	1.1	2.7	3.6	2.5	1.0	0.3	0.3	0.3	0.4	0.4	0.4	0.4	0.4
26	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.3	0.3	0.3	0.3	0.3	0.3
27	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	2.7	5.0	7.4	4.8	2.5	0.4	0.4	0.3	0.3	0.3	0.3	0.3	3.3
28	6.9	10.4	6.9	3.5	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	471.8	400.1	237.7	80.5	74.9	25.4	4.4	0.3	0.3	0.3
29	0.1	0.1	0.1	0.1	0.1	0.1	0.1	58.3	118.2	68.7	110.8	79.4	70.3	83.6	89.1	101.8	102.4	125.3	3.2	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	0.1	0.1	0.1	69.3	125.2	114.5	123.5	93.8	96.9	117.2	75.7	96.9	68.0	34.6	7.5	28.1	26.2	21.1	18.0	27.1
Média	1.7	1.0	1.1	1.2	1.4	1.1	0.8	4.7	8.6	6.7	8.4	7.7	9.0	11.7	25.9	24.3	17.5	12.2	7.1	5.9	4.2	3.0	2.2	2.3

Dia	Radiação Líquida - Dezembro 2012 - Lago 2012																							
	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	-49.0	-51.6	-54.4	-56.9	-65.4	-39.0	1.3	100.1	115.9	273.9	300.5	150.2	402.0	420.6	409.5	396.1	287.7	195.2	-0.8	-21.9	-27.9	-33.8	-42.2	-50.0
02	-57.7	-63.3	-69.1	-74.1	-78.7	-74.4	-12.0	46.3	85.2	112.4	600.5	204.1	703.0	475.8	347.9	267.1	162.6	85.0	9.5	-16.2	-27.1	-39.3	-48.8	-57.4
03	-66.0	-69.7	-73.1	-76.6	-85.7	-76.2	-49.1	232.1	444.9	317.3	146.7	660.4	616.5	557.6	594.0	418.6	120.5	174.3	16.4	-8.0	-22.7	-37.8	-45.7	-53.0
04	-60.9	-66.9	-71.9	-77.6	-83.6	-83.2	-38.1	103.8	175.8	489.6	187.7	49.1	18.7	599.1	530.0	437.0	342.8	194.6	60.7	-4.6	-20.6	-36.2	-48.5	-61.0
05	-72.1	-75.7	-79.9	-83.5	-87.1	-79.8	-42.4	59.0	88.5	243.3	374.6	382.7	416.9	282.6	657.5	454.1	339.1	179.7	43.3	-11.7	-24.8	-37.4	-48.9	-60.7
06	-71.2	-77.2	-83.5	-89.4	-97.2	-88.8	14.3	90.0	40.0	613.7	667.2	589.4	630.5	595.5	524.1	414.0	287.0	174.9	44.5	1.7	-8.9	-20.7	-36.5	-51.6
07	-66.0	-73.1	-80.6	-87.2	-91.0	-82.5	-43.8	60.4	127.7	217.9	652.2	672.1	617.8	558.5	493.9	400.7	286.3	167.6	19.4	-5.6	-17.2	-27.3	-39.5	-51.9
08	-63.0	-69.0	-75.2	-81.7	-91.2	-68.9	-12.6	152.9	86.0	504.1	576.6	613.8	612.9	621.8	597.7	529.1	342.9	153.9	14.7	-8.3	-9.4	-11.5	-24.3	-37.6
09	-48.7	-52.9	-57.1	-61.0	-66.5	-44.4	10.1	177.7	399.0	446.3	488.4	646.8	684.3	648.8	285.9	276.1	-14.5	-36.2	-67.8	-70.5	-70.9	-72.8	-72.5	-71.5
10	-71.5	-69.8	-68.9	-67.6	-63.7	-56.4	-14.2	42.4	45.3	137.8	221.3	705.8	331.3	342.1	608.7	607.4	132.1	14.8	-51.2	-63.5	-68.8	-74.1	-73.7	-73.6
11	-73.9	-74.6	-75.8	-76.1	-69.6	-48.3	65.3	67.8	479.2	293.8	215.6	220.7	276.0	414.2	359.2	245.4	188.6	144.5	-36.4	-63.8	-67.0	-70.0	-72.9	-74.8
12	-77.1	-75.3	-72.3	-69.8	-58.8	-30.6	39.5	287.5	486.4	623.9	646.6	641.4	642.3	482.3	178.1	-43.6	-54.2	-54.7	-62.7	-69.3	-69.6	-69.8	-70.6	-72.1
13	-73.6	-73.4	-73.4	-73.7	-68.0	-53.9	-40.6	19.5	101.4	211.7	358.2	587.8	682.8	674.9	577.0	457.2	252.0	15.0	-41.7	-62.1	-63.8	-65.5	-65.9	-67.3
14	-67.8	-67.8	-67.0	-67.0	-61.4	-35.1	-14.9	101.0	170.4	233.2	667.1	472.0	675.0	671.3	-53.1	96.6	102.4	57.0	-46.4	-66.4	-69.7	-75.0	-76.1	-77.7
15	-78.9	-78.5	-76.9	-75.2	-65.1	-33.8	12.6	233.3	515.0	303.8	647.3	136.6	481.3	669.0	336.1	442.8	-3.8	30.5	-45.3	-69.4	-72.4	-74.1	-77.2	-80.7
16	-83.5	-83.7	-82.8	-82.6	-72.6	-37.1	38.7	255.7	434.7	526.4	631.9	652.7	636.9	641.7	88.4	25.3	-31.0	-37.8	-71.9	-81.1	-81.8	-81.1	-81.3	-80.7
17	-80.5	-81.6	-82.8	-84.6	-72.2	-45.9	16.3	156.6	419.6	560.2	497.1	708.3	681.9	659.7	519.8	49.2	-35.2	-62.6	-34.4	-77.9	-77.0	-77.0	-79.7	-82.2
18	-84.6	-85.6	-86.8	-88.2	-77.1	-56.2	-5.3	145.3	288.9	575.9	640.8	692.0	691.7	636.6	606.5	454.5	359.3	159.2	-36.0	-70.0	-73.9	-77.6	-78.3	-79.4
19	-80.3	-79.4	-78.0	-76.3	-65.0	-52.8	-0.4	172.2	360.2	592.4	607.7	698.3	657.4	652.9	602.8	557.4	262.7	-29.8	-72.3	-87.3	-86.1	-84.4	-83.3	-82.3
20	-81.2	-81.5	-81.9	-82.4	-77.8	-61.5	-17.0	65.3	99.1	254.9	134.1	498.5	568.0	306.3	468.6	528.2	271.4	115.2	-69.5	-78.8	-79.8	-81.9	-84.7	-86.8
21	-89.7	-87.7	-86.1	-84.3	-84.0	-64.9	-7.6	261.7	369.9	119.0	217.4	394.7	665.7	671.5	548.8	458.3	291.1	112.8	-60.5	-94.9	-97.1	-100.	-101.	-101.
22	-103.	-102.	-102	-101	-85.8	-59.9	66.1	264.7	409.6	571.2	630.2	660.7	648.1	607.7	535.7	413.5	262.5	66.9	-62.4	-75.9	-75.6	-76.0	-76.0	-77.2
23	-77.5	-76.4	-76.3	-75.3	-72.3	-62.8	-52.2	15.3	339.8	294.2	223.7	187.7	680.1	632.7	559.5	421.9	256.4	89.3	-71.7	-92.4	-92.0	-92.9	-93.0	-92.7
24	-93.2	-89.6	-86.7	-83.2	-77.1	-58.2	-22.6	221.0	499.5	600.5	635.0	709.3	647.7	615.6	521.8	377.3	284.0	101.9	-59.9	-99.6	-101	-101	-98.0	-94.9
25	-92.6	-89.9	-87.4	-85.0	-76.3	-53.3	-24.2	113.8	443.6	674.8	668.9	695.0	554.7	632.4	583.8	428.5	318.0	123.3	-59.0	-116	-104	-93.7	-95.3	-97.5
26	-99.0	-98.3	-97.6	-97.2	-83.6	-46.8	22.8	219.2	418.1	561.7	615.0	629.6	625.2	602.0	533.3	445.4	337.7	171.1	-22.8	-92.7	-90.9	-89.5	-89.8	-90.8
27	-91.8	-92.7	-94.5	-95.4	-94.8	-80.7	-25.2	67.6	291.3	578.5	244.1	666.9	627.3	348.8	530.0	410.5	297.8	112.3	-54.8	-89.4	-89.2	-88.7	-89.5	-91.2
28	-92.4	-92.9	-92.6	-93.3	-82.4	-61.5	-8.7	32.8	93.6	431.7	308.1	209.8	377.6	610.6	533.4	417.1	128.8	133.2	22.9	-89.1	-93.2	-98.4	-99.3	-101
29	-103	-102	-101	-100	-88.8	-61.5	18.9	34.3	34.4	289.8	238.4	293.1	669.2	622.0	298.9	178.8	146.1	45.7	-61.8	-84.7	-87.6	-90.3	-91.3	-92.4
30	-93.5	-90.1	-87.0	-83.7	-75.3	-59.4	-15.1	72.1	310.0	614.3	668.5	704.5	285.6	662.8	540.3	421.6	260.3	104.0	-52.3	-89.9	-92.8	-95.2	-94.1	-92.4
31	-91.7	-91.0	-90.5	-90.7	-85.6	-75.0	-47.3	19.5	60.5	126.5	407.1	671.1	665.4	675.4	557.3	392.2	224.9	96.6	-58.0	-95.8	-93.4	-90.5	-89.1	-88.3
Média	-78.6	-79.5	-80.4	-81.3	-77.5	-59.1	-6.0	125.5	265.6	399.8	455.4	509.8	563.7	567.5	466.9	367.0	206.6	90.2	-31.2	-63.1	-66.3	-69.8	-73.1	-76.5

Calor sensível - Dezembro 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	10.0	8.5	8.7	10.4	5.6	6.8	9.2	30.2	41.5	55.0	42.4	23.7	27.5	15.8	15.9	14.0	11.5	7.6	2.7	2.2	3.1	8.5	9.6	11.0
02	12.0	4.8	5.8	4.1	12.9	4.5	3.7	20.2	31.5	37.9	42.0	34.8	29.8	23.4	12.3	5.6	3.3	0.8	-0.5	4.4	7.7	11.5	4.9	6.9
03	7.7	14.5	22.4	23.1	41.1	42.1	36.2	53.6	78.4	73.5	40.5	40.8	22.6	3.0	6.0	3.1	-0.2	-5.4	-0.3	0.0	0.0	0.0	0.0	0.0
04	0.0	0.1	0.1	0.1	0.1	0.1	0.1	15.3	6.9	16.0	14.3	10.5	6.9	3.0	3.8	-2.4	-9.7	-5.9	-9.4	0.0	1.0	1.7	0.9	2.7
05	0.1	0.1	0.1	0.1	1.5	1.7	4.6	30.2	39.1	60.6	42.9	14.1	13.2	7.5	6.2	4.1	1.5	-4.6	-6.2	1.0	4.0	4.6	4.3	3.6
06	2.5	3.0	0.2	0.1	8.8	10.3	39.1	65.1	55.5	76.2	52.0	35.5	19.5	12.2	6.5	-1.9	-10.0	-16.8	-10.8	-0.2	0.0	0.0	7.0	0.0
07	3.9	3.0	2.9	5.4	7.4	10.3	7.1	64.9	69.0	76.1	68.6	50.1	49.0	23.5	17.6	8.0	-0.1	-9.6	-10.9	-0.4	5.6	4.2	0.0	0.0
08	0.3	0.1	0.1	0.1	0.1	0.1	57.3	76.7	39.1	82.4	55.1	31.1	11.0	3.5	-6.6	-18.3	-14.0	-8.0	-2.3	0.3	1.3	1.5	8.3	13.8
09	17.5	19.7	22.6	24.1	22.7	24.5	68.8	66.5	67.1	79.4	34.9	-6.0	-41.4	-21.7	1.3	24.8	22.2	26.9	29.3	13.5	10.9	8.5	5.7	5.5
10	6.8	4.7	4.3	4.2	0.3	0.0	0.5	2.2	5.3	6.9	5.4	5.8	10.2	13.3	20.7	18.6	13.2	8.6	4.6	0.6	10.3	11.5	1.8	0.1
11	0.1	0.1	14.0	13.5	11.3	11.0	31.5	31.0	25.7	13.3	13.1	12.8	20.8	23.1	24.2	25.9	30.4	27.2	6.2	7.0	3.2	0.1	18.8	17.3
12	17.2	14.1	12.6	11.2	8.1	4.6	6.4	-0.1	-4.6	-8.4	1.6	19.0	37.4	37.8	34.8	38.0	11.8	11.3	10.6	12.7	12.7	10.7	11.2	11.7
13	11.4	6.6	7.0	7.1	6.0	5.1	3.6	24.0	15.4	4.4	1.4	-0.7	-5.1	6.7	20.4	40.0	52.5	38.6	25.3	17.5	13.7	10.4	6.2	5.5
14	1.8	2.0	0.1	0.1	0.0	0.0	0.0	8.5	4.8	-1.3	19.0	35.6	58.0	61.0	2.4	7.2	15.0	14.9	2.4	0.1	0.1	0.1	0.1	0.1
15	0.1	0.1	0.6	0.8	0.0	0.0	6.8	13.8	3.5	-2.9	-7.2	-9.7	-12.1	2.4	21.2	35.2	15.1	18.9	16.0	0.1	0.1	0.1	0.1	7.0
16	5.8	0.1	0.1	0.1	0.1	0.0	1.6	16.9	3.3	-8.3	-3.2	0.4	4.9	27.5	41.7	54.6	34.4	16.4	13.1	7.4	4.1	1.6	4.3	0.5
17	0.1	2.3	1.3	0.1	0.1	0.0	0.0	9.4	1.7	-10.5	-7.9	-6.0	-5.1	14.4	37.6	59.6	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
18	0.1	0.1	0.1	0.1	0.1	0.0	0.0	2.0	-2.2	-6.8	-11.7	-6.5	-7.4	-5.8	3.8	1.0	0.0	28.4	0.0	0.0	0.1	0.1	0.1	0.1
19	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	-0.3	-2.1	0.0	-0.7	-11.5	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
20	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
21	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
22	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
23	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
24	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
25	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
26	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
27	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
28	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1
29	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
30	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1
31	0.1	0.1	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Média	3.2	2.7	3.3	3.4	4.1	3.9	8.9	17.1	15.5	17.5	13.0	9.2	7.4	8.1	8.7	10.2	5.7	4.8	2.3	2.2	2.5	2.4	2.7	2.8

Calor latente - Dezembro 2012 - Lago Carioca																								
Dia	00h	01h	02h	03h	04h	05h	06h	07h	08h	09h	10h	11h	12h	13h	14h	15h	16h	17h	18h	19h	20h	21h	22h	23h
01	31.5	26.2	26.6	31.2	18.3	23.6	33.0	109.9	153.3	205.7	183.8	125.6	187.0	107.8	114.7	103.4	84.1	54.8	17.7	10.5	12.3	30.3	32.0	34.8
02	36.2	14.7	18.2	12.7	43.6	16.2	14.4	84.4	139.4	181.2	232.0	232.4	250.1	217.1	138.0	96.1	59.6	35.5	13.9	27.7	31.4	39.3	15.8	20.6
03	22.1	40.8	62.0	62.9	122.8	134.4	123.0	192.1	293.6	290.1	197.4	265.5	229.8	35.5	90.8	83.8	33.0	38.2	0.3	0.0	0.1	0.1	0.1	0.1
04	0.1	0.2	0.2	0.2	0.2	0.2	0.2	63.4	31.3	79.1	86.5	82.1	78.1	47.1	115.1	96.4	110.3	26.1	5.2	0.0	6.3	6.6	3.2	8.9
05	0.2	0.2	0.2	0.2	4.7	5.8	17.5	123.6	169.0	279.2	242.9	105.2	144.3	94.7	91.6	76.0	78.0	104.6	23.1	19.5	21.4	17.8	14.5	11.3
06	7.3	8.9	0.6	0.2	27.4	34.0	135.9	250.3	239.3	374.1	324.9	315.3	300.8	259.9	270.5	233.2	167.2	89.8	6.6	1.0	0.0	0.1	27.1	0.1
07	12.2	9.3	8.9	16.2	23.6	35.0	25.3	254.3	294.4	360.5	383.9	335.2	414.7	247.0	250.0	214.1	207.9	119.8	29.2	9.5	46.9	19.2	0.1	0.1
08	1.1	0.2	0.2	0.2	0.2	0.2	211.2	297.9	158.3	350.5	315.4	280.0	278.9	247.3	212.3	162.1	154.2	106.5	60.2	25.3	17.4	11.4	39.8	55.8
09	62.4	68.4	76.6	80.0	78.8	89.5	259.6	292.4	338.1	446.8	394.8	295.8	240.3	249.6	230.1	238.1	125.4	106.8	92.0	42.1	33.2	25.8	17.3	16.4
10	20.4	14.3	13.0	12.8	1.1	0.2	2.2	12.5	42.3	85.4	70.0	77.0	146.6	116.2	128.0	89.0	66.5	43.9	24.4	2.4	36.9	35.5	5.5	0.2
11	0.2	0.2	42.3	40.2	38.5	44.4	159.9	176.9	171.3	108.7	105.1	101.7	168.0	154.7	137.1	124.8	127.9	102.4	21.3	23.2	10.3	0.2	57.9	52.1
12	51.4	42.5	38.6	34.6	33.1	30.4	135.0	44.7	90.1	83.2	140.0	155.0	168.9	149.3	122.6	120.8	37.2	35.1	32.5	38.9	39.1	32.9	34.1	35.5
13	34.3	20.0	21.2	21.4	20.0	19.1	15.6	139.7	134.5	89.1	74.6	121.8	173.6	186.7	188.7	227.3	255.0	161.3	94.8	63.2	47.8	35.3	20.6	18.1
14	5.7	6.4	0.2	0.2	0.2	0.2	0.2	85.2	101.3	173.4	178.9	169.3	192.6	203.8	8.1	24.5	46.2	44.4	7.1	0.2	0.2	0.2	0.2	0.2
15	0.2	0.2	1.9	2.6	0.2	0.2	57.9	192.5	152.1	116.8	163.2	157.0	159.3	187.8	219.4	206.0	72.2	75.3	55.1	0.2	0.2	0.2	0.2	21.6
16	17.3	0.2	0.2	0.2	0.2	0.2	14.4	261.6	236.2	242.0	228.5	206.4	228.5	224.1	190.2	177.0	108.7	51.2	40.0	22.4	12.4	4.8	12.9	1.4
17	0.2	6.8	4.0	0.2	0.2	0.2	0.2	143.9	223.5	206.4	170.7	160.8	168.0	136.2	170.4	189.0	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
18	0.2	0.2	0.2	0.2	0.2	0.2	0.2	57.4	98.9	90.8	122.3	56.7	54.6	105.0	116.4	7.9	0.2	130.3	0.2	0.2	0.2	0.2	0.2	0.2
19	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	18.9	43.8	0.2	12.7	184.7	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2
20	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
21	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2
22	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2
24	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2
25	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.4	0.3	0.3	0.2	0.2	0.2
26	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
28	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3
29	0.3	0.3	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
30	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
31	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2
Média	9.9	8.5	10.3	10.3	13.4	14.1	39.0	89.9	99.6	122.9	116.7	105.1	121.7	95.9	90.2	79.8	56.0	42.9	17.0	9.3	10.3	8.5	9.2	9.0