

Radiação Líquida Janeiro de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-53.3	-54.1	-54.4	-55.2	-56.0	-52.5	-41.8	-21.8	52.4	144.7	80.6	324.2	184.1	215.4	263.3	452.5	97.0	8.8	-21.7	-39.7	-41.3	-43.1	-44.8	-47.4
02	-49.1	-51.5	-54.4	-57.4	-56.8	-53.7	-43.2	-22.3	-8.3	73.8	108.4	310.6	348.4	81.2	-36.1	35.0	3.8	-3.5	-40.3	-47.7	-48.6	-48.6	-49.9	-50.3
03	-51.6	-52.3	-54.3	-55.6	-55.6	-54.2	-44.8	-25.7	20.3	66.8	177.4	609.4	494.9	520.4	754.2	632.9	234.8	8.1	-26.6	-40.1	-51.3	-61.8	-62.9	-64.7
04	-66.4	-66.4	-65.8	-65.8	-66.4	-61.1	-52.3	-21.2	141.0	321.2	372.0	23.3	122.2	34.1	-21.9	164.6	65.9	291.3	-38.1	-53.2	-53.6	-54.0	-55.1	-56.8
05	-57.9	-59.2	-59.7	-61.0	-62.2	-62.6	-50.8	32.5	-25.7	273.5	414.7	835.9	795.0	718.9	722.4	236.1	-9.4	-20.6	-4.1	-40.7	-46.3	-52.4	-55.4	-59.1
06	-61.5	-62.1	-62.7	-63.4	-63.4	-56.1	-34.2	-43.2	-36.3	35.4	40.7	55.8	283.9	222.9	275.8	41.3	14.1	-5.4	-44.2	-53.8	-54.2	-53.2	-53.1	-54.3
07	-54.8	-58.5	-61.6	-65.2	-66.4	-61.7	-52.3	-3.8	-35.0	116.8	199.0	257.5	364.5	274.3	272.0	452.7	71.3	-24.0	-36.6	-43.5	-45.1	-48.2	-51.2	-55.0
08	-57.9	-57.3	-57.3	-57.3	-58.6	-56.6	-47.9	-22.5	-34.6	21.5	27.1	125.7	52.4	20.4	42.9	23.3	5.3	-14.6	-45.2	-54.6	-54.6	-53.8	-54.3	-54.9
09	-55.4	-45.3	-34.9	-23.9	-38.9	-46.3	-20.2	29.2	15.0	20.4	-26.5	86.3	182.4	-13.9	66.0	50.4	34.3	-45.6	-39.5	-64.3	-64.7	-65.9	-65.3	-64.6
10	-64.6	-66.9	-68.6	-70.9	-69.1	-65.7	-56.6	-11.2	162.6	210.1	678.4	465.5	296.1	841.5	673.6	511.9	161.5	65.7	-13.8	-49.5	-50.7	-52.4	-59.4	-67.2
11	-74.5	-71.6	-69.3	-65.7	-65.7	-58.9	-37.3	-8.4	99.6	484.7	290.7	291.2	12.4	447.5	778.6	136.6	120.9	32.6	-25.0	-36.9	-35.7	-35.7	-43.6	-51.4
12	-59.5	-63.6	-66.9	-70.9	-70.9	-66.2	-46.6	12.9	46.3	157.7	448.6	583.4	666.6	752.5	455.9	486.6	383.7	92.1	-10.1	-47.8	-49.5	-53.7	-55.1	-57.9
13	-59.4	-61.4	-63.7	-65.2	-64.6	-58.2	-33.3	38.6	196.4	219.5	370.8	294.2	190.2	758.1	400.7	356.3	166.0	64.1	-22.5	-42.4	-42.9	-44.4	-50.4	-55.5
14	-61.6	-64.4	-65.9	-68.7	-69.9	-58.9	-29.2	24.1	159.5	227.2	198.6	334.7	644.6	745.6	103.0	414.4	262.3	29.4	-13.4	-37.7	-41.6	-46.9	-50.5	-54.3
15	-58.3	-62.1	-66.1	-70.5	-71.1	-66.8	-40.6	80.4	262.2	259.0	481.8	732.6	779.3	667.9	636.9	515.0	371.0	208.9	-28.3	-40.2	-41.3	-43.8	-48.9	-57.9
16	-69.7	-70.5	-71.0	-71.3	-73.0	-69.4	-49.5	117.2	154.5	264.3	315.1	661.2	688.3	666.2	613.9	330.0	394.2	182.0	-18.4	-45.7	-49.5	-54.8	-58.4	-61.4
17	-66.1	-71.1	-74.8	-80.0	-81.7	-75.2	-63.2	33.3	313.8	201.5	676.8	686.4	702.5	696.3	650.5	540.9	369.7	198.2	6.5	-56.3	-64.1	-70.5	-71.3	-73.0
18	-75.3	-79.0	-82.7	-86.4	-85.8	-72.2	-27.2	114.2	161.9	589.1	250.6	384.7	699.0	676.4	618.3	506.2	354.7	186.7	8.5	-57.4	-60.1	-66.0	-70.7	-75.3
19	-80.9	-80.3	-80.6	-80.2	-80.8	-71.5	-48.8	-36.2	169.4	205.5	240.2	755.1	181.4	493.9	677.7	518.3	365.7	192.4	-24.0	-60.1	-64.4	-70.7	-69.0	-68.2
20	-67.2	-69.3	-70.6	-72.0	-72.6	-67.7	-1.6	173.8	413.3	624.2	111.2	739.1	685.4	676.7	595.2	437.5	181.7	282.9	24.4	-57.5	-57.5	-56.9	-60.8	-68.5
21	-80.7	-79.8	-78.8	-78.0	-75.8	-64.8	-17.5	202.4	383.0	300.1	296.5	449.5	730.3	755.4	675.4	487.5	419.1	223.7	36.8	-63.2	-67.4	-73.1	-72.3	-71.8
22	-71.5	-74.7	-78.8	-82.8	-79.2	-69.2	-23.5	71.1	260.0	662.0	537.2	608.1	472.6	172.8	664.5	584.6	397.7	154.2	36.6	-54.8	-58.1	-60.8	-66.4	-72.4
23	-79.2	-78.4	-77.4	-77.3	-76.1	-69.9	-51.9	21.1	10.5	224.6	293.7	194.7	334.7	266.8	504.3	483.3	362.9	183.7	7.9	-64.4	-68.7	-73.4	-73.5	-74.7
24	-75.3	-75.1	-73.6	-72.9	-73.7	-68.3	-45.9	33.7	121.8	86.2	366.8	325.3	406.5	672.0	435.4	554.5	432.0	289.4	48.9	-60.1	-59.5	-58.9	-61.9	-68.5
25	-76.1	-75.9	-75.4	-75.3	-73.9	-70.1	-40.7	43.4	422.1	624.4	733.4	233.6	704.5	669.7	618.3	529.9	390.9	210.7	30.1	-53.7	-54.6	-57.9	-60.5	-65.9
26	-70.7	-75.1	-78.9	-83.3	-85.0	-83.3	-76.2	25.2	175.2	138.9	226.8	745.1	772.1	729.5	641.3	543.9	410.7	190.4	-35.4	-54.6	-58.6	-63.5	-67.0	-70.4
27	-74.2	-74.4	-74.7	-75.2	-76.2	-74.2	-50.0	25.4	81.6	261.9	225.5	692.0	789.0	684.9	679.5	536.7	402.2	200.0	-17.6	-54.7	-56.5	-58.6	-63.5	-70.3
28	-78.4	-78.0	-78.4	-78.1	-76.3	-72.9	-60.9	15.7	120.6	108.2	198.3	393.3	429.3	829.1	322.8	93.6	-47.9	-47.7	-41.6	-57.1	-61.9	-67.2	-67.7	-69.5
29	-70.8	-71.8	-73.1	-74.1	-72.3	-69.0	-56.1	19.9	110.5	467.9	383.4	378.4	533.4	138.8	210.2	167.7	103.5	21.2	-46.6	-51.6	-56.2	-61.0	-62.3	-62.3
30	-63.4	-69.6	-75.6	-80.9	-80.3	-80.3	-57.6	-30.3	-10.4	-22.6	397.3	334.9	729.5	780.4	591.7	592.6	401.6	197.0	-25.8	-57.0	-57.1	-57.0	-59.8	-63.7
31	-67.3	-67.1	-67.5	-67.9	-67.8	-69.0	-48.6	27.1	171.1	130.1	330.5	119.2	318.0	417.3	755.3	260.8	50.3	-34.6	-40.4	-54.9	-60.2	-65.7	-74.9	-83.8
Média	-66.2	-67.3	-68.3	-69.4	-69.9	-65.4	-43.6	28.9	131.4	241.9	304.7	420.4	470.8	503.6	472.3	376.7	224.9	107.0	-14.8	-51.5	-54.1	-57.2	-60.0	-63.6

Calor sensível Janeiro de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	4.7	2.0	4.7	7.6	19.0	7.7	10.4	12.8	8.7	26.8	16.1	42.0	19.4	16.2	21.3	12.6	3.2	5.3	0.6	5.7	28.0	9.7	16.3	22.2
02	20.4	4.8	2.1	3.6	1.8	28.5	21.5	0.4	0.2	0.9	13.3	4.7	19.6	8.5	20.7	0.5	12.7	12.4	0.4	0.6	0.4	0.4	3.6	0.2
03	7.9	1.2	1.3	2.8	1.3	0.2	7.3	8.4	9.7	9.5	3.3	14.8	2.3	17.6	21.0	2.1	3.1	10.5	2.0	7.6	10.7	18.0	25.3	29.9
04	20.2	22.4	23.1	24.5	25.9	25.3	26.1	27.6	25.3	24.1	14.2	15.8	15.9	21.2	24.8	14.0	17.4	21.6	26.9	30.8	29.4	31.0	33.8	34.6
05	35.3	46.5	40.8	38.4	40.1	41.0	47.0	41.8	39.4	41.3	32.1	24.8	39.6	18.2	8.6	12.4	2.7	1.3	0.0	6.8	14.0	19.8	22.0	24.8
06	25.0	25.5	25.7	26.3	26.3	25.9	25.4	26.1	27.3	26.9	26.0	22.6	24.1	19.8	19.2	23.8	22.2	20.3	19.9	19.4	20.6	21.1	24.7	24.2
07	23.7	26.1	27.0	30.0	29.3	30.0	30.9	29.4	28.4	27.3	32.1	40.5	31.3	20.1	15.2	9.0	7.9	7.5	6.7	12.4	16.6	24.3	28.5	33.3
08	36.1	55.0	6.7	8.5	7.1	14.3	8.6	10.8	10.5	10.7	10.5	8.1	8.7	8.2	8.1	7.8	7.7	8.7	8.1	8.7	9.1	8.7	11.6	13.0
09	10.7	7.9	5.4	3.7	6.4	9.7	12.6	12.1	11.3	11.7	13.0	12.5	17.3	12.8	11.3	9.5	8.1	11.5	14.4	10.7	13.5	12.8	12.4	12.9
10	14.0	15.4	17.6	16.8	16.8	17.0	18.4	19.5	19.8	19.9	6.2	12.7	14.6	11.4	10.3	2.6	3.7	5.6	6.6	8.2	10.2	13.9	18.1	23.9
11	29.3	28.1	26.9	25.5	25.5	25.5	25.2	24.6	24.8	28.3	17.3	16.1	16.9	15.8	10.8	7.2	8.8	10.7	12.2	11.2	10.1	9.7	13.7	18.8
12	24.7	26.6	29.3	32.5	34.5	33.0	31.5	29.9	30.5	29.0	31.6	25.3	23.6	12.3	10.8	13.3	6.8	1.9	-0.7	6.0	13.0	21.1	23.2	25.8
13	28.9	30.1	33.9	36.9	31.9	31.0	31.1	31.9	38.5	45.3	31.7	23.0	16.1	17.2	15.6	14.8	12.0	5.4	1.4	4.1	6.3	8.6	12.9	17.7
14	21.6	24.0	23.7	26.2	88.9	90.5	89.1	85.3	80.0	82.9	60.3	43.0	29.5	16.1	4.8	-1.6	-0.8	-2.6	-0.4	0.0	0.0	0.1	0.1	0.1
15	0.1	0.2	0.2	0.2	0.2	13.1	9.3	3.9	34.5	17.0	7.8	13.8	3.9	2.8	2.9	-2.2	-2.0	-6.0	-0.1	-1.0	0.0	0.0	0.5	0.1
16	0.2	0.2	4.7	7.2	8.4	15.3	3.0	6.0	28.6	14.6	36.6	16.6	11.1	3.8	5.0	0.4	-0.2	-3.5	-0.8	0.0	0.0	0.1	0.1	0.1
17	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	0.1	0.2	0.3	-0.1	-0.5	-0.1	0.0	0.3	0.9	1.4	1.7	4.1
18	2.8	7.3	19.0	8.1	4.2	11.0	4.2	2.8	3.7	31.3	11.9	8.8	4.1	2.1	5.9	0.5	1.0	-0.9	-1.9	0.2	2.4	2.0	2.6	3.2
19	5.8	9.0	12.3	8.1	25.8	7.8	18.5	10.8	25.1	56.0	22.5	9.0	17.5	6.8	18.2	10.6	2.4	0.0	-2.9	0.6	2.3	3.1	3.4	3.9
20	4.4	4.5	13.5	6.2	7.8	5.2	5.1	3.9	20.1	13.7	33.6	12.4	3.5	4.5	3.1	0.5	0.2	0.0	-5.4	-1.5	-3.4	-0.7	1.0	3.0
21	4.3	9.6	5.7	4.4	4.5	4.3	16.5	1.8	0.6	1.9	19.1	21.2	8.3	17.8	1.7	6.0	0.1	0.2	-0.1	0.2	0.9	1.8	2.4	4.7
22	4.6	7.8	7.7	25.1	15.4	5.3	6.3	6.6	5.0	9.4	43.4	2.5	2.1	1.1	11.4	4.9	0.3	0.3	-2.1	1.8	8.5	7.5	17.6	9.9
23	11.4	34.0	39.9	13.5	10.4	7.8	6.6	5.9	7.7	4.5	25.4	16.3	3.6	1.7	0.6	1.5	0.9	1.1	-0.7	1.7	1.0	1.2	4.0	1.9
24	1.6	5.2	10.5	5.6	0.9	4.9	1.1	0.6	10.0	19.2	36.7	2.4	0.6	3.7	8.2	1.3	7.2	4.5	1.4	0.2	0.1	0.3	1.4	3.8
25	2.7	13.6	0.2	0.9	1.2	0.2	6.9	0.2	76.9	56.8	31.7	0.1	21.3	0.1	0.9	1.0	0.4	-0.2	-0.9	0.0	0.5	1.3	0.1	0.1
26	0.2	0.2	0.2	13.5	10.5	0.3	2.4	0.4	10.7	2.2	8.9	23.2	1.9	4.6	5.1	0.1	0.0	1.2	0.0	0.0	0.1	0.1	0.1	0.2
27	0.2	0.2	0.2	0.2	0.2	0.2	0.4	39.1	18.0	49.1	12.7	26.6	0.9	2.1	9.2	0.0	-0.3	-2.0	-2.0	0.0	0.2	0.1	0.1	0.2
28	0.2	0.2	0.2	0.2	0.2	5.5	2.1	0.2	0.2	0.2	18.7	39.2	31.3	17.8	25.4	1.3	6.2	5.4	1.9	0.3	0.4	0.6	14.9	9.5
29	0.6	2.8	12.3	0.4	0.3	1.0	5.8	13.0	29.4	33.3	70.7	29.1	25.2	39.4	6.3	4.2	5.9	2.9	3.5	0.1	7.0	46.2	23.4	15.6
30	26.4	1.2	6.8	23.9	1.1	32.0	6.9	3.8	1.7	13.1	1.3	15.1	8.9	28.1	16.1	15.9	28.6	10.5	9.7	0.9	1.2	1.5	1.9	2.1
31	2.4	2.1	2.2	2.2	2.0	2.0	2.1	1.2	16.9	47.8	6.6	15.9	9.1	0.1	34.9	18.3	8.5	0.1	1.4	0.2	0.4	0.6	2.6	0.6
Média	11.9	13.3	13.0	13.0	14.5	16.0	15.6	14.9	20.8	24.4	22.4	18.0	13.9	11.4	11.5	6.2	5.6	4.3	3.2	4.4	6.6	8.6	10.5	11.1

Calor latente Janeiro de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	14.4	6.0	13.9	22.5	57.4	23.3	31.8	39.3	26.6	82.0	49.7	133.7	62.6	56.3	78.6	50.9	14.8	29.2	3.9	31.2	126.6	37.5	59.8	79.2
02	69.5	15.5	6.4	10.7	5.3	85.4	64.5	1.3	0.7	2.7	41.0	14.2	60.6	29.1	77.9	2.4	48.5	41.4	1.1	1.7	1.1	1.1	11.1	0.6
03	23.3	3.6	3.7	8.3	3.8	0.7	21.3	24.3	27.5	26.8	9.6	43.8	7.1	66.3	98.0	14.8	26.0	129.0	41.3	42.7	40.1	52.6	71.6	83.2
04	54.6	60.6	62.6	66.4	69.5	66.5	68.3	72.1	66.1	63.2	42.6	53.7	64.7	98.4	139.2	98.9	91.2	88.6	92.2	102.6	94.8	96.7	101.4	100.3
05	98.5	129.1	112.6	105.3	109.4	109.3	124.1	111.0	105.1	111.4	93.3	77.6	131.6	77.1	49.3	119.8	41.0	56.8	59.0	58.6	63.3	62.1	65.9	72.6
06	70.6	71.4	71.6	72.5	72.5	70.2	68.8	70.9	74.6	73.8	72.6	65.6	71.4	61.4	63.6	83.0	77.6	70.6	69.5	64.3	66.2	64.3	73.1	70.9
07	67.7	73.2	74.1	81.0	78.6	78.6	80.7	77.1	74.8	72.4	90.6	124.3	104.0	77.1	71.9	53.8	55.3	60.3	64.1	70.4	66.3	76.1	84.9	96.8
08	100.8	153.4	18.6	23.8	19.6	39.3	23.4	29.1	28.0	28.1	28.6	22.5	25.3	23.8	24.2	23.8	23.4	26.5	24.6	25.9	27.2	25.4	32.7	36.4
09	29.1	22.7	17.4	13.4	19.7	26.9	32.5	31.3	29.5	30.9	35.0	34.3	49.2	37.8	35.4	31.2	25.0	33.2	39.8	29.3	36.3	34.0	32.9	33.7
10	36.5	39.8	44.2	41.8	42.0	42.8	46.2	49.1	49.8	50.5	18.1	43.8	62.7	62.5	83.6	36.0	40.9	53.5	62.0	60.1	60.5	66.5	65.5	71.0
11	75.3	72.2	70.0	65.8	65.8	65.6	64.9	63.3	63.9	73.2	51.3	56.2	72.4	84.0	73.0	61.1	60.7	59.1	55.3	51.3	47.6	45.8	50.6	59.4
12	69.6	71.5	75.4	80.7	85.8	81.7	78.1	74.6	77.5	74.5	90.3	82.1	88.0	53.6	54.3	86.6	72.1	62.0	86.2	84.7	81.3	81.2	82.4	86.8
13	91.0	89.0	96.5	99.6	85.9	83.2	83.3	85.5	101.8	120.0	102.3	98.7	103.8	112.1	101.2	98.2	102.8	86.0	68.1	58.6	49.8	45.3	53.3	60.5
14	64.9	69.3	65.0	69.3	234.0	233.1	228.1	220.6	209.7	219.7	196.3	181.9	184.7	159.8	135.4	70.7	15.1	29.7	3.0	0.4	0.4	0.4	0.4	0.4
15	0.5	0.5	0.5	0.5	0.5	33.8	23.9	10.5	95.7	49.9	28.6	67.7	27.9	34.5	110.6	56.2	45.3	122.0	2.3	15.0	0.5	0.6	9.7	0.5
16	0.6	0.6	13.6	20.1	23.0	41.0	7.9	16.3	81.2	42.9	132.6	76.9	75.0	36.3	80.6	23.7	30.0	96.2	11.1	0.5	0.5	0.5	0.6	0.6
17	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	2.8	11.4	11.0	75.7	12.1	2.0	5.9	8.3	8.5	8.1	15.8
18	8.8	21.7	53.6	21.8	11.3	29.4	11.1	7.8	10.6	91.4	41.0	37.9	22.7	16.2	71.1	13.2	70.1	64.6	44.2	8.3	25.7	11.9	12.0	12.1
19	18.6	27.4	35.9	22.5	71.3	21.2	49.8	30.0	71.4	165.9	79.5	40.4	106.2	53.4	196.8	179.2	85.6	67.7	85.0	20.1	22.7	17.8	16.8	16.1
20	16.1	16.6	49.6	22.8	28.4	18.7	18.1	13.2	64.2	41.9	128.8	63.6	27.1	42.7	38.2	9.0	8.1	19.5	151.1	37.4	86.2	16.9	14.4	15.0
21	13.5	29.4	16.9	12.6	13.1	13.1	51.5	5.6	1.9	5.8	71.2	100.5	54.9	152.1	19.0	98.7	2.3	17.7	3.6	3.4	7.7	9.9	11.6	20.1
22	17.5	26.5	24.0	71.7	44.0	15.2	18.1	19.0	14.2	26.9	145.5	10.1	11.1	8.0	126.0	122.5	12.2	163.2	74.3	134.3	140.8	68.1	97.6	40.5
23	37.3	108.5	123.6	40.9	31.8	23.5	20.1	18.3	23.8	14.2	95.1	75.8	21.7	13.5	7.6	29.4	28.9	79.8	61.7	33.1	8.9	6.6	19.2	8.5
24	6.2	19.4	36.3	18.2	3.0	16.3	3.8	1.9	30.7	56.7	132.0	11.2	4.2	34.5	123.1	45.2	241.3	163.3	57.0	7.7	3.3	16.1	13.1	19.0
25	9.1	45.5	0.6	3.0	3.8	0.6	21.4	0.6	219.0	156.4	109.6	0.7	165.7	0.7	11.8	16.7	13.3	67.4	24.3	0.7	10.8	13.6	0.6	0.6
26	0.6	0.6	0.7	38.3	29.3	0.7	6.4	1.1	29.4	6.0	29.6	100.0	11.5	32.9	43.1	0.7	0.7	35.7	2.1	0.7	0.6	0.6	0.6	0.7
27	0.7	0.7	0.6	0.6	0.6	0.6	1.1	111.1	50.1	137.3	43.0	116.6	5.8	19.9	165.7	0.7	27.3	93.7	43.6	1.1	5.2	0.6	0.6	0.6
28	0.7	0.7	0.7	0.7	0.7	17.5	6.7	0.6	0.6	0.6	64.0	152.8	143.4	95.6	167.1	10.4	59.3	60.4	24.8	1.8	1.8	1.8	45.9	28.8
29	1.8	8.3	35.9	1.0	1.0	2.7	16.5	37.2	85.2	96.5	237.3	119.8	131.4	265.1	59.5	63.2	102.7	64.7	99.7	0.9	42.2	200.8	90.2	53.0
30	81.4	3.5	19.8	67.3	3.0	89.9	19.5	10.6	4.8	35.7	3.8	45.2	28.4	105.9	76.9	104.3	187.3	70.1	65.7	5.2	6.0	6.6	7.6	7.8
31	8.0	6.9	6.9	6.9	6.0	6.1	6.1	3.5	49.0	137.5	21.7	59.2	40.2	0.6	221.5	150.6	88.5	1.0	33.7	1.7	1.7	1.7	8.8	2.2
Média	35.1	38.5	37.2	35.8	39.4	43.1	41.9	39.9	57.0	67.6	73.7	68.1	63.4	61.7	84.4	57.0	57.2	65.3	47.0	31.0	36.6	34.6	36.9	35.3

Radiação Líquida Fevereiro de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-92.6	-84.9	-75.8	-68.1	-68.1	-67.5	-38.3	123.0	105.7	105.1	370.1	450.4	745.9	716.8	726.7	590.8	393.6	193.3	14.2	-59.6	-61.8	-66.6	-69.8	-75.0
02	-79.4	-77.4	-76.3	-73.7	-73.7	-68.0	-31.5	197.3	372.2	652.1	90.1	142.5	780.5	717.8	717.1	456.7	379.7	193.2	-40.8	-61.7	-61.0	-60.4	-61.9	-67.6
03	-77.7	-75.5	-73.1	-70.9	-72.3	-75.1	-43.1	145.5	416.1	387.2	429.7	289.4	212.7	753.8	706.6	498.9	449.6	331.5	-8.8	-63.7	-63.5	-64.1	-69.8	-75.1
04	-81.7	-84.5	-87.3	-89.5	-92.2	-94.3	-83.7	207.0	362.3	529.0	262.9	688.8	815.8	381.2	374.2	405.9	407.6	61.1	-32.7	-64.7	-67.2	-70.2	-74.7	-79.8
05	-86.0	-88.1	-90.8	-93.5	-92.9	-89.4	-75.9	97.1	356.8	659.2	657.6	692.1	729.5	694.6	653.7	547.8	374.6	180.3	-7.4	-66.9	-71.2	-76.9	-78.4	-82.5
06	-86.0	-85.7	-84.7	-83.8	-80.1	-77.1	-65.5	14.3	122.1	234.1	764.0	444.4	163.8	678.3	456.7	365.4	355.1	135.1	-13.9	-59.4	-64.5	-71.7	-75.7	-79.7
07	-84.9	-86.5	-88.2	-89.2	-90.1	-88.7	-69.1	8.6	224.7	566.6	653.7	685.0	698.5	700.6	647.6	553.6	385.0	210.3	28.8	-56.0	-62.3	-68.6	-72.6	-76.9
08	-82.9	-84.2	-84.9	-86.3	-86.3	-83.0	-62.5	106.8	340.3	533.4	628.0	679.4	709.8	706.7	643.5	531.3	377.9	187.5	-25.3	-60.9	-65.4	-69.1	-73.0	-76.5
09	-80.9	-83.4	-85.2	-87.8	-88.8	-87.3	-70.7	97.4	336.1	476.7	621.0	672.2	703.0	703.9	670.8	552.7	370.0	220.0	-23.5	-59.3	-59.0	-62.4	-66.4	-71.4
10	-75.9	-76.3	-76.4	-76.4	-78.6	-77.0	-54.5	89.2	312.5	486.8	531.9	661.2	677.2	696.2	694.2	546.6	405.2	29.9	-37.4	-63.7	-65.8	-70.2	-73.1	-76.2
11	-80.3	-80.1	-79.0	-78.8	-77.1	-75.3	-64.3	9.6	427.6	175.1	282.7	692.6	735.4	700.3	660.9	480.2	437.2	139.5	-19.3	-56.6	-61.2	-65.0	-66.6	-67.7
12	-70.1	-71.7	-71.9	-73.5	-71.0	-68.0	-60.7	-22.6	456.4	614.7	667.7	720.2	696.8	807.0	153.3	309.1	404.0	61.9	-18.8	-56.1	-57.5	-60.2	-61.9	-63.9
13	-66.9	-68.9	-71.8	-73.3	-73.2	-73.6	-66.0	-10.1	229.4	614.4	390.1	550.5	535.5	656.9	326.7	242.6	88.4	50.8	-30.0	-66.4	-69.8	-74.7	-77.8	-80.8
14	-84.3	-83.1	-81.3	-79.5	-82.3	-84.5	-79.0	5.3	235.3	552.5	241.0	699.4	737.7	242.1	656.4	417.4	340.2	144.7	87.6	-63.2	-61.8	-62.1	-68.3	-76.2
15	-83.9	-84.5	-85.0	-85.6	-89.2	-91.4	-79.1	-21.4	215.9	541.9	243.7	257.5	277.4	686.5	686.4	514.7	423.6	8.5	-42.5	-62.4	-62.9	-64.5	-65.8	-68.8
16	-71.6	-75.6	-78.6	-83.0	-84.0	-85.0	-81.0	-41.9	112.2	139.4	291.3	504.6	414.9	305.8	356.6	615.5	89.1	76.5	-32.7	-64.2	-63.3	-64.7	-68.0	-71.7
17	-75.6	-76.9	-76.7	-77.9	-77.3	-76.7	-66.5	17.1	149.6	190.6	732.1	659.1	674.6	517.0	199.7	626.8	423.7	128.5	-31.2	-69.6	-69.0	-71.5	-74.4	-76.7
18	-80.0	-80.6	-81.2	-81.8	-82.7	-85.1	-74.2	-29.5	139.9	516.5	214.4	-22.1	747.8	691.8	237.5	619.0	193.6	172.6	2.4	-61.7	-64.5	-66.6	-67.1	-67.7
19	-68.6	-73.3	-78.8	-83.9	-83.9	-82.6	-75.2	-24.0	92.8	251.6	445.4	698.8	142.3	567.6	405.6	458.1	269.7	49.9	-17.8	-65.2	-67.3	-69.0	-74.1	-78.0
20	-83.7	-85.9	-89.4	-91.5	-92.7	-91.9	-86.6	-29.6	234.6	394.1	242.3	428.6	254.4	486.0	338.0	508.6	134.1	18.1	-40.4	-67.9	-69.6	-73.1	-77.4	-82.4
21	-87.0	-88.6	-90.9	-91.9	-90.7	-89.7	-71.4	115.4	344.6	182.8	533.9	661.8	646.8	441.2	433.0	360.7	355.3	159.8	-20.4	-68.8	-72.1	-74.8	-78.2	-83.5
22	-88.5	-89.5	-91.1	-92.0	-89.8	-86.8	-76.0	91.3	453.8	210.3	620.8	722.0	754.2	737.6	502.2	385.9	510.7	67.0	-42.0	-62.2	-64.2	-66.8	-70.2	-73.0
23	-77.1	-79.6	-82.0	-85.2	-85.8	-84.1	-58.1	125.3	385.8	139.4	417.0	233.2	307.2	697.5	628.5	497.5	353.3	163.5	-34.6	-51.0	-55.0	-59.5	-64.1	-69.2
24	-74.8	-76.7	-77.3	-79.4	-80.4	-82.2	-80.1	41.3	105.4	621.5	393.8	329.2	582.7	445.4	265.7	529.2	406.4	212.2	2.5	-56.2	-61.2	-65.1	-67.7	-71.1
25	-74.5	-78.6	-81.1	-85.1	-86.8	-88.4	-78.9	-29.8	96.4	680.9	773.1	745.0	727.0	738.2	232.6	519.1	354.9	116.1	-49.1	-69.5	-74.9	-80.9	-81.2	-82.5
26	-84.3	-82.6	-80.9	-79.1	-79.9	-82.2	-70.6	77.1	274.5	555.7	674.5	684.8	696.8	685.8	637.5	495.7	337.2	158.4	-9.7	-64.9	-66.4	-71.1	-74.8	-79.7
27	-85.3	-87.0	-88.6	-90.4	-90.4	-89.8	-78.3	79.3	252.1	524.4	612.2	714.4	702.4	685.1	631.5	502.1	302.2	104.9	-64.1	-82.1	-85.8	-90.2	-91.9	-92.9
28	-94.1	-91.9	-89.6	-87.4	-88.4	-89.4	-80.2	63.9	61.5	454.4	684.6	792.3	711.1	694.4	613.1	507.4	330.3	134.7	-40.9	-61.0	-64.1	-69.6	-73.7	-79.3
29	-84.7	-87.2	-89.0	-91.6	-91.1	-90.8	-78.6	107.0	316.0	518.8	399.7	681.7	683.3	671.4	618.8	497.5	328.1	111.6	-56.5	-74.5	-79.6	-87.2	-90.5	-93.8
Média	-80.8	-81.7	-82.3	-83.1	-83.4	-82.9	-68.9	55.5	259.7	431.4	478.2	557.2	595.3	627.8	512.9	487.5	344.1	131.8	-20.8	-63.4	-65.9	-69.6	-72.7	-76.5

Qsens Fevereiro de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.6	0.6	1.2	25.8	0.9	0.6	4.1	0.3	8.1	10.8	16.4	0.1	26.7	3.3	16.4	7.8	1.6	-0.2	0.0	0.0	0.1	0.2	0.2	0.3
02	0.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.3	0.8	34.3	0.1	17.5	0.1	8.1	0.7	0.7	0.0	-0.3	0.0	0.0	-1.0	2.7	0.2
03	6.1	3.4	0.6	3.0	2.6	1.0	0.6	0.7	0.2	9.6	43.7	0.1	2.0	3.9	1.5	4.3	8.3	0.1	0.0	0.1	0.3	4.3	0.5	1.5
04	0.4	0.4	0.4	0.4	0.5	0.9	0.5	31.8	0.3	0.3	6.8	0.2	12.1	0.2	7.1	11.1	3.1	3.8	0.0	0.1	0.2	0.2	0.3	0.3
05	0.4	0.4	0.8	0.8	0.8	0.5	0.5	0.3	0.3	13.4	0.2	0.2	2.5	0.1	0.8	0.0	0.0	-0.2	0.0	0.0	0.1	0.1	0.2	0.2
06	0.2	0.2	0.2	0.2	54.4	22.6	0.3	0.4	0.4	0.4	0.2	7.1	12.2	0.1	0.1	0.5	0.0	0.0	0.0	0.1	0.1	0.2	0.3	1.0
07	1.1	1.5	1.6	2.0	2.1	2.1	1.7	1.3	0.8	23.4	35.4	4.9	25.0	13.6	1.3	0.0	0.0	-0.1	0.0	0.0	0.1	0.3	0.4	0.6
08	0.7	0.7	0.7	0.4	0.4	0.8	0.8	3.6	0.3	4.3	0.2	25.7	8.1	0.1	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.4	0.2	0.3
09	0.4	0.4	0.7	0.8	0.4	0.8	0.8	0.3	0.3	0.3	0.2	0.1	0.1	0.1	2.7	0.0	-0.1	-0.1	-13.3	0.0	0.1	0.2	0.4	0.4
10	0.5	0.6	0.6	0.6	0.7	0.7	0.7	0.2	10.8	35.1	32.9	0.2	3.0	2.4	3.6	0.8	0.9	0.0	-0.1	0.1	0.4	0.6	0.7	0.9
11	1.0	1.0	29.8	15.9	3.0	0.5	0.5	0.5	14.0	3.8	13.2	0.3	13.5	0.1	0.1	1.4	1.3	0.0	0.0	0.0	0.1	0.1	0.1	0.2
12	0.2	0.2	0.2	0.3	2.8	0.2	0.1	8.7	0.2	10.2	31.6	12.5	0.5	0.6	0.1	5.9	3.8	0.0	0.0	0.0	0.1	0.1	0.1	0.1
13	0.2	0.2	11.8	0.3	0.3	0.4	0.4	0.4	0.4	0.2	0.3	0.3	0.2	2.5	0.2	0.1	0.1	0.1	0.1	0.3	0.4	0.5	0.6	0.7
14	0.7	0.7	0.7	0.7	0.7	0.8	9.2	0.8	2.0	0.2	0.6	13.0	14.2	12.0	11.8	21.0	0.1	0.1	0.0	0.1	0.1	0.2	0.5	0.6
15	0.8	0.8	0.8	0.4	0.8	0.5	0.9	0.5	0.5	0.3	0.2	0.2	18.9	0.1	0.1	0.1	0.1	3.6	0.1	0.1	0.2	0.2	0.5	0.6
16	0.6	0.6	0.7	0.7	0.7	0.7	0.8	0.8	0.8	0.2	0.4	0.3	43.2	0.1	0.2	0.1	0.1	0.1	0.1	0.2	2.6	0.2	0.3	0.3
17	0.4	0.4	0.4	0.4	0.4	0.4	0.4	6.3	0.2	0.2	0.2	0.2	0.2	8.1	0.1	0.1	0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.1
18	0.2	31.4	0.2	0.4	0.2	0.2	0.2	0.3	0.3	0.3	0.2	19.9	4.0	0.1	0.2	0.1	3.6	0.3	0.0	0.1	0.2	0.2	0.3	0.3
19	0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	0.3	2.4	0.2	6.5	0.1	0.1	0.0	0.0	0.1	0.2	0.5	0.3	0.3
20	0.4	0.4	0.4	0.5	62.6	0.5	0.5	0.4	0.3	1.5	21.9	0.3	8.3	0.1	0.1	5.7	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.2
21	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	2.3	14.3	11.5	16.6	7.8	0.1	0.1	2.6	0.0	0.1	0.1	0.1	0.2	0.2
22	0.2	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	0.2	7.2	9.6	0.1	0.1	0.4	2.3	1.7	0.0	0.0	0.0	0.1	0.1	0.1	0.2
23	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.3	0.3	15.4	24.7	7.8	11.3	0.6	7.0	5.2	3.3	-1.7	0.0	0.0	0.0	0.1	0.1	0.2
24	0.2	0.2	0.2	0.2	3.9	27.3	59.9	0.2	8.1	23.1	24.0	18.5	16.8	8.2	0.9	2.0	0.3	2.5	0.0	0.1	0.1	0.1	0.1	0.2
25	0.2	0.2	0.2	0.2	5.4	14.7	7.3	0.2	8.2	9.6	7.7	7.6	43.5	5.7	2.5	2.4	0.6	0.0	0.0	0.0	0.1	0.2	0.2	5.9
26	0.2	0.2	0.2	0.2	0.2	0.2	12.1	7.9	22.2	10.4	12.2	2.0	5.9	13.9	6.8	0.6	-1.3	-1.3	0.0	0.0	0.1	0.1	0.1	2.5
27	0.2	0.2	0.2	4.0	0.3	0.3	3.2	0.3	13.1	35.4	1.0	5.6	8.4	1.9	1.7	0.0	0.1	0.1	0.2	0.2	0.2	0.2	0.3	8.9
28	0.3	17.5	6.7	0.4	3.5	11.9	22.3	13.0	35.4	58.3	18.7	23.9	6.3	13.8	0.1	3.3	2.0	0.0	-0.9	0.0	0.1	0.6	0.9	0.2
29	0.2	7.4	4.7	8.7	6.5	6.8	16.7	2.4	20.0	42.5	65.6	21.7	16.6	8.4	13.9	7.5	1.0	0.0	0.0	0.1	0.1	0.9	21.3	0.2
Média	0.6	2.5	2.3	2.4	5.4	3.3	5.0	2.9	5.1	10.7	13.9	6.8	11.6	4.0	3.5	2.9	1.1	0.3	-0.5	0.1	0.2	0.4	1.1	1.0

Q1at Fevereiro de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	2.5	2.2	3.9	74.2	2.6	1.7	11.6	0.9	22.9	29.9	54.5	0.6	146.3	23.9	172.0	150.8	58.0	102.6	1.2	1.2	1.1	1.1	1.1	1.1
02	1.1	1.1	1.1	1.0	1.0	1.0	1.1	0.6	1.1	3.0	154.3	0.7	134.9	0.7	129.8	24.4	41.4	7.1	26.1	1.3	2.3	54.7	32.4	1.1
03	19.3	11.0	1.9	10.4	8.5	3.0	1.9	2.0	0.7	26.5	151.7	0.7	15.1	34.3	16.2	54.3	105.1	0.8	0.7	1.2	2.0	22.4	2.0	5.1
04	1.1	1.2	1.2	1.2	1.2	2.2	1.3	81.2	0.8	0.8	21.5	0.7	74.7	1.2	56.0	101.7	33.5	51.6	0.7	1.2	1.1	1.1	1.1	1.1
05	1.2	1.2	2.2	2.3	2.2	1.2	1.2	0.7	0.7	35.7	0.7	0.7	16.2	1.2	10.7	0.8	0.8	42.0	0.8	0.8	0.8	0.8	0.8	0.8
06	0.7	0.7	0.7	0.7	161.9	68.1	1.0	1.0	1.1	1.1	0.6	26.2	55.8	0.6	1.1	8.4	0.7	0.7	0.7	1.2	1.1	1.2	1.2	3.3
07	3.4	4.4	4.5	5.7	5.7	5.7	4.5	3.4	2.2	64.4	115.4	19.8	135.4	102.2	15.8	0.7	0.7	2.2	0.7	1.2	1.2	2.2	2.2	2.2
08	2.2	2.2	2.2	1.2	1.2	2.2	2.2	9.9	0.7	11.8	0.7	122.0	68.6	0.7	0.7	0.7	0.8	0.7	0.8	1.3	1.3	2.3	1.2	1.2
09	1.2	1.3	2.3	2.3	1.3	2.3	2.3	0.8	0.8	0.8	0.7	0.7	0.7	79.9	61.7	6.2	2.6	194.6	2.5	2.3	2.2	2.2	2.2	2.2
10	2.2	2.2	2.2	2.1	2.1	2.2	2.2	0.7	31.7	102.0	123.5	1.2	29.1	29.1	59.6	18.5	38.7	0.9	2.6	3.7	3.5	3.5	3.4	3.4
11	3.5	3.4	98.9	51.7	10.8	2.2	2.2	2.2	59.4	15.0	52.6	1.2	54.1	0.7	0.7	19.5	24.2	0.8	0.7	0.7	0.7	0.7	0.7	0.7
12	0.7	0.7	0.7	1.1	10.0	0.7	0.7	37.6	0.6	37.6	137.7	66.1	3.3	5.4	0.7	125.9	121.3	0.7	0.7	0.7	0.7	0.7	0.6	0.6
13	0.6	0.6	39.4	1.1	1.1	1.1	1.1	1.1	1.1	0.7	1.1	1.1	1.1	16.5	1.2	1.3	0.8	0.8	0.8	2.2	2.2	2.2	2.2	2.2
14	2.2	2.2	2.2	2.1	2.2	2.2	25.9	2.2	5.6	0.7	2.2	54.6	79.5	65.8	64.1	113.9	0.8	0.8	0.9	1.3	1.2	1.1	2.1	2.2
15	2.2	2.2	2.2	1.2	2.3	1.3	2.4	1.3	1.3	0.8	0.8	0.8	103.2	0.8	0.8	0.9	0.9	53.6	1.4	0.7	1.2	1.1	2.0	2.0
16	2.0	2.1	2.1	2.2	2.2	2.2	2.3	2.2	2.3	0.7	1.2	1.2	243.9	0.8	1.3	0.8	1.4	1.4	1.4	2.3	16.8	1.1	1.1	1.1
17	1.1	1.1	1.1	1.1	1.1	1.1	1.1	18.4	0.7	0.7	0.7	0.7	0.7	41.7	0.5	0.6	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5
18	0.5	101.2	0.7	1.2	0.7	0.7	0.7	0.7	0.8	0.8	0.8	83.2	23.0	0.8	1.3	0.8	42.3	4.6	0.7	1.2	1.2	1.1	1.1	1.1
19	1.1	1.1	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	0.7	1.3	10.7	1.3	46.9	1.3	1.3	0.8	0.8	1.2	1.2	2.1	1.2	1.2
20	1.2	1.2	1.3	1.3	175.0	1.3	1.3	1.2	0.7	4.4	75.1	1.2	44.3	0.8	0.8	42.4	0.8	0.8	0.7	0.7	0.7	0.7	0.7	0.7
21	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	7.6	64.1	75.4	132.2	75.8	0.8	0.8	48.7	0.8	0.7	0.7	0.7	0.7	0.7
22	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	24.2	40.0	0.7	0.7	4.5	48.7	48.1	0.7	0.7	0.7	0.7	0.7	0.7	0.7
23	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	42.0	80.8	32.4	66.6	4.0	72.2	89.7	189.9	84.0	0.7	0.6	0.6	0.6	0.6	0.6
24	0.7	0.7	0.7	0.7	11.3	78.8	168.8	0.7	26.8	85.4	108.3	107.0	135.0	80.1	11.1	39.7	6.6	59.3	0.7	0.6	0.6	0.6	0.6	0.6
25	0.6	0.7	0.7	0.7	15.1	40.6	19.9	0.7	24.1	29.7	27.9	32.4	229.2	38.9	23.9	34.5	18.3	2.6	0.9	0.8	0.8	1.3	0.8	24.6
26	0.8	0.7	0.7	0.7	0.7	0.7	41.7	26.3	70.5	32.2	45.9	10.0	43.2	142.7	124.8	30.1	242.7	44.2	0.9	0.8	0.8	0.7	0.7	10.2
27	0.8	0.7	0.7	11.4	0.7	0.7	9.0	0.7	36.1	96.2	3.4	24.3	57.2	19.9	31.7	0.8	0.8	0.8	1.4	0.8	0.8	0.8	0.8	27.0
28	0.8	51.3	20.0	1.2	10.4	34.3	62.9	36.5	98.1	161.0	63.2	110.9	47.7	133.3	0.7	68.0	104.4	1.3	22.5	0.8	0.7	3.5	4.5	0.7
29	0.8	23.1	13.9	24.6	18.7	19.9	49.7	7.0	59.0	124.9	227.7	94.9	97.3	62.2	140.6	119.7	28.6	4.1	0.9	1.5	0.9	5.3	98.9	0.9
Média	2.0	7.7	7.3	7.1	15.6	9.7	14.6	8.4	15.6	31.4	51.2	31.1	68.7	32.5	39.5	40.0	38.6	18.0	9.2	1.2	1.7	4.0	5.8	3.4

Radiação Líquida Março de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-99.2	-101.1	-103.9	-106.6	-107.5	-108.5	-94.6	62.8	282.8	391.8	546.1	688.5	682.0	659.6	603.9	503.1	328.8	146.9	-50.4	-70.9	-79.6	-87.2	-90.2	-94.8
02	-98.7	-100.6	-102.6	-105.4	-106.3	-108.5	-98.2	45.2	258.0	479.7	603.6	675.3	694.1	678.6	611.6	486.2	298.6	146.5	-50.8	-64.3	-67.6	-75.7	-79.1	-82.4
03	-87.9	-90.6	-94.8	-97.6	-100.7	-103.7	-96.6	39.0	271.4	468.4	668.2	656.9	690.7	661.0	612.9	476.5	300.2	105.8	-54.2	-66.9	-66.3	-65.1	-65.6	-72.0
04	-83.4	-84.0	-84.5	-85.9	-88.0	-90.9	-82.7	52.6	329.1	478.5	54.4	710.2	691.4	677.4	647.2	560.1	278.6	107.6	-50.4	-71.8	-73.6	-78.3	-80.3	-83.7
05	-88.1	-89.9	-92.3	-95.5	-92.6	-89.7	-78.6	56.9	289.5	502.0	257.0	299.6	684.6	654.1	596.2	459.9	289.2	99.4	-58.2	-70.2	-72.0	-77.1	-71.7	-68.9
06	-75.3	-95.3	-122.5	-124.8	-128.0	-106.8	-73.1	133.9	283.4	29.0	619.6	677.7	552.3	648.3	606.7	461.3	263.5	79.5	-54.4	-73.1	-73.3	-75.3	-76.2	-79.1
07	-81.5	-83.5	-86.5	-88.8	-91.0	-92.1	-85.5	42.8	259.8	496.1	120.5	730.0	703.7	727.0	628.0	463.8	268.5	75.9	-68.7	-80.1	-82.3	-87.7	-88.1	-88.4
08	-89.5	-90.4	-91.3	-92.2	-95.4	-98.4	-90.5	-15.1	248.7	457.4	626.2	660.2	676.9	655.6	577.0	444.8	270.2	79.6	-68.0	-77.5	-82.9	-89.0	-89.1	-91.5
09	-94.2	-96.6	-99.0	-102.1	-101.5	-100.8	-92.3	97.3	32.5	349.6	676.1	654.7	718.2	641.8	559.4	447.1	265.9	110.3	-57.8	-71.1	-75.9	-79.4	-81.6	-84.8
10	-88.2	-88.3	-89.9	-90.1	-91.6	-91.9	-88.9	68.0	267.7	187.5	531.0	274.3	198.8	578.9	348.0	385.8	265.0	57.1	-49.9	-62.4	-67.0	-72.2	-72.2	-71.4
11	-72.3	-72.3	-71.6	-72.3	-73.0	-75.0	-71.4	18.3	196.5	135.2	293.2	470.5	451.9	311.7	436.1	216.8	271.5	12.2	-48.8	-59.3	-63.6	-70.7	-72.8	-73.8
12	-76.4	-76.4	-75.0	-75.0	-76.5	-76.8	-72.4	-15.8	-53.6	54.1	92.0	238.4	222.4	67.5	566.4	138.3	325.9	19.3	-58.0	-61.1	-60.5	-60.3	-62.5	-65.7
13	-67.6	-69.2	-70.1	-71.8	-72.4	-72.8	-68.5	-20.8	375.0	81.8	665.1	233.8	8.4	717.6	354.6	446.6	283.9	6.6	-60.2	-65.8	-69.6	-76.4	-77.3	-76.9
14	-78.3	-79.1	-80.7	-81.6	-80.9	-80.9	-75.8	-22.6	284.5	110.4	668.4	144.8	684.7	629.6	569.7	238.9	295.4	112.2	-53.1	-59.8	-63.3	-67.6	-69.8	-73.7
15	-76.6	-78.6	-80.6	-82.0	-80.2	-79.8	-71.6	51.4	121.7	346.2	191.5	629.3	646.0	617.9	558.5	447.5	45.1	14.6	-48.6	-53.1	-56.4	-61.9	-61.5	-59.5
16	-59.2	-62.7	-67.9	-71.6	-72.3	-73.4	-69.9	5.8	97.3	91.4	354.0	51.9	3.0	724.1	191.9	412.8	226.3	34.5	-42.3	-54.0	-58.1	-63.8	-66.2	-68.0
17	-70.6	-73.0	-74.9	-77.3	-79.7	-81.4	-78.0	-17.0	118.8	273.0	356.4	304.8	340.3	449.6	329.0	329.0	439.5	-49.3	-53.3	-60.9	-69.0	-77.9	-77.2	-76.5
18	-75.8	-74.6	-72.8	-71.5	-73.9	-75.8	-74.5	-17.1	29.7	86.7	129.6	95.1	191.6	223.2	141.4	172.7	90.2	-46.5	-71.1	-72.7	-73.3	-74.2	-78.3	-82.2
19	-86.8	-86.1	-85.5	-84.8	-85.4	-85.8	-85.1	-27.2	-8.7	-17.9	70.3	186.7	148.9	0.0	30.3	7.0	-13.8	-51.9	-70.2	-75.2	-79.1	-82.4	-83.6	-84.0
20	-85.2	-84.6	-83.9	-83.9	-83.3	-83.3	-75.9	-47.2	94.2	132.2	159.6	68.0	23.1	54.0	-4.0	56.8	3.1	-43.6	-67.7	-69.5	-69.5	-69.5	-72.2	-76.1
21	-79.4	-79.4	-78.1	-78.1	-78.1	-78.1	-74.7	13.7	-11.2	58.7	127.7	257.1	401.3	266.0	332.6	353.1	172.2	27.4	-36.9	-45.2	-49.1	-53.9	-56.8	-59.2
22	-62.1	-64.6	-65.7	-68.1	-70.5	-71.6	-69.3	35.4	113.2	550.2	606.0	631.6	677.2	629.1	536.1	230.2	119.8	91.6	-31.7	-34.3	-35.3	-40.0	-46.3	-52.5
23	-59.2	-62.2	-64.5	-67.5	-69.9	-71.7	-66.2	71.4	195.2	408.3	522.7	186.7	58.5	54.2	51.6	118.5	221.8	-8.2	-60.1	-63.0	-64.1	-64.9	-67.8	-70.1
24	-72.9	-75.3	-77.1	-79.4	-80.5	-80.4	-76.0	-27.3	67.3	212.4	597.5	607.0	635.3	600.2	535.0	50.7	239.5	101.8	-29.9	-37.0	-43.9	-48.9	-55.7	-61.7
25	-68.5	-69.0	-70.1	-71.7	-72.3	-72.9	-64.8	99.1	232.7	485.4	604.1	703.8	143.1	58.4	36.4	-20.1	6.6	-36.8	-47.3	-51.5	-56.1	-60.8	-62.7	-64.6
26	-67.0	-68.3	-68.1	-69.3	-68.7	-68.7	-63.6	-41.4	57.4	151.5	292.4	191.2	329.8	421.1	214.6	255.8	225.1	52.3	-50.0	-56.1	-61.7	-67.8	-70.6	-73.5
27	-76.6	-80.0	-82.8	-86.2	-87.8	-89.4	-84.1	41.7	230.0	600.0	674.1	169.8	648.8	523.4	582.5	399.7	248.1	71.9	-55.2	-58.2	-61.7	-67.0	-71.0	-75.9
28	-79.8	-82.5	-84.6	-87.4	-89.0	-90.6	-85.8	18.5	221.4	557.7	660.7	432.2	349.8	602.0	501.8	404.8	250.6	29.4	-48.5	-50.7	-57.3	-64.4	-64.1	-64.2
29	-62.9	-62.7	-62.2	-62.0	-64.9	-67.8	-69.1	15.7	70.9	96.0	182.1	369.7	544.4	149.6	76.7	137.3	19.3	23.0	-44.5	-43.9	-43.9	-43.9	-50.8	-58.4
30	-65.8	-67.6	-69.4	-71.7	-71.7	-71.7	-69.9	-37.9	-47.5	82.8	468.3	324.5	436.7	359.5	262.2	246.9	363.1	-8.0	-48.7	-53.5	-58.0	-63.3	-64.5	-65.9
31	-67.2	-68.8	-70.7	-72.3	-72.3	-71.7	-66.6	-21.9	7.5	306.2	241.4	644.9	415.7	624.9	522.7	390.9	195.7	-8.7	-58.1	-58.4	-60.5	-66.2	-67.8	-69.3
Média	-77.3	-79.3	-81.4	-83.0	-84.1	-84.2	-77.9	21.2	158.6	278.8	408.4	418.4	440.4	473.1	407.0	313.6	221.2	43.6	-53.1	-61.0	-64.3	-68.8	-70.8	-73.2

Calor Sensível Março de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.3	6.5	0.3	4.9	37.3	18.2	32.3	13.0	29.6	25.3	47.9	14.6	2.9	23.6	12.6	4.3	3.6	9.4	1.2	0.1	1.5	0.1	0.2	0.2
02	0.3	0.3	0.3	0.3	18.3	5.1	0.3	6.6	10.7	30.6	35.8	38.1	8.2	12.4	0.5	1.3	-1.1	0.0	-0.1	0.0	0.7	4.9	0.1	0.6
03	2.1	0.2	0.3	1.7	9.5	22.0	27.1	24.0	11.6	27.5	49.1	39.1	7.8	3.8	0.1	0.0	0.0	0.0	0.0	-0.7	0.0	0.0	0.6	1.2
04	0.2	0.2	5.6	0.2	0.3	6.0	7.9	41.1	13.0	14.3	0.2	11.6	0.1	2.0	0.3	0.0	0.6	0.0	0.0	0.0	0.2	0.1	4.4	4.2
05	9.0	6.5	5.6	0.5	0.8	14.5	5.0	3.9	6.2	21.0	15.4	9.2	11.2	3.0	12.7	2.8	1.3	0.0	0.0	0.0	1.0	0.1	0.2	14.8
06	0.2	7.8	1.8	4.2	5.3	1.1	3.3	0.2	6.3	18.0	3.4	5.3	5.0	0.1	0.1	0.1	0.1	0.0	0.4	12.7	8.0	5.3	5.5	4.5
07	22.9	7.2	1.9	3.6	5.4	3.8	0.3	0.3	6.5	1.5	41.6	9.6	2.8	0.1	0.2	0.1	0.1	1.1	0.2	15.2	16.2	1.8	2.7	4.7
08	0.2	7.6	2.8	0.4	0.3	0.3	1.9	2.9	0.3	66.2	28.2	4.4	0.2	21.2	0.1	0.9	0.0	0.0	0.0	0.1	0.3	0.2	0.3	0.7
09	0.3	7.5	0.3	0.3	11.5	0.3	11.8	0.5	0.3	0.3	26.9	6.1	0.4	4.7	2.0	9.1	2.7	8.8	0.0	0.1	0.1	1.1	3.7	5.5
10	0.2	0.2	4.2	1.5	5.6	45.7	1.3	0.3	43.2	58.1	31.3	5.2	1.1	0.1	0.1	0.6	0.8	0.0	0.0	0.0	0.1	3.3	0.5	0.2
11	1.9	0.2	11.9	3.5	0.9	7.9	8.9	2.5	9.6	12.0	19.8	7.1	4.6	0.1	0.1	3.5	1.8	0.7	0.1	0.1	0.1	5.5	11.5	3.1
12	4.3	5.8	13.6	0.2	1.0	0.2	5.7	18.1	11.8	37.1	13.5	38.4	0.1	6.9	12.6	0.1	0.1	0.1	0.3	0.1	2.0	1.9	5.8	11.3
13	3.3	2.0	9.6	0.2	21.2	12.6	9.5	6.6	16.5	32.1	27.9	21.6	25.5	9.7	0.1	3.5	3.3	0.1	0.0	0.1	0.1	1.9	5.1	2.8
14	0.3	9.9	17.1	16.3	4.0	18.6	1.3	6.4	29.2	31.7	28.4	7.3	11.0	14.4	3.1	0.0	2.1	-0.7	0.0	0.0	0.8	1.6	0.1	1.0
15	0.2	0.2	0.2	12.4	4.8	4.0	2.0	0.2	21.8	40.7	43.6	49.3	16.5	9.9	10.6	3.2	0.1	0.0	0.0	0.0	0.1	0.1	26.0	10.3
16	4.7	0.1	0.1	1.4	0.2	7.8	0.2	2.4	4.1	0.2	0.2	14.1	6.2	0.2	18.2	16.7	49.8	23.4	0.5	1.2	0.8	2.2	5.2	3.1
17	1.8	6.4	2.6	3.1	7.7	6.9	7.4	7.7	7.6	26.9	25.0	6.0	11.9	0.2	19.1	11.3	6.4	14.5	2.2	5.0	5.7	7.2	6.8	7.4
18	8.8	10.0	7.4	10.5	8.2	8.5	11.2	9.4	10.5	21.8	16.5	12.3	6.9	6.1	5.8	5.1	8.9	6.8	6.1	13.2	11.5	34.0	16.7	10.0
19	10.7	12.2	11.7	11.7	11.8	12.3	12.5	19.7	14.1	14.1	15.9	13.2	8.7	13.0	16.7	28.6	36.6	8.7	12.6	6.7	15.1	8.0	14.0	17.3
20	16.0	11.3	11.7	11.3	18.8	24.8	22.8	18.0	16.1	33.0	26.4	11.1	9.5	11.9	11.9	7.6	8.6	8.9	9.5	10.0	9.8	10.0	11.1	12.3
21	13.9	16.4	14.8	19.3	17.3	19.3	17.1	15.5	14.3	15.5	13.2	16.1	8.5	13.4	5.7	4.7	4.9	3.4	2.5	4.4	6.3	8.5	9.4	10.5
22	11.8	12.9	15.0	18.2	16.9	18.3	45.1	99.9	105.5	92.1	66.8	44.2	33.0	24.3	14.2	5.2	2.1	-6.2	-19.9	-5.6	3.5	11.9	17.8	26.2
23	16.8	16.6	18.4	20.2	22.8	24.1	27.0	8.3	2.5	31.7	2.4	4.8	0.1	9.2	5.0	1.3	0.7	9.8	4.0	4.4	7.0	5.0	5.6	7.4
24	6.9	10.8	15.8	9.0	14.1	13.2	14.9	17.8	14.2	8.4	2.5	13.2	16.2	0.3	4.1	0.7	0.1	1.8	0.2	2.0	0.5	5.5	3.5	3.1
25	1.1	1.2	6.9	1.6	1.3	2.5	1.6	5.8	0.2	0.2	11.0	13.4	6.7	1.2	1.0	0.0	0.8	7.4	1.8	0.5	4.5	1.5	6.8	11.9
26	2.0	5.5	12.2	2.1	2.3	2.3	20.6	4.1	2.9	23.2	37.0	26.8	11.7	7.1	8.1	3.4	6.6	3.2	0.3	0.7	0.9	1.5	2.2	1.5
27	5.9	3.9	23.2	22.8	3.6	1.6	1.7	0.8	8.6	0.3	43.8	13.9	4.4	3.5	2.9	0.4	2.3	0.2	0.0	0.1	0.2	0.4	2.1	0.6
28	0.4	0.7	4.1	1.6	5.3	4.6	27.1	0.4	0.3	8.9	14.0	5.0	12.0	5.4	11.4	0.0	1.3	0.0	0.0	0.1	0.1	12.4	7.5	10.8
29	15.8	8.3	11.4	0.3	0.3	8.2	4.5	11.3	19.9	15.6	6.4	1.0	0.4	0.1	11.1	3.6	2.4	9.9	0.2	3.3	1.5	1.0	0.2	1.4
30	0.9	6.0	0.3	4.3	4.0	3.4	0.2	0.3	16.0	7.3	12.6	10.0	0.5	8.6	2.2	0.1	0.1	0.1	0.4	0.8	1.2	1.6	1.7	2.1
31	2.5	3.5	2.7	2.8	2.8	2.8	2.8	2.9	2.9	13.4	11.3	26.7	6.1	0.3	2.0	0.0	0.0	0.0	0.0	3.4	0.2	2.5	4.5	1.1
Média	5.3	6.1	7.5	6.1	8.5	10.4	10.8	11.3	14.7	23.5	23.2	16.1	7.8	7.0	6.3	3.8	4.7	3.6	0.7	2.5	3.2	4.6	5.9	6.2

Calor latente Março de 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.9	19.8	0.9	13.3	99.6	47.7	83.1	34.5	81.8	72.5	164.3	64.8	18.2	194.1	145.9	88.7	73.4	211.9	28.7	0.8	11.6	0.9	0.9	0.9
02	0.9	0.8	0.8	0.9	48.4	13.3	0.9	17.1	28.0	81.1	119.4	183.2	71.2	147.2	11.4	83.2	69.9	0.9	0.9	0.8	12.1	33.9	0.8	2.4
03	7.2	0.8	0.8	5.0	26.7	59.1	70.7	63.0	30.6	72.9	155.3	160.7	46.5	29.9	0.8	0.8	0.8	0.9	0.9	19.7	0.9	0.9	11.1	6.9
04	0.8	0.8	18.3	0.7	0.8	17.8	22.7	115.5	36.0	39.2	0.8	51.0	0.8	16.6	4.1	0.9	17.2	0.9	0.9	0.9	2.6	0.8	22.1	17.0
05	30.4	20.6	17.0	1.4	2.4	43.3	15.0	11.5	17.6	58.5	52.3	42.3	80.0	27.0	151.9	47.6	33.4	0.9	0.9	0.8	8.6	0.8	0.7	46.0
06	0.7	29.1	9.0	21.6	27.8	4.6	10.2	0.7	19.7	57.2	13.3	27.3	36.9	0.8	0.9	1.6	1.6	1.0	38.1	215.6	72.7	31.1	26.7	18.4
07	82.3	23.9	5.8	10.4	15.3	10.6	0.8	0.8	17.5	4.0	132.8	40.2	17.4	0.8	2.7	0.9	1.0	29.3	7.5	206.5	123.8	9.4	11.7	17.4
08	0.8	24.1	8.5	1.3	0.8	0.8	5.1	7.7	0.8	176.1	92.0	19.0	1.4	172.1	0.9	14.1	1.0	1.0	1.6	0.9	2.7	0.9	1.4	2.6
09	0.8	22.9	0.8	0.9	32.4	0.8	33.0	1.4	0.8	0.8	88.1	24.8	2.3	33.0	19.7	148.3	43.4	148.2	0.8	0.8	0.8	6.3	17.0	21.8
10	0.8	0.8	13.4	4.8	16.8	133.6	3.7	0.8	127.7	174.1	116.9	26.6	9.3	0.8	0.8	7.7	17.0	1.4	0.8	0.8	0.7	17.0	2.2	0.7
11	7.5	0.7	42.5	12.1	3.1	26.9	30.2	8.4	30.8	37.6	72.8	31.2	25.6	0.7	0.7	36.0	24.3	15.4	6.4	0.7	0.7	26.7	49.0	11.6
12	14.7	20.0	46.2	0.7	3.2	0.7	17.7	54.9	35.6	109.9	44.5	143.9	0.6	35.1	77.8	0.7	0.7	0.7	2.0	0.6	10.3	8.1	22.6	40.6
13	11.1	6.6	29.9	0.6	63.6	37.0	27.9	19.5	49.0	96.3	96.6	89.4	129.9	61.2	0.8	39.9	54.0	3.6	0.8	0.8	0.7	9.1	22.4	10.8
14	1.2	34.4	57.7	53.2	12.9	60.2	4.2	19.8	87.0	92.0	103.7	36.1	84.5	144.4	43.6	0.8	108.2	136.1	0.8	0.7	8.7	10.8	0.7	4.3
15	0.7	0.7	0.7	37.6	14.7	12.6	6.2	0.7	71.9	138.1	172.4	236.0	98.8	79.1	127.9	70.4	7.7	0.7	0.7	0.7	0.6	0.6	150.1	63.8
16	31.8	0.6	0.7	6.2	0.7	25.6	0.6	6.9	11.8	0.7	0.6	49.0	24.5	0.6	61.5	52.7	181.0	103.1	3.1	5.9	3.4	8.2	18.2	10.1
17	5.5	18.9	7.7	9.0	22.2	19.5	20.7	21.6	21.1	75.2	78.8	22.3	52.9	1.0	112.3	79.8	48.2	118.8	20.5	25.9	21.0	21.0	19.7	21.4
18	25.0	28.5	21.3	30.2	23.5	23.8	31.2	26.0	28.7	58.8	47.6	38.1	23.6	22.4	22.7	21.5	37.7	28.5	25.5	49.4	38.6	103.8	49.5	28.6
19	29.9	33.8	32.5	32.1	32.1	33.1	33.5	52.5	37.6	37.6	44.4	38.5	27.0	44.4	62.8	122.0	137.9	29.4	38.4	19.6	42.4	21.7	37.9	45.9
20	42.4	30.0	30.7	29.6	49.0	64.6	59.6	47.0	42.1	86.1	72.6	33.1	30.4	37.2	36.9	23.2	26.3	27.4	29.1	30.9	30.1	30.9	32.3	34.4
21	37.2	43.8	39.1	51.0	45.5	51.0	44.9	40.9	37.6	40.9	37.1	49.0	28.4	50.9	25.6	25.8	30.7	24.4	23.8	25.5	26.9	28.4	30.1	32.2
22	34.9	37.7	42.5	51.1	46.9	49.4	120.6	267.1	282.8	248.4	222.9	202.7	229.0	227.2	227.1	224.3	242.3	248.9	210.6	178.2	68.5	80.3	85.8	98.6
23	54.3	51.4	54.8	58.2	65.1	67.9	75.1	23.2	7.1	88.8	8.3	24.7	0.8	83.2	37.4	8.4	3.5	41.2	14.0	14.5	22.6	15.4	16.6	21.2
24	19.1	29.6	42.7	24.2	37.6	34.5	38.7	46.2	36.8	21.7	7.2	43.2	61.8	1.7	32.0	14.0	1.4	20.6	1.8	14.8	2.8	26.6	14.2	10.8
25	3.5	3.5	20.0	4.5	3.5	7.0	4.5	16.1	0.6	0.6	37.9	64.8	64.2	16.8	27.3	27.6	13.6	59.2	9.8	2.2	15.6	4.6	20.3	34.9
26	5.8	15.9	34.4	5.9	6.6	6.6	57.6	11.5	8.2	65.0	116.8	95.3	49.2	36.7	52.1	28.9	63.9	37.1	4.4	5.1	4.4	5.2	7.1	4.5
27	16.3	10.4	60.8	59.0	9.2	4.1	4.2	2.1	21.5	0.7	132.3	53.2	24.6	25.2	29.8	7.0	61.7	26.5	0.7	1.1	1.0	1.8	7.4	1.9
28	1.1	2.0	11.1	4.1	13.5	11.6	68.2	1.1	0.7	23.1	43.3	20.2	71.6	40.9	119.0	0.6	30.9	0.6	1.0	1.7	1.0	52.7	29.7	40.5
29	55.0	28.3	37.3	0.9	0.9	24.2	12.7	32.1	56.7	44.2	19.7	3.2	1.6	0.5	79.0	47.0	20.8	59.7	0.7	14.8	6.9	4.4	0.7	4.4
30	2.5	17.1	0.9	11.9	11.1	9.4	0.6	0.9	43.6	20.1	37.1	32.4	1.6	39.7	15.5	0.9	0.9	1.7	5.8	5.8	5.8	5.8	5.8	6.6
31	7.5	10.0	7.7	7.8	7.8	7.7	7.7	7.8	7.9	36.3	35.3	101.8	29.4	1.8	19.1	0.6	0.7	0.7	1.2	41.3	1.0	10.0	16.1	3.6
Média	17.2	18.3	22.5	17.7	24.0	29.3	29.4	30.9	41.3	66.4	76.4	66.1	43.4	50.7	50.0	39.5	43.7	44.5	15.6	28.6	17.7	18.7	23.6	21.4

Radiação Líquida Abril 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-71.1	-73.4	-76.2	-78.4	-77.2	-76.2	-71.1	9.1	82.3	243.2	661.3	663.6	656.2	634.9	556.1	369.9	201.3	34.6	-51.9	-54.4	-58.6	-63.8	-66.7	-70.3
02	-74.0	-75.2	-75.6	-76.2	-75.0	-73.2	-69.7	-7.0	86.4	365.3	488.3	250.4	755.1	439.9	510.1	372.3	209.8	40.4	-51.0	-54.9	-60.3	-66.5	-69.3	-71.5
03	-75.2	-77.4	-80.3	-83.0	-81.9	-79.5	-75.8	-44.8	106.8	145.8	355.0	334.2	300.2	306.1	299.5	385.5	235.0	0.3	-49.8	-52.7	-57.7	-63.2	-66.7	-69.7
04	-73.4	-76.8	-81.4	-85.2	-85.8	-86.2	-85.5	-44.4	203.7	88.5	609.5	222.4	634.8	650.9	509.5	390.1	200.9	49.6	-54.5	-56.0	-59.5	-64.7	-67.7	-72.1
05	-75.5	-78.2	-79.7	-82.4	-83.0	-83.4	-81.7	-37.7	81.0	370.3	565.0	369.1	631.5	585.9	553.7	414.1	286.7	29.0	-48.6	-50.8	-57.0	-62.6	-65.7	-70.5
06	-74.0	-74.0	-73.4	-73.4	-77.9	-83.0	-81.8	-4.1	55.1	432.5	512.8	578.3	581.3	566.7	147.1	-5.4	15.7	-20.5	-45.9	-48.1	-52.0	-54.2	-58.8	-64.2
07	-69.6	-70.2	-70.6	-71.3	-72.5	-73.0	-72.9	-44.4	37.2	94.0	227.0	367.3	548.2	290.1	388.4	248.6	97.6	51.9	-58.5	-58.3	-60.2	-62.4	-66.5	-71.3
08	-75.6	-78.4	-81.2	-84.0	-86.2	-88.5	-87.8	-48.2	51.9	343.3	485.1	334.4	152.3	466.4	278.4	382.8	141.3	61.6	-46.0	-49.2	-55.3	-60.5	-63.0	-66.3
09	-69.5	-72.1	-76.0	-78.6	-80.2	-82.5	-81.1	-19.9	181.6	161.2	373.1	393.7	665.6	586.6	523.5	349.3	195.7	10.8	-60.3	-61.2	-65.5	-70.5	-69.6	-68.6
10	-67.9	-69.1	-70.4	-71.1	-72.3	-72.9	-71.2	63.7	188.1	405.0	558.5	653.9	671.6	568.6	508.0	73.8	194.9	1.6	-55.1	-61.8	-67.7	-75.8	-77.5	-78.7
11	-81.5	-81.3	-80.4	-80.9	-79.7	-78.7	-71.3	43.6	120.1	128.5	257.3	205.7	369.6	178.1	366.2	341.1	184.0	44.8	-58.4	-59.5	-63.2	-68.0	-71.5	-75.9
12	-78.8	-79.3	-79.8	-80.3	-79.7	-79.7	-75.0	-17.3	67.2	129.9	682.3	187.6	695.2	636.4	608.2	381.8	180.6	2.8	-59.5	-61.2	-63.8	-69.1	-72.2	-75.4
13	-78.8	-80.0	-79.8	-81.0	-80.4	-79.7	-73.5	-29.7	3.0	81.6	282.4	630.4	590.9	543.5	409.5	298.2	141.0	51.1	-57.8	-59.3	-63.1	-69.4	-73.9	-77.7
14	-82.4	-84.5	-86.5	-88.6	-91.9	-94.0	-93.9	26.9	231.7	355.6	626.0	551.2	582.6	544.0	513.4	409.7	250.6	60.2	-51.2	-53.2	-58.8	-65.3	-68.3	-71.3
15	-74.7	-74.7	-74.1	-74.1	-80.9	-87.5	-88.4	85.6	186.7	357.0	126.5	582.3	586.0	282.4	406.4	428.5	240.1	61.0	-45.3	-47.8	-54.0	-60.7	-62.6	-65.7
16	-67.9	-70.2	-73.8	-76.0	-78.4	-80.2	-79.2	-21.4	173.7	360.6	490.2	449.1	549.8	552.1	233.0	443.1	206.4	0.5	-47.3	-45.5	-47.7	-53.0	-56.4	-60.2
17	-63.2	-65.6	-66.7	-69.1	-70.5	-73.4	-73.9	-61.2	-30.6	83.7	95.5	265.9	209.0	229.2	185.1	57.3	47.0	-35.6	-56.2	-57.8	-59.3	-61.8	-65.5	-67.8
18	-71.4	-74.2	-77.2	-80.0	-78.8	-77.7	-74.6	42.2	252.6	113.9	567.3	635.9	620.0	549.9	454.1	315.2	146.1	-7.0	-64.1	-69.0	-76.7	-84.9	-86.8	-88.2
19	-90.5	-92.5	-95.8	-97.8	-99.9	-100.8	-100.6	6.5	90.0	406.2	557.2	604.9	602.1	545.8	462.2	312.4	139.8	37.8	-70.1	-74.0	-80.3	-89.0	-92.7	-98.5
20	-103.2	-103.1	-103.5	-103.4	-105.9	-108.4	-108.6	-16.8	158.3	364.1	586.3	542.9	561.5	521.5	433.4	343.9	181.0	-16.0	-78.4	-78.2	-83.2	-90.4	-94.1	-97.1
21	-100.9	-104.1	-108.0	-111.3	-113.2	-114.7	-110.9	-49.8	162.1	379.3	453.3	516.5	525.1	503.4	413.4	251.1	172.9	-44.4	-62.3	-64.5	-69.2	-76.2	-79.8	-83.6
22	-86.8	-88.8	-91.4	-93.4	-93.9	-94.3	-91.1	-15.5	219.5	450.1	315.3	513.4	569.3	526.4	323.0	444.2	24.5	-33.4	-52.8	-54.5	-61.0	-68.2	-68.4	-68.8
23	-70.2	-69.2	-67.5	-67.1	-67.7	-68.1	-69.3	-35.2	-40.4	27.5	17.3	64.2	179.1	125.2	117.5	95.9	21.5	-50.6	-58.4	-59.4	-61.3	-63.4	-67.1	-69.9
24	-72.9	-72.9	-72.9	-72.9	-71.7	-70.5	-67.8	-45.6	13.8	84.2	193.3	135.0	258.7	555.4	522.8	333.8	143.1	-16.2	-47.4	-51.6	-56.0	-62.1	-66.2	-68.9
25	-72.9	-74.1	-75.2	-76.4	-75.2	-73.5	-70.4	-21.8	8.4	15.8	147.1	658.6	596.0	549.6	49.3	311.1	148.6	-27.5	-43.6	-46.8	-52.3	-57.8	-60.5	-63.7
26	-67.1	-67.1	-67.1	-66.5	-66.5	-65.7	-61.0	-22.0	30.5	176.5	271.7	202.3	345.0	348.8	441.1	327.8	51.0	-8.2	-38.8	-43.1	-47.1	-53.5	-55.5	-58.4
27	-60.5	-62.8	-66.5	-69.3	-71.7	-73.5	-74.8	-10.9	46.2	119.9	429.3	165.2	649.8	569.1	560.6	328.9	98.2	-10.6	-36.7	-39.9	-44.0	-50.9	-54.9	-59.8
28	-63.7	-66.6	-69.6	-71.9	-73.6	-74.7	-74.7	57.2	54.3	87.9	166.1	364.9	550.7	478.6	423.2	198.7	150.0	-2.4	-43.0	-45.1	-46.7	-51.0	-54.3	-56.9
29	-60.2	-62.5	-65.4	-67.7	-67.7	-66.3	-64.5	-35.8	43.5	137.2	279.9	379.1	140.2	206.5	548.1	189.2	9.2	-14.7	-41.5	-45.1	-48.2	-53.2	-58.0	-63.4
30	-68.6	-72.0	-76.6	-80.5	-81.0	-81.4	-76.6	9.3	93.8	346.0	506.1	508.4	364.8	492.5	-6.5	319.4	166.2	7.5	-43.0	-44.2	-46.0	-52.5	-58.4	-63.8
Média	-74.7	-76.3	-78.1	-79.7	-80.7	-81.4	-79.3	-9.6	98.6	228.5	396.2	411.0	504.7	467.8	391.3	303.7	149.4	8.6	-52.6	-54.9	-59.2	-64.8	-68.0	-71.3

Calor Sensível Abril 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	10.9	0.3	0.4	1.7	8.4	9.1	0.6	0.3	5.0	0.3	0.2	0.3	14.8	8.7	11.3	14.9	7.7	1.2	0.0	0.1	0.2	0.2	0.3	0.3
02	0.3	0.3	0.4	0.4	0.3	0.3	0.3	0.3	40.0	5.8	0.2	0.5	0.2	9.7	6.5	2.0	3.3	0.3	0.0	0.1	0.2	0.3	0.3	0.3
03	0.3	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	21.9	36.0	3.6	26.6	2.3	3.5	5.6	10.8	0.0	0.0	0.6	1.5	0.1	3.0	0.2
04	0.2	3.0	0.2	0.2	1.2	0.3	0.3	0.2	0.2	27.3	21.1	10.6	0.1	17.7	5.6	0.1	1.7	0.8	0.0	0.0	0.1	0.1	0.2	0.2
05	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	10.8	1.3	24.5	16.9	27.7	9.5	17.9	0.3	0.1	0.0	0.0	0.0	0.1	0.1	0.2	0.2
06	0.2	0.2	0.2	0.2	0.2	0.2	5.1	2.0	0.3	13.7	0.2	0.3	3.2	0.1	0.0	0.0	0.1	2.9	0.9	3.8	0.1	15.7	10.0	21.8
07	3.2	3.9	0.6	0.3	0.3	0.2	4.8	27.3	0.4	0.4	17.5	0.2	0.4	12.1	3.4	0.1	1.0	0.1	0.1	0.1	0.1	0.2	0.8	0.3
08	0.2	6.1	0.4	0.4	5.1	0.4	14.7	0.4	0.3	0.3	13.1	7.7	6.6	0.1	0.5	7.2	4.3	0.3	0.0	1.8	0.1	7.5	3.6	0.2
09	3.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	1.1	14.8	7.1	5.1	19.2	3.9	1.7	1.4	0.0	0.0	0.0	0.1	12.8	0.2	0.3
10	5.9	0.3	1.8	0.3	2.5	4.8	3.2	3.7	0.2	4.7	0.2	2.3	15.8	11.5	4.5	0.0	0.2	1.3	0.0	0.1	0.2	0.3	0.3	0.3
11	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.2	25.9	27.9	63.8	2.3	0.1	14.0	10.1	0.1	0.0	0.0	0.8	0.1	0.2	0.3	0.3	0.3
12	0.4	0.7	4.1	9.1	1.4	0.4	0.4	0.2	0.4	18.2	0.6	1.3	8.7	15.7	6.9	2.9	5.6	0.2	0.0	0.1	0.1	0.2	0.2	0.2
13	0.2	0.2	0.2	0.2	0.2	0.2	0.2	13.4	18.1	14.2	57.0	8.7	45.7	32.4	0.2	0.8	0.1	0.0	0.0	0.1	0.1	0.2	0.2	0.2
14	0.2	0.2	0.2	0.3	0.3	0.3	0.3	0.3	0.3	92.6	33.9	28.0	11.3	5.7	0.0	2.5	0.1	0.0	0.0	0.7	0.1	0.1	3.4	0.2
15	0.2	0.2	0.9	5.9	3.1	0.4	0.9	0.3	0.3	26.7	7.1	20.2	1.3	4.9	1.7	0.0	-0.1	0.0	0.0	0.0	0.1	0.1	0.1	0.2
16	0.2	0.2	4.4	0.2	2.7	0.2	0.2	0.2	0.2	0.3	0.3	14.2	17.3	1.1	2.8	0.0	-0.2	0.0	-2.6	3.4	13.9	3.8	1.3	8.4
17	0.5	20.4	16.6	4.2	5.2	1.9	10.7	0.4	2.0	21.3	8.9	8.7	0.3	0.3	0.3	5.1	0.4	0.4	1.3	0.6	0.7	0.8	0.8	0.9
18	0.9	18.6	1.3	1.4	6.9	1.7	3.7	19.8	33.4	7.9	0.4	0.6	0.2	5.9	0.8	0.3	0.1	0.0	0.2	0.7	0.9	1.6	1.4	1.9
19	1.6	21.3	6.6	2.3	4.6	2.4	23.8	2.5	3.4	18.9	0.3	14.2	6.0	0.8	13.9	6.3	0.3	0.2	0.2	0.7	1.4	2.0	2.3	10.2
20	2.8	2.8	11.5	11.2	26.5	26.0	2.2	0.4	0.6	45.6	5.0	6.5	19.4	5.7	0.1	5.8	2.5	0.0	0.0	0.1	2.7	0.4	13.0	0.8
21	1.3	2.4	4.0	1.1	1.1	14.5	9.7	1.2	0.6	19.5	51.5	78.2	26.5	33.1	8.2	2.6	3.9	0.0	0.0	0.2	0.2	4.2	0.3	0.7
22	0.4	0.8	0.4	0.5	8.0	0.5	0.9	0.3	8.6	0.3	0.2	1.0	0.1	0.1	0.1	0.0	0.0	-0.1	-0.1	0.0	0.1	0.2	6.4	0.3
23	7.1	7.9	8.9	7.1	14.4	9.4	4.8	5.8	12.2	9.6	16.7	4.2	5.7	12.3	5.6	1.6	27.1	5.9	4.4	1.8	4.9	4.7	2.0	2.4
24	1.2	2.8	4.7	1.2	1.6	1.5	7.0	14.0	8.1	9.9	3.8	4.7	1.1	0.4	11.0	2.3	3.0	2.0	1.1	2.3	3.6	4.9	6.2	10.7
25	6.9	7.4	7.8	7.9	7.8	8.2	8.0	16.4	8.0	7.1	6.6	22.6	34.8	9.6	3.9	1.0	0.1	0.1	0.1	0.3	0.4	0.4	0.5	0.5
26	0.9	0.6	0.6	3.3	0.6	0.6	2.2	18.3	0.5	18.5	22.1	32.9	10.7	15.9	3.9	2.1	2.0	0.0	0.0	0.1	0.1	0.2	0.2	0.2
27	0.3	0.3	0.3	0.3	0.3	0.3	11.1	2.5	0.3	1.2	0.3	0.3	0.1	0.1	0.1	0.1	0.0	0.0	-0.4	0.3	1.6	2.7	3.3	3.9
28	7.7	3.0	2.3	2.2	1.6	1.6	3.3	1.4	1.1	4.9	0.3	0.1	0.1	1.0	9.0	0.2	0.9	0.1	0.0	0.1	0.2	0.3	0.6	0.4
29	4.7	1.5	0.8	0.6	2.0	0.9	5.9	3.2	13.8	20.6	10.3	9.7	1.1	0.3	1.6	0.2	0.3	5.1	1.4	0.7	1.5	0.8	0.7	0.8
30	5.9	4.5	8.8	3.9	1.4	1.4	1.5	0.8	1.2	4.0	0.7	0.3	0.2	0.8	1.4	0.1	0.0	0.0	-0.1	0.0	3.0	0.2	16.7	2.0
Média	2.3	3.7	3.0	2.2	3.6	3.0	4.2	4.6	6.6	14.9	13.9	10.3	9.7	8.4	4.6	2.2	2.6	0.7	0.2	0.6	1.3	2.2	2.6	2.3

Calo latente Abril 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	33.0	1.0	1.0	4.8	23.3	25.7	1.8	1.0	14.3	1.0	0.6	1.0	74.0	43.8	56.5	73.8	52.8	15.1	0.6	1.0	0.9	0.9	0.9	1.0
02	1.0	1.0	1.0	1.0	1.0	1.0	1.0	0.9	117.3	17.0	0.6	1.8	1.0	54.1	44.8	18.8	45.4	7.6	0.6	0.6	1.0	1.0	1.0	1.0
03	1.0	1.0	1.1	1.1	1.1	1.0	1.0	1.0	1.0	59.6	112.6	13.6	126.6	13.3	25.5	55.5	140.7	0.6	1.0	6.0	8.5	0.6	10.4	0.6
04	0.6	8.4	0.6	0.7	3.1	0.7	0.7	0.7	0.6	73.4	67.0	41.6	0.6	125.2	54.4	1.0	45.1	65.3	0.7	0.6	0.6	0.6	0.6	0.6
05	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	29.2	3.7	76.9	64.1	131.8	59.4	156.9	4.8	1.9	0.6	0.6	0.6	0.6	0.6	0.6	0.6
06	0.6	0.6	0.6	0.6	0.6	0.6	13.4	5.3	0.7	35.3	0.7	1.0	17.6	1.0	0.6	0.6	5.6	30.4	5.0	19.5	0.5	69.7	37.4	72.2
07	9.6	11.4	1.7	0.9	1.0	0.6	13.5	76.2	1.0	1.0	47.9	0.6	1.1	42.0	16.9	0.6	8.5	0.6	0.6	0.6	0.6	0.9	2.6	1.0
08	0.6	16.9	1.1	1.1	13.2	1.1	37.5	1.1	0.7	0.7	40.1	29.1	34.0	0.6	4.8	151.8	93.4	9.8	0.5	18.6	0.5	30.6	13.4	0.6
09	11.5	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	3.0	46.8	27.8	26.9	125.5	33.9	20.6	24.6	0.7	4.4	0.7	0.6	54.5	0.6	1.0
10	20.4	1.0	5.3	0.9	7.0	13.3	8.8	10.0	0.6	12.8	0.6	9.4	91.9	84.4	46.5	0.7	4.1	41.2	0.7	1.1	1.1	1.1	1.1	1.1
11	1.1	1.1	1.1	1.1	1.1	1.1	1.0	0.6	70.1	73.8	194.1	8.3	0.6	83.9	85.2	0.7	0.7	0.7	33.1	1.0	1.0	1.0	1.0	1.1
12	1.1	1.9	11.7	25.3	3.9	1.1	1.1	0.6	1.1	49.5	1.9	5.5	49.7	113.0	66.6	41.9	107.6	5.4	0.7	0.7	0.6	0.6	0.6	0.6
13	0.6	0.6	0.6	0.6	0.6	0.6	0.6	37.6	51.1	40.3	180.5	30.9	188.3	189.3	1.9	22.5	5.2	0.7	0.7	0.6	0.6	0.6	0.6	0.6
14	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	229.1	99.1	103.5	61.3	42.4	0.6	67.5	19.0	0.7	0.7	14.9	0.6	0.6	12.8	0.6
15	0.6	0.6	2.8	17.5	8.9	1.1	2.2	0.7	0.7	66.2	21.3	78.0	8.0	42.2	23.7	0.6	16.4	0.6	0.6	0.6	0.6	0.6	0.6	0.6
16	0.6	0.6	12.8	0.6	7.6	0.6	0.6	0.6	0.7	0.7	0.7	38.5	47.1	4.1	22.4	10.3	47.6	0.7	69.4	177.7	125.3	18.6	5.6	32.0
17	1.7	68.5	53.9	13.3	15.8	5.4	29.9	1.0	5.5	57.7	24.8	25.1	1.0	1.0	1.0	21.4	1.7	1.6	5.5	2.4	2.4	2.4	2.5	2.6
18	2.7	51.9	3.7	3.8	18.6	4.7	10.0	53.0	88.7	20.8	1.1	2.0	0.7	31.7	6.3	3.4	1.2	0.7	3.4	5.5	4.3	5.6	4.4	5.5
19	4.3	55.5	16.9	5.7	11.5	5.8	57.3	5.9	8.2	45.3	0.7	46.3	24.3	4.3	87.8	56.1	3.7	3.7	6.1	5.8	6.7	6.8	6.8	28.3
20	7.2	7.1	28.5	27.2	63.4	60.9	5.0	0.8	1.4	103.7	13.1	19.7	74.8	27.7	0.7	61.1	38.5	1.4	1.5	1.3	13.8	1.2	40.5	2.3
21	3.7	6.1	9.8	2.5	2.5	33.0	21.8	2.6	1.4	43.1	130.2	232.6	99.0	162.9	59.6	37.8	86.9	0.7	1.2	2.0	1.1	15.8	1.1	2.0
22	1.1	2.1	1.2	1.2	20.4	1.2	2.1	0.7	21.4	0.7	0.7	4.0	0.6	0.7	0.7	0.7	1.2	4.3	1.1	1.0	1.0	1.0	25.7	1.0
23	26.6	28.4	30.6	23.4	47.0	30.1	15.3	18.1	37.9	29.7	53.6	14.4	20.5	48.8	25.0	8.0	132.9	27.4	19.5	6.9	15.9	13.5	5.6	6.5
24	3.4	7.6	12.6	3.4	4.2	4.1	19.0	38.1	22.1	26.9	11.0	14.9	4.0	1.5	52.2	13.5	20.8	17.6	13.6	14.2	14.7	15.0	18.2	29.7
25	18.4	19.6	20.7	21.0	20.7	21.8	21.5	43.9	21.5	19.1	19.2	73.5	127.7	45.3	26.2	13.3	2.3	2.3	4.4	2.8	2.2	1.5	1.5	1.5
26	2.4	1.6	1.6	9.3	1.6	1.5	6.0	52.1	1.5	56.0	75.7	131.3	51.3	94.4	32.4	26.3	34.5	0.8	2.1	0.7	0.7	0.7	0.8	0.8
27	0.8	0.8	0.8	0.9	0.9	0.9	29.3	6.7	0.9	3.2	0.8	0.8	0.5	0.5	0.5	3.7	0.8	0.8	7.0	8.0	11.0	10.4	11.5	13.0
28	23.5	9.0	6.7	6.0	4.4	4.4	8.8	3.6	2.8	12.9	0.9	0.5	0.5	6.0	84.8	4.3	36.5	5.3	1.6	1.5	1.4	1.4	2.2	1.4
29	14.9	4.6	2.4	1.6	5.7	2.4	16.4	9.0	41.4	63.9	36.6	41.3	5.9	2.2	12.3	2.1	2.9	63.5	24.0	4.8	7.3	2.7	2.2	2.4
30	17.1	12.6	23.9	10.2	3.7	3.7	3.7	1.9	3.0	10.1	1.9	1.1	1.0	5.2	17.7	4.4	4.5	0.5	1.0	0.9	29.3	0.8	70.7	7.5
Média	7.0	10.8	8.6	6.3	9.8	7.7	11.0	12.5	18.3	38.7	42.1	35.4	42.4	48.5	35.0	24.3	32.9	10.4	7.1	10.1	8.5	8.7	9.4	7.3

Radiação Líquida Maio 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-70.1	-71.1	-72.8	-74.7	-74.1	-74.1	-64.7	-30.5	-8.0	298.0	426.9	591.0	220.7	639.3	102.1	83.3	246.9	-44.9	-45.5	-48.5	-52.5	-56.9	-66.0	-73.9
02	-81.7	-85.2	-87.4	-90.8	-90.8	-90.9	-90.7	-68.1	-12.1	15.9	88.9	121.5	71.7	86.1	132.4	133.1	14.9	-56.7	-75.3	-76.8	-78.4	-80.1	-79.5	-79.5
03	-78.2	-79.4	-79.8	-80.9	-81.4	-81.9	-81.1	-59.1	29.6	444.9	487.5	295.0	522.4	389.2	242.4	457.4	203.1	-44.8	-59.4	-62.9	-66.0	-70.0	-70.9	-71.8
04	-73.4	-75.0	-76.7	-78.3	-82.4	-86.5	-88.7	-58.1	56.4	158.9	314.4	312.8	250.3	271.1	294.5	185.9	86.1	-49.2	-61.8	-61.7	-64.7	-67.6	-67.7	-67.8
05	-68.1	-73.7	-79.1	-85.0	-88.3	-90.3	-92.0	-71.8	153.2	400.5	486.3	482.7	453.4	558.0	548.6	105.7	20.4	44.8	-59.6	-62.3	-67.4	-73.5	-74.1	-76.0
06	-76.7	-76.6	-77.1	-77.0	-79.2	-80.2	-77.2	-13.4	21.4	49.4	40.8	615.9	574.0	497.1	483.6	76.9	90.4	-30.9	-58.8	-61.7	-67.8	-76.1	-76.9	-76.5
07	-76.7	-79.5	-82.2	-85.4	-85.3	-85.1	-84.2	-37.9	169.1	372.3	358.3	509.2	543.5	124.0	420.5	111.8	-39.6	-62.6	-70.4	-71.2	-75.1	-79.9	-81.4	-82.3
08	-84.1	-83.5	-82.9	-82.2	-82.7	-84.4	-84.0	-37.1	101.0	198.8	256.7	137.5	132.2	185.1	64.7	46.2	-37.4	-42.6	-72.3	-75.0	-77.3	-80.5	-79.7	-80.1
09	-80.0	-80.0	-80.0	-79.4	-80.5	-81.6	-81.7	-24.4	79.1	166.3	333.8	274.8	369.7	180.3	447.1	440.8	76.4	-10.8	-66.3	-69.6	-73.8	-79.8	-81.5	-83.2
10	-85.7	-86.6	-88.1	-89.6	-93.2	-96.7	-99.3	-65.1	25.3	371.5	486.5	536.6	598.2	533.9	338.8	418.8	-1.5	-35.1	-56.4	-58.9	-64.4	-70.4	-74.0	-77.6
11	-81.2	-83.9	-85.9	-89.1	-88.5	-88.5	-87.0	-52.2	24.7	376.0	461.9	543.4	574.4	526.4	415.4	68.2	300.5	-25.2	-50.2	-54.8	-60.3	-66.6	-71.1	-74.4
12	-78.5	-81.2	-83.9	-85.9	-89.1	-91.6	-91.9	-62.3	46.0	106.5	368.0	465.1	299.5	568.3	465.8	284.4	106.1	-20.5	-39.6	-43.3	-49.5	-56.4	-60.7	-65.2
13	-69.0	-71.7	-75.1	-77.3	-74.4	-72.2	-68.0	3.6	51.6	94.8	445.3	537.8	536.3	278.3	187.8	143.3	55.5	-31.0	-41.2	-43.3	-47.8	-52.8	-53.8	-54.0
14	-55.6	-56.2	-56.2	-57.4	-59.4	-60.1	-61.6	-48.5	53.3	139.7	44.9	13.3	-21.0	-8.8	-29.5	-38.1	-51.4	-57.9	-61.8	-64.1	-67.2	-68.9	-70.0	-70.4
15	-71.6	-72.7	-73.2	-73.7	-75.9	-78.2	-80.3	-64.1	-9.3	6.5	4.3	185.5	70.7	52.4	-21.6	-36.6	-42.8	-70.4	-73.8	-73.8	-73.3	-73.3	-74.8	-77.0
16	-78.6	-79.1	-79.5	-80.6	-80.6	-80.6	-80.0	-61.0	-10.6	14.4	40.7	116.7	250.4	146.9	-6.3	58.5	4.3	-56.2	-65.3	-66.1	-67.6	-68.7	-69.9	-69.7
17	-70.9	-74.2	-76.8	-79.5	-83.7	-87.3	-90.4	-42.4	21.0	278.0	421.9	487.8	612.9	495.4	230.5	270.3	112.0	-4.9	-55.9	-61.8	-68.3	-76.4	-77.8	-79.2
18	-80.6	-82.7	-84.3	-86.3	-87.8	-89.4	-90.4	-43.7	211.3	313.6	462.1	505.5	514.5	549.8	372.4	209.7	73.0	-39.4	-67.0	-68.0	-71.2	-75.1	-75.4	-75.7
19	-76.0	-75.4	-75.4	-75.4	-76.9	-77.3	-78.0	-0.9	114.1	299.7	425.5	125.3	220.8	147.3	518.3	357.7	221.8	-47.9	-63.0	-66.8	-71.3	-77.1	-78.4	-79.2
20	-81.2	-80.1	-79.1	-78.0	-78.0	-77.4	-77.4	-72.0	191.9	116.8	202.5	314.6	250.2	286.0	136.1	75.1	-14.5	-51.6	-63.0	-64.8	-67.5	-70.2	-72.3	-74.2
21	-76.9	-75.7	-75.7	-75.1	-76.2	-76.6	-77.1	-56.3	80.8	138.8	180.4	419.8	649.8	186.5	456.0	327.4	4.9	-46.4	-61.3	-62.9	-64.9	-67.7	-70.8	-72.6
22	-75.7	-75.7	-75.7	-75.7	-76.2	-77.2	-77.4	-49.4	26.1	177.8	404.9	321.8	402.8	500.7	321.5	234.1	24.1	-43.5	-60.6	-63.7	-68.2	-74.1	-76.5	-79.6
23	-82.1	-83.5	-85.7	-87.1	-88.1	-88.6	-89.0	31.2	163.9	300.2	250.1	321.8	152.8	126.2	87.4	70.9	-5.6	-54.1	-61.5	-62.8	-65.8	-67.7	-68.7	-69.7
24	-71.3	-73.4	-75.0	-77.1	-75.5	-74.4	-71.8	-53.3	56.2	25.6	437.3	425.4	434.0	476.0	461.5	82.8	29.6	-44.3	-62.3	-57.4	-53.7	-49.9	-56.1	-61.3
25	-67.7	-73.6	-80.4	-86.0	-88.0	-89.5	-91.5	-61.2	12.5	106.7	506.5	190.9	498.1	294.0	319.2	415.1	143.8	-32.2	-47.2	-49.7	-53.0	-57.4	-61.7	-64.8
26	-69.1	-68.5	-67.9	-67.9	-70.6	-73.9	-75.6	26.7	84.5	320.3	273.2	217.9	466.0	214.5	239.7	126.9	119.6	-42.0	-48.6	-49.2	-51.8	-54.0	-56.8	-59.0
27	-61.8	-66.3	-69.5	-73.9	-75.0	-75.5	-76.0	-69.0	7.9	87.7	395.7	499.5	470.1	451.3	376.0	223.6	83.2	-22.5	-30.6	-36.1	-42.3	-48.9	-52.1	-57.2
28	-61.1	-64.6	-67.4	-70.2	-73.6	-75.1	-77.7	-51.9	206.6	302.3	438.5	534.6	446.6	302.0	234.2	217.7	113.5	-15.0	-31.3	-37.2	-43.9	-51.1	-55.2	-60.6
29	-65.2	-68.0	-70.8	-73.6	-73.6	-73.0	-73.0	-56.8	5.5	91.2	291.5	194.7	603.2	432.7	363.7	241.7	93.0	-28.7	-38.9	-44.8	-51.0	-57.5	-62.6	-66.4
30	-70.8	-74.1	-77.4	-80.0	-82.6	-85.2	-87.4	-40.7	15.6	101.6	533.2	323.2	277.8	514.3	378.2	259.3	109.1	-30.2	-41.4	-40.0	-41.1	-41.0	-48.2	-56.9
31	-68.1	-70.9	-73.6	-76.2	-78.9	-81.5	-83.1	-50.7	131.9	331.6	443.7	463.5	505.9	506.6	374.7	6.2	93.2	-29.2	-39.3	-42.5	-45.4	-50.1	-52.5	-54.7
Média	-73.8	-75.5	-77.2	-79.0	-80.3	-81.4	-81.6	-43.2	67.8	200.2	332.6	357.6	385.5	339.1	288.9	182.5	72.0	-36.3	-55.8	-58.1	-61.7	-65.8	-68.3	-70.7

	Calor sensível Maio 2012																							
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.5	14.2	0.6	2.3	1.0	0.6	1.9	10.2	1.0	3.0	38.3	29.0	29.4	0.7	0.6	0.2	0.1	1.5	11.0	14.0	20.1	9.0	11.2	30.8
02	43.8	37.9	17.1	20.7	21.3	40.0	33.0	10.1	22.7	19.1	14.3	7.1	8.7	6.0	4.7	25.5	4.4	4.3	5.0	5.2	15.2	7.0	13.0	6.0
03	10.9	5.1	13.4	9.8	4.9	6.8	14.6	5.5	10.8	1.8	0.8	2.0	0.5	0.4	0.4	0.5	0.1	0.8	0.8	0.2	3.7	2.8	0.3	14.3
04	4.9	4.7	1.8	2.2	16.5	28.2	1.2	1.6	33.7	19.2	9.1	2.9	7.9	5.1	0.4	1.1	0.2	0.2	0.2	0.6	11.6	48.1	1.0	6.1
05	1.4	2.4	3.1	2.3	2.0	2.1	2.2	6.7	1.8	1.5	11.2	2.0	6.6	0.4	0.3	0.1	0.7	0.1	0.3	0.2	0.4	0.5	2.8	0.6
06	0.6	1.9	0.6	0.7	5.1	0.7	16.0	1.4	1.9	12.8	0.8	1.2	1.2	3.4	1.8	6.2	1.7	0.8	0.1	2.5	1.4	2.0	2.1	26.7
07	17.5	2.4	2.8	5.9	9.3	3.7	13.3	4.2	17.8	0.8	20.3	4.9	5.1	16.5	17.7	3.7	1.9	3.1	0.4	1.0	3.5	2.6	8.6	2.6
08	2.8	4.6	3.1	8.7	11.8	3.2	3.2	12.1	5.0	2.5	14.5	8.2	11.3	3.8	13.3	16.1	0.8	5.6	12.8	13.3	5.9	4.0	14.2	12.7
09	3.5	20.3	17.8	11.4	7.0	4.0	6.2	6.7	15.1	6.8	2.5	1.8	1.3	11.4	1.0	0.5	1.0	3.1	1.4	2.8	5.7	5.5	12.0	6.2
10	7.1	8.3	7.8	12.8	15.2	8.0	10.4	7.2	8.3	3.5	1.3	17.7	1.7	13.5	14.1	0.1	0.5	0.0	0.0	0.1	1.3	0.5	0.3	0.4
11	0.4	0.7	0.4	0.4	1.6	10.3	1.2	9.1	12.2	0.8	17.7	10.2	9.4	7.6	6.2	0.0	0.0	0.0	0.0	0.1	0.2	0.3	0.3	2.4
12	0.4	0.4	0.4	0.4	0.4	7.1	8.3	19.1	0.5	0.5	0.8	28.6	0.5	4.0	0.5	2.1	0.3	0.0	-0.1	0.2	0.5	1.0	1.1	1.3
13	2.8	1.5	11.7	1.7	3.1	2.1	1.4	2.9	0.9	2.5	1.3	5.0	0.2	0.2	1.0	0.0	0.0	-0.1	-0.1	0.3	0.5	3.3	0.9	2.5
14	1.2	20.6	1.2	4.6	1.3	5.4	3.0	6.1	9.1	9.4	1.2	1.3	0.4	1.0	3.3	29.5	0.9	21.2	8.1	12.9	10.2	10.6	6.6	16.9
15	10.7	19.7	9.0	14.3	12.7	15.3	11.7	8.3	6.9	7.6	14.7	21.2	12.0	12.4	23.5	7.0	27.8	34.5	9.7	16.5	16.3	5.4	5.6	12.4
16	6.8	6.8	27.8	8.5	22.7	24.1	10.5	7.7	7.4	8.1	25.2	9.4	27.6	28.6	5.9	5.2	8.4	5.6	6.5	12.5	7.8	8.8	22.8	27.1
17	14.3	18.3	18.7	24.7	31.3	27.9	26.4	35.1	30.0	23.3	17.4	13.5	17.3	8.6	10.8	8.7	9.7	4.4	6.0	11.4	17.6	24.4	27.8	27.5
18	30.5	33.7	33.8	36.6	36.2	38.6	39.4	39.6	35.9	52.8	28.5	16.9	15.4	29.7	10.9	11.8	9.2	8.3	9.6	18.2	26.9	33.6	35.2	37.2
19	31.7	30.7	30.7	29.7	30.3	30.5	33.7	27.9	26.7	22.4	8.8	12.0	9.5	6.0	5.4	9.3	17.0	2.9	2.6	5.4	8.0	8.8	19.1	12.6
20	9.1	8.6	8.4	5.9	6.3	7.5	4.9	16.7	3.6	4.3	2.0	19.1	11.3	8.7	7.0	0.9	1.2	1.1	1.6	1.7	0.7	0.8	0.9	1.5
21	2.3	4.2	10.5	3.8	0.6	2.6	9.3	4.0	2.7	3.4	2.1	13.1	5.2	23.5	12.7	11.7	7.0	5.0	1.9	3.2	3.9	5.2	27.6	14.4
22	6.7	10.5	6.4	9.2	10.0	10.4	13.3	7.3	11.7	14.3	3.0	2.4	2.9	1.2	6.5	1.0	1.3	1.3	1.3	3.5	4.5	5.2	5.3	13.5
23	17.3	6.6	12.9	11.7	13.1	7.2	7.3	8.3	3.8	3.4	4.9	27.7	3.1	1.6	3.7	1.4	2.7	3.9	1.1	1.4	3.0	3.4	1.1	2.0
24	1.5	4.9	7.0	0.7	2.3	8.9	2.5	7.8	1.1	0.4	5.7	36.9	13.4	7.6	6.6	0.9	5.4	2.0	2.3	2.4	2.7	3.3	5.5	5.1
25	7.3	9.4	12.4	13.8	25.5	18.3	15.1	15.3	15.9	6.4	13.4	11.1	6.5	7.8	2.8	1.3	2.0	0.5	0.3	1.2	2.0	2.9	3.6	5.8
26	4.5	7.6	4.7	12.4	18.6	12.7	9.4	18.2	5.4	4.5	8.2	3.4	14.2	16.2	2.3	1.2	1.6	1.0	1.2	1.6	12.5	4.0	2.5	2.4
27	2.6	7.1	2.8	3.4	4.8	6.1	5.2	7.8	24.0	2.9	1.2	3.1	0.5	0.2	0.2	15.1	1.0	0.0	-0.1	0.4	0.1	0.2	0.2	2.2
28	0.3	2.1	0.3	3.8	7.1	2.3	6.4	4.5	2.5	1.1	1.6	0.5	0.2	4.8	4.4	-0.1	0.0	0.0	0.0	1.0	0.5	0.7	1.9	1.2
29	7.2	5.3	10.9	1.6	1.6	1.6	13.4	8.7	2.2	5.6	3.0	0.7	0.5	0.9	0.4	0.0	2.0	0.0	0.0	0.1	0.2	0.4	0.3	0.5
30	0.6	0.6	1.7	1.1	1.1	1.2	10.8	1.2	1.1	1.1	1.0	1.9	1.2	12.6	0.3	0.0	1.9	0.0	0.5	0.2	0.0	-0.2	2.5	1.0
31	1.4	1.5	3.7	2.6	4.7	1.8	14.6	12.8	1.9	0.4	0.4	1.1	1.6	0.3	1.9	0.0	0.0	0.3	1.6	2.5	1.2	1.6	1.7	1.6
Média	8.1	9.8	9.1	8.6	10.6	10.9	11.3	10.8	10.4	7.9	8.9	10.2	7.3	7.9	5.5	5.2	3.6	3.6	2.8	4.4	6.1	6.6	7.7	9.6

Calor latente Maio 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	1.8	44.5	1.7	6.2	2.7	1.7	5.1	27.2	2.7	8.0	110.5	91.3	103.9	3.1	3.3	1.7	0.9	15.7	183.9	122.5	116.7	39.3	44.4	111.5
02	148.7	128.9	57.7	69.8	68.9	123.2	98.0	28.8	63.4	51.6	37.9	18.8	22.5	16.2	13.3	76.2	13.6	14.3	17.5	16.4	44.5	19.1	35.0	16.1
03	28.9	13.4	34.6	25.1	12.5	17.1	36.3	13.3	25.5	4.1	2.0	6.2	2.1	2.0	2.0	3.1	0.6	7.6	11.1	1.0	16.6	9.5	0.9	44.5
04	14.8	14.0	5.3	6.4	44.7	73.0	3.1	4.0	80.6	44.8	24.0	8.9	28.9	23.0	2.1	8.5	2.1	3.0	3.8	4.4	54.9	161.6	3.2	18.1
05	3.9	6.6	7.9	5.5	4.8	4.9	5.0	15.2	4.1	3.3	28.3	5.8	22.3	1.9	2.0	1.1	8.8	1.1	8.8	1.8	1.8	1.8	8.7	1.8
06	1.7	5.2	1.7	1.7	13.2	1.7	39.9	3.6	4.6	31.2	1.9	2.9	3.0	9.4	5.8	23.1	8.7	7.6	6.9	21.8	6.3	6.4	6.4	76.3
07	48.1	6.4	7.3	15.2	23.5	9.3	32.6	10.3	43.6	1.9	57.7	17.0	22.3	88.5	127.8	38.2	25.6	57.2	8.9	8.2	17.0	8.8	27.0	7.6
08	7.6	12.3	8.4	23.0	31.2	8.5	8.5	31.8	13.1	6.6	43.7	28.5	47.4	17.3	65.5	88.3	3.7	24.5	50.4	45.1	17.5	10.6	36.3	32.0
09	8.5	49.7	43.6	27.9	17.1	9.6	15.0	15.9	35.4	16.0	6.6	5.5	4.7	47.3	4.9	3.2	7.3	26.5	16.8	17.0	23.0	16.5	34.0	16.5
10	17.7	20.4	18.7	30.3	35.1	18.1	22.9	15.9	18.1	7.6	3.1	47.5	5.3	51.3	70.0	0.6	4.8	0.6	1.0	0.9	5.8	1.6	0.9	0.9
11	1.0	1.8	1.0	1.0	3.7	24.1	2.8	21.2	28.5	1.9	47.0	31.2	34.9	38.4	50.8	0.5	0.5	0.5	0.5	0.5	0.8	0.9	0.9	6.6
12	0.9	1.0	1.0	1.0	1.0	16.3	18.8	42.8	1.1	1.1	2.0	79.8	1.7	17.1	3.1	26.6	8.2	0.8	2.2	2.7	2.6	3.4	3.6	3.8
13	7.6	4.0	30.4	4.2	8.0	5.5	3.8	7.6	2.4	6.4	3.8	17.8	0.7	1.4	18.7	0.5	0.9	3.0	2.8	4.7	3.3	13.1	3.3	9.0
14	3.9	69.2	3.9	15.3	4.0	15.2	7.9	16.2	24.1	24.5	3.4	3.9	1.2	3.2	9.8	87.1	2.5	59.4	22.0	34.5	27.4	27.9	17.2	43.4
15	27.2	50.0	22.3	35.4	30.9	37.4	28.3	20.0	16.5	18.1	35.7	52.3	30.5	33.2	66.6	20.9	78.5	92.2	24.6	41.7	41.1	13.7	13.9	30.1
16	16.1	16.1	64.4	19.5	52.2	55.5	24.1	17.7	17.2	18.8	60.4	22.8	69.7	80.4	18.9	19.1	31.2	20.3	23.6	39.7	22.3	22.6	58.2	67.4
17	35.3	44.4	44.1	57.3	70.9	61.4	56.9	74.6	62.7	48.3	39.0	33.2	46.7	29.3	50.7	65.2	76.5	36.9	54.3	56.7	59.8	65.1	70.7	66.8
18	70.8	77.6	76.9	82.3	80.4	84.2	85.0	84.9	76.7	112.8	68.3	46.6	50.3	123.0	61.0	100.6	82.1	81.8	103.0	104.9	102.3	95.3	95.6	96.7
19	79.1	76.5	76.5	74.2	73.6	71.2	76.9	62.8	59.3	49.1	19.7	27.9	22.8	19.1	25.2	82.2	166.7	29.2	28.0	29.7	28.9	23.9	49.5	30.9
20	21.4	20.4	20.1	14.3	15.1	18.1	11.8	38.9	8.1	9.5	4.9	53.8	37.1	32.7	30.2	4.4	5.8	4.6	6.6	5.7	2.2	2.3	2.3	3.8
21	5.5	9.8	24.9	8.9	1.5	6.0	21.1	9.0	6.1	7.6	5.5	37.7	17.3	96.8	70.9	98.0	60.2	44.2	16.9	16.8	14.6	15.0	74.0	35.9
22	15.9	24.9	15.0	21.9	23.4	24.4	30.9	16.8	26.8	32.5	7.6	6.9	9.4	4.8	32.2	6.4	9.8	11.9	16.7	19.9	16.3	13.9	13.4	32.1
23	39.2	14.8	28.7	25.6	28.5	15.5	15.5	17.8	8.3	7.5	10.9	61.7	6.9	4.2	13.3	8.3	14.1	19.1	5.1	4.9	9.2	9.0	2.8	4.9
24	3.6	11.5	16.1	1.5	5.2	20.3	5.6	17.6	2.4	0.9	13.7	99.0	40.7	28.9	31.9	5.9	36.4	13.8	16.0	17.4	19.6	23.0	24.0	16.5
25	19.3	22.7	28.5	30.0	54.7	38.9	31.7	32.3	33.7	13.6	31.6	29.0	19.5	30.6	17.0	17.8	31.6	10.3	9.3	8.8	9.2	9.2	10.3	15.1
26	11.0	18.4	11.4	30.1	44.3	29.7	21.6	41.5	12.2	10.1	21.3	10.6	54.3	71.7	12.4	8.5	11.7	7.1	9.4	8.1	47.9	11.7	6.9	6.5
27	6.8	17.8	6.8	8.0	11.1	14.0	11.7	17.6	54.5	6.7	2.8	8.1	1.3	0.4	0.4	41.6	4.5	0.4	0.6	15.3	0.6	0.6	0.6	6.0
28	0.7	5.3	0.7	9.3	17.1	5.3	14.6	10.1	5.6	2.5	3.8	1.5	0.7	21.5	37.1	2.7	2.2	2.9	2.9	7.9	2.1	2.2	5.3	3.2
29	18.2	13.3	26.6	3.8	3.8	3.7	32.1	21.0	5.3	13.6	7.4	1.9	1.2	3.0	1.9	0.4	33.3	0.4	0.7	0.7	0.7	1.2	0.7	1.4
30	1.4	1.5	4.0	2.5	2.5	2.6	23.7	2.6	2.5	2.5	2.4	4.4	2.9	39.0	1.2	0.4	16.3	0.4	5.0	4.5	4.4	4.6	23.6	3.9
31	3.5	3.7	8.9	6.1	11.0	4.1	32.2	28.0	4.2	0.9	0.9	3.0	4.9	1.4	17.5	4.3	2.1	9.4	22.1	16.7	5.0	5.1	5.3	4.7
Média	21.6	26.0	22.6	21.4	25.7	26.5	26.6	24.7	24.2	18.2	22.8	27.9	23.1	30.3	28.0	27.3	24.2	19.6	22.0	22.0	23.4	20.6	21.9	26.3

Radiação Líquida Junho 2012																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-56.4	-60.6	-64.0	-68.6	-71.4	-73.5	-76.2	-55.1	17.4	69.9	297.7	583.8	150.8	454.7	357.2	280.2	93.7	-29.8	-42.7	-45.6	-51.0	-56.7	-61.0	-65.5
02	-69.8	-72.6	-74.1	-76.8	-78.4	-80.0	-81.1	-46.8	103.5	278.1	217.7	110.2	93.7	250.9	379.7	152.7	30.5	-38.6	-53.0	-49.5	-47.7	-44.9	-54.4	-64.4
03	-75.1	-78.3	-80.9	-82.5	-85.5	-86.7	-88.7	-10.5	-11.6	97.3	365.8	154.8	151.4	519.7	426.2	266.9	107.2	-24.0	-41.1	-45.9	-51.7	-58.7	-63.1	-67.5
04	-71.8	-74.5	-77.1	-80.3	-80.9	-83.0	-85.1	-63.2	34.7	137.4	454.3	457.6	479.3	441.7	367.7	289.7	105.5	-18.8	-32.4	-37.6	-43.2	-50.5	-54.3	-58.1
05	-61.9	-65.3	-69.7	-73.0	-75.7	-77.4	-80.9	-1.4	112.8	247.4	19.6	437.4	445.5	423.8	349.1	250.7	110.0	-28.1	-31.8	-35.8	-39.6	-46.8	-51.3	-55.2
06	-59.0	-58.4	-58.4	-57.8	-62.6	-70.3	-76.2	-25.2	174.3	286.1	140.6	197.2	250.5	474.5	178.3	156.2	127.0	-18.1	-35.0	-40.6	-47.2	-54.5	-59.7	-63.6
07	-68.0	-67.4	-67.4	-66.8	-68.5	-70.8	-73.0	-30.2	38.6	139.0	158.2	288.1	277.9	146.6	148.8	104.4	11.0	-40.4	-41.2	-44.8	-48.7	-53.5	-55.9	-57.6
08	-59.3	-61.7	-63.4	-65.7	-66.8	-66.7	-67.8	-42.8	100.9	70.3	163.5	270.2	539.2	207.6	145.7	430.0	108.6	-35.3	-42.9	-48.5	-55.1	-63.3	-65.5	-66.9
09	-69.6	-70.2	-71.3	-71.8	-74.0	-75.0	-77.1	-58.6	41.1	297.9	203.9	275.4	510.5	485.7	375.5	227.3	84.6	-35.0	-43.3	-48.8	-55.6	-63.2	-65.2	-68.4
10	-70.9	-73.6	-76.3	-78.9	-80.4	-82.5	-84.0	-50.6	79.7	342.5	429.0	480.9	478.4	480.8	388.8	167.4	74.2	-34.3	-54.3	-56.0	-56.0	-59.7	-62.0	-64.4
11	-66.3	-67.5	-67.9	-69.1	-70.2	-70.1	-71.2	-46.0	17.1	136.4	339.8	516.5	87.0	235.2	120.5	75.3	4.7	-33.4	-53.0	-56.4	-59.5	-63.7	-67.6	-70.7
12	-74.5	-76.6	-78.2	-79.7	-79.7	-79.7	-79.2	-72.0	-0.4	30.5	144.5	219.2	468.7	458.4	354.1	249.5	86.4	-33.9	-45.6	-49.9	-55.4	-61.7	-65.9	-70.9
13	-74.5	-78.8	-82.4	-86.5	-86.5	-86.0	-85.4	-41.7	15.6	255.9	269.5	365.5	456.3	478.2	378.3	266.9	118.0	-11.5	-44.7	-51.2	-54.5	-58.8	-63.6	-68.2
14	-73.0	-75.2	-75.2	-77.7	-76.8	-76.2	-77.1	-56.3	-21.4	47.2	111.2	207.8	526.1	463.7	362.4	243.6	29.1	-28.8	-48.4	-53.3	-58.3	-65.2	-70.5	-75.7
15	-80.9	-83.4	-86.5	-88.6	-89.1	-90.4	-91.5	-74.8	173.2	234.8	391.6	478.0	223.5	465.9	356.4	253.0	138.6	-22.2	-53.6	-58.9	-64.1	-71.7	-74.5	-78.0
16	-81.5	-82.9	-83.6	-85.0	-85.0	-85.0	-84.4	-53.5	-4.5	88.5	226.7	259.2	242.0	454.0	30.1	237.0	16.3	-31.0	-49.3	-54.5	-61.3	-69.9	-73.5	-78.2
17	-82.3	-85.5	-88.9	-93.3	-94.3	-96.2	-98.1	-78.7	-44.8	72.5	115.4	454.5	480.9	433.5	343.7	225.3	81.2	-37.9	-44.6	-51.1	-56.9	-65.6	-70.4	-75.1
18	-80.3	-83.6	-86.5	-91.5	-91.9	-94.3	-95.2	-70.2	1.6	83.7	179.1	215.2	522.4	419.8	350.0	303.5	131.8	-22.4	-46.2	-52.8	-59.9	-68.1	-72.3	-77.7
19	-82.2	-85.3	-86.9	-89.3	-92.2	-94.7	-97.5	-83.5	-38.6	131.5	360.2	516.0	455.0	499.9	351.1	300.1	81.8	-28.1	-42.1	-45.1	-50.4	-55.9	-59.7	-64.2
20	-67.9	-71.8	-74.5	-78.8	-81.4	-83.9	-87.3	-56.2	-44.1	71.2	84.1	501.8	534.5	204.9	292.7	96.4	131.7	-19.8	-31.7	-37.4	-43.3	-50.1	-56.4	-61.9
21	-68.0	-70.7	-73.3	-75.6	-77.1	-76.6	-77.1	-67.0	0.6	274.4	184.0	447.7	412.6	131.0	394.7	199.3	87.4	-10.0	-34.7	-37.0	-42.1	-46.5	-50.4	-55.6
22	-59.1	-62.0	-63.6	-66.4	-69.7	-72.4	-75.1	-26.0	45.0	297.4	118.4	249.3	431.1	275.4	381.5	264.8	103.7	-12.5	-28.3	-33.8	-38.9	-47.0	-51.4	-54.5
23	-58.9	-61.8	-64.5	-67.3	-68.5	-68.9	-70.1	-31.3	16.3	154.7	221.1	172.1	332.1	583.5	312.8	304.9	13.2	-8.5	-30.1	-35.3	-39.0	-44.5	-47.6	-51.2
24	-54.1	-56.4	-57.4	-59.1	-62.3	-65.4	-68.0	-38.0	-11.5	48.4	136.4	147.4	92.3	119.5	195.9	161.6	19.9	-40.5	-51.8	-55.7	-59.6	-64.6	-63.9	-62.7
25	-62.0	-64.7	-67.4	-70.1	-74.5	-78.1	-81.7	-65.3	-11.9	207.5	155.5	179.1	491.5	489.1	424.2	301.1	140.3	-23.8	-51.7	-57.3	-62.5	-70.4	-73.9	-76.8
26	-80.3	-82.8	-84.8	-86.9	-88.3	-88.7	-89.7	-57.5	116.2	279.5	400.1	480.6	448.1	459.0	349.7	217.9	75.3	-51.8	-64.6	-68.6	-75.9	-82.9	-86.0	-90.7
27	-94.4	-95.3	-96.2	-97.6	-100.3	-104.0	-106.7	-84.0	3.7	75.0	385.6	402.5	422.5	209.2	161.0	140.6	156.5	-51.3	-61.6	-61.7	-62.3	-64.4	-62.9	-61.8
28	-60.3	-61.9	-62.9	-64.4	-66.6	-68.9	-70.5	-42.5	31.4	310.5	76.3	81.3	405.1	149.1	391.3	250.4	37.1	-36.4	-55.3	-60.8	-66.2	-74.9	-78.2	-80.5
29	-83.4	-86.9	-89.8	-93.2	-96.1	-98.3	-100.2	-71.8	-34.8	56.1	387.4	436.3	348.0	437.6	351.9	235.6	93.8	-38.5	-52.2	-53.9	-58.3	-63.3	-70.5	-78.4
30	-85.8	-88.8	-92.1	-95.5	-96.8	-98.7	-100.6	-86.7	-37.9	53.3	316.2	489.5	298.5	473.3	350.1	233.7	1.8	-26.5	-52.5	-55.8	-59.4	-63.7	-64.9	-66.2
Média	-71.1	-73.5	-75.5	-77.9	-79.7	-81.4	-83.2	-52.9	28.7	162.5	235.1	335.8	368.5	377.5	312.3	229.5	80.0	-29.0	-45.3	-49.5	-54.1	-60.2	-63.9	-67.7

Calor sensível Junho 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	2.2	2.2	2.6	2.3	2.1	2.2	9.5	2.4	9.8	1.9	1.2	2.0	8.0	9.5	0.2	1.3	0.1	0.0	-0.6	0.2	0.5	0.8	0.9	1.8
02	1.1	1.2	1.2	10.2	3.7	3.2	1.4	4.7	3.3	24.9	30.3	22.0	13.9	25.1	23.5	9.0	0.6	4.8	0.4	0.3	0.3	0.2	0.6	1.2
03	1.3	1.3	1.4	1.5	1.5	3.9	20.8	1.7	1.7	4.4	1.5	24.9	33.1	10.3	10.3	3.5	1.4	0.1	0.0	0.4	0.8	1.3	1.4	1.6
04	3.3	1.9	2.3	1.8	14.0	10.1	6.6	3.0	1.9	2.0	1.4	44.5	15.3	1.0	6.5	2.5	0.0	-0.2	-0.5	0.1	0.6	1.1	1.3	1.5
05	1.7	1.8	3.4	2.2	3.2	2.4	2.5	2.6	1.2	21.7	24.8	34.1	68.4	38.5	17.1	18.5	10.9	0.1	-0.3	0.0	0.3	0.6	0.7	0.8
06	0.9	0.9	0.9	0.9	1.0	1.1	1.9	1.4	1.4	28.5	13.6	1.5	1.1	0.3	0.3	0.0	0.0	0.0	0.0	0.2	0.4	0.6	1.6	2.0
07	2.2	0.9	8.6	0.8	0.9	6.8	1.2	5.2	1.2	1.2	13.2	3.6	13.7	0.5	1.4	0.5	0.2	0.3	1.0	0.7	1.1	1.4	2.1	1.6
08	3.7	1.9	5.3	1.6	7.9	2.5	21.3	8.1	13.7	20.4	8.9	0.8	0.3	4.8	0.6	0.4	0.6	0.3	0.1	0.4	4.8	3.8	1.3	5.9
09	2.6	2.1	2.7	1.5	1.6	1.6	6.6	7.7	9.9	9.3	14.2	18.3	12.5	0.5	1.2	0.1	0.0	0.0	0.0	0.2	0.5	0.7	3.7	0.8
10	6.6	9.8	1.0	3.1	5.3	4.0	1.1	8.9	10.0	3.0	1.3	0.9	9.4	0.6	0.9	6.4	1.5	0.3	2.8	9.3	1.9	1.4	1.6	1.7
11	1.9	2.5	2.0	6.8	2.3	7.0	4.5	2.2	1.9	2.0	1.4	23.1	3.1	2.1	3.1	1.1	1.3	1.2	1.1	7.5	2.0	4.6	2.7	12.4
12	5.0	3.3	3.4	6.2	3.5	3.5	17.9	10.4	3.4	3.5	3.2	8.8	30.0	1.4	1.7	0.2	2.2	0.2	0.1	0.7	1.2	1.8	2.0	3.4
13	2.5	3.8	2.6	3.1	11.6	4.3	3.5	6.6	2.1	2.5	1.2	0.5	9.1	0.4	0.9	0.0	0.1	0.1	0.2	0.6	0.9	1.2	1.4	1.4
14	1.5	2.2	2.6	2.7	2.7	2.6	2.6	4.3	6.9	3.3	9.7	1.3	14.7	25.7	6.9	5.0	0.1	0.0	0.0	2.5	5.7	1.9	1.7	1.9
15	2.1	8.5	2.3	2.4	6.1	2.9	22.7	3.0	2.5	1.7	11.1	19.7	0.9	11.7	3.8	1.2	0.7	0.0	0.0	0.6	1.2	1.9	2.0	2.3
16	2.5	2.2	2.2	2.3	2.3	2.3	2.3	8.2	2.4	10.4	28.5	1.5	1.2	8.3	10.4	0.4	0.1	0.1	0.0	0.5	0.9	1.4	5.9	1.7
17	1.8	2.0	7.8	2.2	2.3	2.7	2.8	7.5	2.8	2.8	2.2	1.2	1.1	7.7	0.1	0.1	0.1	0.0	0.1	0.4	0.5	1.0	0.9	1.0
18	1.4	1.5	1.6	1.7	12.4	6.1	1.8	2.3	4.5	2.7	2.1	27.6	43.7	26.7	29.4	1.1	0.6	0.1	0.0	0.6	1.3	1.8	2.3	2.6
19	2.8	3.0	3.1	2.9	8.1	13.8	11.2	3.7	3.3	1.4	23.2	1.1	12.8	0.7	0.2	1.7	0.8	0.1	0.0	0.4	0.9	1.4	1.6	2.0
20	6.9	2.1	2.9	2.4	7.1	3.0	2.8	2.8	2.8	2.8	2.4	3.6	1.0	2.8	7.8	0.2	0.2	0.1	0.1	0.4	0.8	1.2	1.4	1.7
21	2.7	2.0	2.2	2.3	3.9	2.4	5.4	9.6	2.5	10.6	1.2	0.5	5.9	1.2	2.6	0.3	0.0	0.0	-0.2	0.2	0.5	0.9	1.0	1.2
22	1.4	1.7	1.8	1.9	2.1	6.1	2.3	2.3	10.2	9.8	14.5	20.8	5.8	3.3	3.5	0.5	0.0	-0.1	-0.3	0.0	0.3	0.7	0.9	1.0
23	1.1	1.2	1.3	1.4	2.2	1.4	1.5	1.5	1.5	1.6	1.0	1.8	0.3	3.0	0.1	0.0	0.0	-0.1	-0.3	0.1	0.4	0.8	0.9	1.0
24	1.0	1.1	1.2	1.2	1.4	8.0	3.2	2.6	7.4	17.5	0.6	1.0	7.0	3.9	1.9	0.5	1.4	0.4	0.5	0.8	1.1	1.2	1.2	1.2
25	2.3	1.0	1.4	1.1	1.2	2.0	1.4	2.1	2.1	4.7	0.9	0.5	0.2	2.5	3.7	0.1	2.9	0.1	0.3	2.4	6.5	2.1	1.7	8.2
26	3.8	6.5	4.5	2.4	9.5	7.7	2.1	6.4	2.0	20.4	1.1	0.6	8.2	0.8	0.1	1.6	4.0	0.2	0.0	0.1	10.9	6.4	7.7	0.4
27	11.8	1.7	0.9	1.4	5.7	7.0	11.0	14.9	3.2	58.7	10.1	3.1	0.3	1.0	0.2	0.2	0.2	0.1	0.1	0.1	1.8	4.6	0.2	0.9
28	0.2	1.2	2.7	0.3	0.3	5.4	1.5	0.3	0.3	0.5	0.3	7.3	0.1	0.1	1.5	2.2	0.0	0.0	0.0	0.1	0.4	0.2	8.4	1.0
29	0.4	8.5	4.1	0.9	3.2	0.5	5.8	6.9	0.6	0.6	0.5	6.9	0.4	38.6	0.1	3.0	1.1	0.0	0.0	0.0	0.1	0.1	5.8	0.3
30	0.2	9.5	0.3	0.5	0.5	0.5	6.7	0.5	1.5	0.5	0.5	21.4	15.0	10.3	9.4	3.8	0.7	0.0	0.0	0.1	0.1	0.1	0.1	0.2
Média	2.6	3.0	2.7	2.4	4.3	4.2	6.2	4.8	3.9	9.2	7.5	10.2	11.2	8.1	5.0	2.2	1.1	0.3	0.1	1.0	1.6	1.6	2.2	2.2

Calor latente Junho 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	6.0	5.8	6.6	5.6	5.2	5.2	22.2	5.5	22.2	4.2	3.0	5.5	25.1	41.6	1.3	29.5	7.9	0.7	13.0	2.5	2.5	2.5	2.6	4.9
02	2.9	3.0	3.0	24.0	8.7	7.2	3.3	10.7	7.3	56.3	75.5	63.5	47.6	95.3	100.0	43.9	3.2	23.7	1.9	1.8	2.4	2.3	2.5	3.4
03	3.0	3.1	3.2	3.3	3.3	8.5	44.6	3.6	3.6	9.3	3.4	58.8	83.9	32.0	42.3	23.2	13.3	1.9	3.5	3.5	3.5	3.6	3.9	4.1
04	7.9	4.4	5.3	4.0	31.0	22.1	14.2	6.6	4.2	4.2	3.1	105.5	37.9	3.3	34.7	42.2	3.6	3.0	4.5	4.4	3.9	4.0	4.2	4.4
05	4.5	4.7	8.5	5.2	7.5	5.5	5.6	5.8	2.6	47.6	57.4	82.0	174.1	102.7	48.7	55.6	52.0	1.8	2.2	2.1	2.0	2.1	2.3	2.4
06	2.5	2.4	2.4	2.4	2.6	2.8	4.6	3.2	3.3	63.4	33.2	4.3	3.8	1.3	2.5	1.2	0.4	0.6	1.7	1.7	1.7	1.8	4.5	5.3
07	5.6	2.1	21.3	2.1	2.1	16.4	2.9	12.3	2.8	2.9	35.0	10.8	49.2	2.5	9.2	6.9	3.0	3.4	11.5	3.8	3.8	3.9	5.7	4.1
08	9.5	5.0	13.3	3.9	19.4	6.0	50.9	19.4	32.8	48.8	22.7	2.1	0.8	17.9	2.9	2.9	5.6	3.4	3.7	3.1	18.7	10.6	3.4	14.9
09	6.3	5.0	6.4	3.6	3.7	3.7	15.1	17.4	22.6	21.1	35.3	51.5	40.6	2.1	8.0	0.8	0.5	0.4	2.1	2.0	2.0	2.1	10.3	2.2
10	16.6	23.7	2.4	7.1	12.0	9.0	2.5	19.8	22.1	6.5	3.2	2.4	30.7	2.5	4.8	61.7	15.8	3.2	45.5	65.6	9.2	4.6	4.6	4.7
11	4.7	6.2	4.8	16.5	5.6	16.5	10.6	5.1	4.5	4.6	3.1	53.2	7.2	5.2	8.8	3.6	5.0	5.7	6.5	31.6	6.3	12.3	6.8	30.2
12	11.7	7.5	7.6	13.9	7.7	7.7	39.9	22.8	7.3	7.5	7.1	20.1	71.2	4.2	6.7	1.3	19.5	2.0	4.5	5.0	5.0	5.1	5.3	8.5
13	5.9	8.6	5.7	6.7	25.3	9.2	7.5	14.5	4.7	5.5	2.9	1.4	30.7	2.0	6.5	0.7	2.1	1.3	3.7	3.9	3.8	3.8	4.0	3.5
14	3.7	5.3	6.0	6.1	6.1	6.0	6.0	9.9	15.7	7.4	24.2	3.6	46.9	104.1	37.4	44.7	1.3	0.7	4.2	20.4	23.7	5.3	4.3	4.5
15	4.8	18.8	5.1	5.2	13.1	6.2	47.7	6.2	5.3	3.6	25.6	51.7	2.8	49.1	26.7	23.9	19.8	2.4	4.7	5.4	5.2	5.3	5.4	5.5
16	5.7	4.9	4.9	5.0	5.0	5.0	4.9	17.7	5.1	21.8	65.1	3.9	3.6	29.0	45.3	2.1	0.7	1.4	2.8	3.4	3.4	3.6	14.4	3.9
17	4.0	4.2	16.4	4.5	4.6	5.5	5.6	15.0	5.6	5.6	4.5	2.6	2.5	22.2	0.5	0.5	0.5	0.5	2.0	2.6	2.0	2.7	2.2	2.3
18	3.1	3.3	3.4	3.5	25.8	12.6	3.7	4.7	9.1	5.5	4.3	60.4	99.8	78.8	128.6	10.1	7.1	2.1	3.9	4.6	5.3	4.9	5.9	6.1
19	6.3	6.6	6.7	6.1	16.9	28.1	22.3	7.4	6.5	2.9	48.9	2.5	29.7	2.2	0.7	18.1	11.8	3.3	4.4	4.2	4.1	4.1	4.3	5.2
20	16.8	5.0	6.7	5.5	15.9	6.5	5.9	5.9	5.8	5.9	5.4	8.3	2.5	9.2	40.5	3.0	4.3	2.8	2.9	3.1	3.3	3.6	4.0	4.4
21	6.7	4.9	5.1	5.3	8.9	5.3	11.9	21.2	5.4	23.2	2.8	1.3	19.5	5.5	20.4	7.1	1.7	2.3	3.3	3.1	3.1	3.0	3.1	3.4
22	3.6	4.5	4.5	4.7	4.9	14.3	5.2	5.2	22.8	22.0	37.4	64.6	24.7	19.3	33.2	11.5	1.9	1.7	1.9	2.4	2.4	2.6	2.7	2.8
23	3.0	3.1	3.2	3.4	5.4	3.4	3.5	3.5	3.6	3.6	2.6	5.2	1.0	13.2	0.8	0.2	2.0	1.7	2.9	2.9	2.8	2.9	3.1	3.3
24	3.5	3.6	3.6	3.7	3.8	21.0	8.0	6.2	17.6	40.7	1.5	2.3	16.3	11.4	7.8	3.6	9.8	3.4	3.9	3.9	3.9	3.4	3.3	3.2
25	6.1	2.5	3.4	2.7	2.9	4.5	3.1	4.6	4.5	10.4	2.2	1.4	0.8	10.1	20.3	0.9	27.3	1.5	4.3	14.2	24.5	5.9	4.5	19.8
26	8.7	14.5	9.8	5.0	20.2	16.1	4.3	13.3	4.2	42.9	2.5	1.6	26.2	3.5	1.0	22.2	62.5	4.8	1.0	0.9	42.1	17.4	19.3	1.0
27	26.0	3.7	1.9	2.9	11.4	13.8	21.1	28.3	6.1	110.2	21.3	7.4	1.0	2.8	0.6	0.6	0.6	0.6	0.9	0.8	7.8	14.9	0.7	2.5
28	0.6	3.0	6.6	0.7	0.7	12.5	3.4	0.7	0.7	1.3	0.7	20.8	0.4	0.4	9.1	19.8	0.5	0.5	0.5	0.5	1.5	0.5	21.7	2.5
29	0.9	18.5	8.6	1.8	6.5	1.0	11.4	13.4	1.1	1.1	1.0	14.6	0.9	116.5	0.5	37.9	27.4	0.5	0.5	0.5	0.4	0.4	16.7	0.9
30	0.5	20.4	0.6	1.0	1.0	1.0	13.2	1.0	2.9	1.0	1.0	49.0	37.9	33.3	42.9	31.0	6.6	0.5	0.5	0.4	0.4	0.4	0.4	0.4
Média	6.4	6.9	6.2	5.5	9.6	9.4	13.5	10.4	8.7	19.7	17.9	25.4	30.6	27.4	23.1	17.0	10.6	2.7	5.0	6.8	6.7	4.7	5.9	5.5

Radiação Líquida Julho 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-67.6	-74.5	-80.0	-86.1	-88.1	-89.6	-91.0	-82.7	-16.5	214.6	361.2	441.4	451.0	439.1	363.5	246.5	103.4	-35.5	-56.1	-58.4	-63.4	-70.0	-74.9	-79.8
02	-84.7	-88.2	-91.6	-94.9	-97.8	-100.0	-102.8	-85.1	-16.6	47.5	344.1	489.3	505.6	416.4	385.4	242.7	93.9	-36.8	-53.4	-56.7	-60.6	-67.4	-72.4	-77.3
03	-82.8	-86.3	-89.1	-93.1	-92.5	-91.4	-91.4	-65.4	-2.7	129.8	432.5	509.6	491.5	433.0	364.4	244.1	91.0	-41.3	-58.8	-62.4	-68.3	-75.7	-80.2	-85.4
04	-90.6	-92.0	-93.5	-94.8	-97.6	-99.4	-102.2	-73.5	44.4	161.1	320.5	283.4	275.1	325.5	304.0	163.3	26.0	-5.3	-53.1	-56.4	-61.5	-67.8	-72.3	-77.4
05	-82.4	-82.4	-81.9	-81.9	-83.8	-85.4	-87.3	-66.8	17.1	110.6	125.5	228.2	226.7	134.0	216.3	150.4	131.7	-25.3	-47.7	-51.9	-57.0	-63.3	-70.6	-76.6
06	-83.4	-79.8	-74.3	-71.0	-72.0	-71.0	-72.0	-58.1	238.7	70.8	273.6	540.2	267.7	199.0	393.4	254.4	109.6	-30.1	-49.1	-55.3	-62.3	-70.7	-76.3	-80.1
07	-85.0	-86.9	-89.8	-93.2	-92.2	-91.3	-89.7	-28.7	-3.0	52.0	121.9	85.4	557.4	501.9	364.9	195.9	57.5	-15.5	-53.9	-56.5	-60.9	-64.8	-70.3	-74.8
08	-79.4	-82.0	-84.8	-88.8	-91.7	-94.1	-96.8	-76.4	7.5	203.6	383.8	448.5	515.7	425.2	255.6	232.1	105.1	-23.8	-40.3	-45.8	-53.2	-61.5	-61.0	-59.2
09	-59.5	-62.7	-65.9	-69.2	-69.7	-71.3	-72.4	-31.3	127.4	296.4	393.3	566.3	131.8	523.2	50.0	301.8	126.8	-30.6	-60.1	-63.6	-70.7	-77.7	-81.3	-85.0
10	-88.2	-90.1	-91.0	-92.9	-97.1	-100.3	-105.4	-63.8	63.9	209.6	358.3	458.0	495.8	471.6	376.7	299.4	89.5	-48.6	-67.4	-66.3	-65.7	-65.1	-71.6	-81.4
11	-93.5	-96.3	-99.0	-102.7	-103.8	-107.4	-109.1	-77.5	4.7	36.4	372.1	431.4	476.3	419.2	357.9	287.7	116.1	-29.4	-55.0	-57.2	-61.6	-66.8	-70.1	-73.9
12	-78.4	-81.3	-83.7	-86.2	-84.6	-83.2	-83.1	-53.4	34.8	256.7	367.7	432.0	184.9	523.6	368.1	268.4	126.7	-11.4	-34.4	-37.8	-44.5	-53.7	-55.0	-55.2
13	-55.4	-60.5	-66.3	-71.4	-73.5	-74.5	-75.6	-32.0	127.7	162.1	209.0	320.0	452.0	325.4	329.1	114.8	58.8	-28.2	-44.7	-49.3	-54.6	-60.7	-62.0	-63.5
14	-65.8	-68.9	-72.0	-75.7	-79.3	-82.8	-86.2	-47.3	85.1	287.5	396.7	489.2	180.7	442.6	203.5	157.0	104.7	-13.3	-36.9	-41.8	-46.6	-51.6	-56.8	-62.6
15	-67.8	-68.9	-70.6	-71.7	-70.5	-70.5	-69.3	-33.0	-34.8	161.0	169.5	692.9	486.4	511.3	412.1	293.0	148.6	-22.5	-46.9	-52.2	-59.1	-65.9	-68.7	-72.3
16	-75.7	-75.1	-74.5	-74.0	-72.3	-69.5	-67.8	-61.4	-27.8	123.2	565.9	161.8	604.4	304.9	132.2	253.2	144.5	-27.4	-56.2	-57.9	-61.2	-63.3	-66.6	-69.4
17	-72.8	-72.3	-71.9	-70.9	-70.9	-69.7	-69.7	-44.8	156.7	160.5	306.2	109.8	388.6	170.5	428.3	94.0	77.1	-17.2	-57.5	-57.6	-59.4	-60.1	-61.6	-63.8
18	-65.3	-64.8	-64.1	-64.1	-65.2	-64.8	-66.8	-29.2	-13.5	334.2	216.4	526.6	123.2	480.2	397.2	515.7	188.3	-22.0	-46.2	-50.5	-55.4	-60.6	-63.1	-66.2
19	-69.3	-72.0	-74.5	-77.1	-77.1	-76.6	-76.0	-44.2	159.4	326.2	466.5	536.0	515.3	541.0	498.1	349.0	184.8	-4.9	-68.3	-71.1	-75.6	-82.0	-85.2	-88.1
20	-91.6	-93.4	-95.1	-96.3	-97.2	-98.7	-99.6	-90.8	-54.1	2.4	51.2	113.7	305.2	454.7	390.8	181.0	81.7	-31.7	-66.8	-66.2	-66.2	-65.7	-70.1	-74.5
21	-79.0	-82.4	-85.9	-89.7	-92.6	-95.4	-98.2	-88.9	-58.4	3.3	105.5	128.6	231.6	518.2	81.2	259.1	144.6	-15.1	-42.9	-47.6	-53.9	-61.8	-66.8	-72.9
22	-78.4	-81.4	-83.9	-86.8	-89.7	-91.6	-94.4	-72.6	39.1	76.7	332.0	467.2	477.6	471.9	369.8	245.3	128.8	-12.7	-36.3	-42.7	-52.5	-61.2	-66.2	-71.2
23	-75.7	-78.2	-80.2	-82.6	-85.0	-87.4	-89.7	-9.6	153.6	303.7	419.8	464.1	464.3	445.4	386.6	275.5	133.7	-14.2	-50.7	-52.5	-58.3	-67.4	-71.8	-76.5
24	-81.6	-84.5	-86.8	-89.6	-93.5	-96.2	-99.3	-35.3	123.2	284.0	375.6	459.7	478.1	460.3	387.3	272.9	126.7	-21.2	-55.7	-60.4	-65.1	-73.7	-77.9	-81.3
25	-86.3	-90.1	-92.9	-97.4	-100.7	-103.7	-105.4	-55.3	83.3	222.7	367.9	460.4	480.2	453.8	382.1	296.8	144.6	21.2	-57.3	-62.4	-69.7	-78.6	-81.9	-84.8
26	-88.7	-92.4	-95.6	-99.2	-101.9	-103.6	-105.4	-56.9	76.5	227.8	420.0	465.9	482.5	452.6	390.2	268.2	128.0	-20.0	-56.2	-58.4	-64.3	-72.3	-77.0	-82.7
27	-89.2	-92.0	-94.3	-97.0	-100.7	-103.3	-105.9	-81.1	108.7	214.9	388.4	484.1	484.6	461.8	394.2	268.8	193.8	5.2	-56.1	-57.3	-61.9	-66.2	-70.7	-76.2
28	-82.0	-85.8	-87.6	-90.4	-93.7	-96.3	-99.4	-71.5	83.4	228.1	388.7	458.0	469.6	462.8	405.5	288.3	140.0	9.4	-48.3	-53.8	-60.7	-69.5	-74.0	-78.9
29	-84.0	-87.8	-91.6	-94.4	-96.6	-98.8	-101.0	-59.2	109.0	237.0	413.9	492.3	639.5	483.8	425.8	326.8	204.0	38.8	-57.1	-60.7	-65.3	-72.8	-78.8	-83.9
30	-90.5	-94.1	-97.8	-100.4	-102.2	-103.6	-104.8	-32.3	144.0	305.4	405.2	484.7	530.2	485.2	418.8	282.1	131.6	-26.2	-52.3	-51.7	-51.1	-50.6	-54.1	-63.9
31	-76.0	-78.4	-80.8	-83.1	-87.5	-91.9	-95.1	1.0	183.2	337.0	466.8	544.4	563.5	261.1	259.0	157.4	184.5	-22.0	-53.0	-53.8	-56.3	-58.4	-62.8	-67.6
Média	-79.1	-81.5	-83.6	-86.0	-87.8	-89.1	-90.7	-55.1	62.7	186.7	332.9	412.0	417.3	419.3	338.4	251.1	123.4	-18.0	-52.2	-55.4	-60.2	-66.0	-70.1	-74.4

Calor sensível Julho 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.3	0.9	0.2	0.3	1.6	0.3	1.3	17.5	0.5	2.9	35.5	9.7	20.9	1.7	0.1	3.0	3.2	0.1	0.0	0.0	0.1	0.2	0.2	5.7
02	3.0	0.3	5.0	0.3	6.4	0.3	0.3	0.3	0.3	0.3	5.9	0.4	1.6	1.8	2.3	4.9	0.5	0.0	0.0	0.0	6.1	4.7	1.9	1.6
03	6.8	0.2	4.4	9.8	3.4	0.3	18.9	0.3	11.3	0.3	0.2	8.6	9.8	0.8	4.8	0.0	0.0	0.0	0.0	0.1	0.1	8.9	1.0	9.0
04	0.3	0.5	0.3	0.3	0.3	26.9	0.3	3.9	15.6	1.0	0.3	30.2	27.3	6.0	5.3	9.4	3.3	2.3	0.0	0.1	0.1	0.2	0.2	0.2
05	8.6	0.2	10.6	0.4	0.2	13.3	5.9	2.0	10.8	0.3	0.2	0.2	0.2	1.5	2.5	0.1	10.2	0.0	0.0	0.1	3.8	0.1	1.0	0.2
06	0.2	3.0	0.3	0.6	0.6	2.3	4.1	0.9	0.6	8.0	1.0	4.5	5.6	1.5	5.0	10.0	1.6	0.0	-0.7	0.2	0.6	2.3	3.2	1.3
07	1.5	1.6	1.6	1.7	1.7	9.1	1.6	1.5	1.4	11.9	11.9	0.9	0.1	0.2	7.1	2.3	1.4	0.1	0.2	0.4	0.6	0.7	3.5	0.9
08	0.7	0.7	0.8	4.9	0.8	4.9	0.9	0.9	0.9	19.2	1.7	1.2	10.1	3.0	0.1	0.0	0.0	0.0	0.0	0.1	9.0	14.8	15.5	20.5
09	6.3	18.8	15.8	21.4	13.2	20.7	23.0	18.1	20.6	14.5	13.4	17.4	47.0	8.3	24.7	1.5	0.5	0.2	0.0	6.2	9.7	2.8	3.8	0.2
10	16.2	0.4	0.3	8.0	2.7	13.5	1.0	2.7	30.6	16.6	0.3	0.5	0.4	0.8	0.1	0.1	0.1	0.0	0.0	0.0	0.0	0.4	1.0	0.2
11	5.6	0.3	0.3	1.0	15.8	3.7	7.7	16.9	1.2	1.2	15.1	43.8	18.7	28.0	4.4	5.4	0.0	0.0	0.0	0.2	1.6	0.5	0.5	0.6
12	0.7	2.8	3.6	3.0	1.9	0.7	0.7	6.8	4.3	0.4	7.7	32.3	30.0	12.0	12.6	-2.5	-1.5	-0.1	-0.1	0.0	0.8	0.1	0.1	0.1
13	0.1	0.1	0.5	0.9	0.2	0.3	0.4	20.9	5.9	2.4	0.3	0.3	0.9	0.1	0.1	0.1	0.1	0.0	0.0	0.0	1.3	0.1	0.1	0.1
14	0.3	0.8	6.8	0.2	4.1	0.2	2.3	0.3	0.3	34.4	13.9	0.2	0.2	19.4	9.5	0.0	-2.4	0.0	0.0	0.0	0.1	0.1	0.1	0.2
15	13.0	5.5	0.2	3.8	0.2	0.2	0.2	0.2	4.3	0.2	12.2	5.4	4.0	0.1	3.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	2.0
16	23.9	0.2	0.3	7.9	5.9	3.9	4.1	9.0	3.9	0.2	12.0	3.2	14.1	3.4	8.4	3.5	6.5	5.9	1.5	2.1	3.9	0.1	0.3	0.5
17	0.2	0.2	2.0	0.2	0.2	0.2	5.1	8.0	0.2	0.2	11.1	0.6	5.3	7.2	17.4	9.8	17.4	3.4	3.6	1.6	0.2	1.2	3.5	0.7
18	7.5	6.9	0.5	3.1	4.9	2.0	3.8	2.3	2.8	18.2	17.1	9.5	1.6	8.2	9.3	4.5	0.3	0.2	0.1	2.1	2.7	1.9	2.1	2.0
19	2.0	2.9	1.6	8.8	1.7	8.8	24.9	30.5	22.3	28.5	39.1	9.5	43.0	39.6	13.7	4.7	6.1	0.0	0.0	0.7	0.2	0.3	9.6	0.4
20	7.6	4.8	4.2	18.9	6.7	5.1	7.5	12.9	3.3	8.3	1.1	1.7	0.6	26.7	24.3	2.5	1.6	0.1	0.3	0.5	0.5	0.4	0.5	0.6
21	1.0	1.1	0.8	1.3	4.7	1.8	1.9	1.4	11.4	12.5	1.6	1.7	1.1	0.5	0.5	10.5	4.1	0.0	0.0	0.0	0.1	0.4	0.5	0.6
22	1.0	0.7	0.7	6.6	0.8	7.6	11.5	3.2	1.4	1.9	1.2	18.6	0.2	0.2	0.2	0.2	0.1	0.2	-0.1	0.0	0.1	2.6	0.3	0.3
23	0.3	0.4	0.4	12.7	0.4	10.6	0.8	0.8	1.3	0.8	1.4	3.5	10.8	17.9	7.8	-2.1	-1.1	-1.6	-0.3	-0.1	0.2	0.6	0.7	0.9
24	1.0	1.1	1.2	1.2	1.3	1.4	1.5	1.9	1.5	0.3	20.6	1.1	7.6	20.2	2.8	-5.9	-7.5	-0.9	-0.3	0.0	0.3	0.8	1.0	1.2
25	1.5	1.6	1.7	1.8	3.8	2.0	7.9	1.6	0.6	0.6	0.5	42.1	0.6	16.3	1.5	2.6	-0.1	-0.1	-0.3	0.0	0.4	0.7	0.6	1.0
26	10.4	0.8	1.4	1.4	1.5	2.0	2.1	1.6	0.6	0.4	0.5	6.0	4.1	4.4	12.9	-0.4	-6.5	-0.1	-0.2	0.0	0.3	0.6	0.8	1.0
27	13.2	0.8	0.9	0.9	1.0	10.0	5.3	8.7	1.7	1.2	2.4	38.6	33.7	2.6	3.3	0.0	0.0	0.0	0.0	0.2	0.5	0.8	1.0	1.2
28	1.4	1.5	1.6	1.7	1.7	1.8	2.4	2.5	2.1	1.1	0.6	15.0	1.1	18.1	0.5	0.0	0.0	0.0	-0.3	0.0	0.4	0.8	1.3	1.2
29	1.8	2.0	2.9	1.8	2.3	2.8	2.5	2.6	0.6	37.2	20.6	23.6	19.8	13.5	10.8	0.2	-1.4	0.0	0.0	0.0	0.1	0.2	0.3	0.7
30	3.2	1.3	0.9	1.0	1.0	1.0	11.0	0.6	0.6	1.8	1.0	20.5	3.2	0.2	1.9	0.0	0.0	0.0	-0.1	-0.3	-4.2	-0.2	0.1	3.2
31	4.9	1.0	1.1	5.5	1.2	1.3	11.7	3.2	0.9	10.9	25.8	17.7	12.4	0.1	6.8	-0.2	-0.6	-1.0	-2.2	0.1	0.3	0.4	0.6	0.9
Média	4.7	2.0	2.3	4.2	3.0	5.1	5.6	5.9	5.3	7.7	8.9	11.9	10.8	8.5	6.6	2.1	1.2	0.3	0.0	0.5	1.3	1.5	1.8	1.9

	Calor latente Julho 2012																							
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.7	2.2	0.5	0.5	3.3	0.6	2.6	35.0	1.0	5.6	76.3	23.6	58.0	6.4	0.5	44.3	77.6	4.7	0.5	0.5	0.5	0.5	0.5	13.4
02	6.5	0.5	10.4	0.6	12.9	0.6	0.6	0.6	0.6	0.7	12.1	0.9	4.0	5.9	10.4	38.0	5.3	0.5	0.5	0.5	28.9	14.1	5.2	3.9
03	15.3	0.5	9.4	20.4	7.0	0.6	38.6	0.6	23.2	0.5	0.5	22.6	30.4	3.7	37.8	0.5	0.9	0.6	0.6	0.5	0.5	26.3	2.5	21.0
04	0.6	1.0	0.6	0.6	0.6	52.8	0.6	7.6	30.1	1.9	0.6	70.5	72.4	20.2	24.0	71.0	28.8	23.2	0.4	0.4	0.4	0.4	0.5	0.5
05	18.6	0.5	22.9	0.8	0.5	27.8	12.2	4.1	22.2	0.5	0.5	0.5	0.5	4.7	11.5	0.4	98.7	0.4	0.4	0.4	14.4	0.4	2.9	0.5
06	0.6	9.2	0.8	1.3	1.3	5.3	9.3	2.1	1.3	18.1	2.6	12.5	17.8	6.4	30.4	110.7	43.3	0.5	11.1	2.8	2.8	6.6	8.4	3.1
07	3.2	3.3	3.4	3.5	3.4	18.6	3.3	3.2	3.1	26.1	29.2	2.6	0.4	0.7	38.2	19.4	11.0	0.7	2.0	2.0	2.0	2.0	9.0	2.2
08	1.5	1.5	1.6	9.9	1.7	9.8	1.8	1.8	1.8	36.5	3.5	2.5	23.4	9.2	0.5	0.5	0.5	0.4	0.6	0.6	41.3	44.1	51.5	75.3
09	26.3	68.3	50.4	62.1	38.0	59.7	65.5	51.0	56.8	39.8	40.8	60.3	187.2	40.7	154.5	13.2	6.1	3.3	0.5	48.0	39.8	7.8	9.6	0.5
10	34.7	0.9	0.6	16.4	5.4	25.9	1.9	5.0	54.6	29.3	0.6	1.0	1.0	2.8	0.6	0.6	0.6	0.6	0.6	0.6	0.6	11.6	5.0	0.5
11	11.4	0.6	0.6	1.9	29.5	6.9	13.9	30.2	2.0	2.1	28.1	86.5	39.1	77.1	18.4	47.6	0.5	0.9	1.6	2.3	7.7	1.4	1.4	1.4
12	1.5	6.0	7.7	6.3	3.9	1.5	1.5	14.4	9.0	0.8	16.3	69.1	64.3	37.3	93.2	35.0	12.5	0.4	0.4	0.4	10.3	0.4	0.4	0.4
13	0.4	0.4	1.3	2.0	0.4	0.7	0.8	44.3	12.2	4.9	0.8	0.7	3.5	0.4	0.4	0.4	0.4	0.7	0.4	0.4	7.9	0.4	0.4	0.4
14	0.7	2.0	15.6	0.5	8.8	0.5	4.8	0.5	0.5	68.7	31.3	0.5	0.8	86.9	76.8	28.3	53.8	0.4	0.4	0.4	0.4	0.3	0.4	0.4
15	31.0	13.1	0.4	9.0	0.4	0.4	0.4	0.4	10.2	0.4	29.5	13.0	9.8	0.4	16.8	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	5.2
16	58.0	0.5	0.8	18.8	14.1	9.3	9.7	21.3	9.3	0.4	31.3	9.6	47.6	15.2	53.0	41.8	85.3	82.0	20.1	14.1	17.3	0.4	0.7	1.4
17	0.5	0.5	5.0	0.5	0.5	0.4	12.9	19.9	0.5	0.5	30.4	2.1	21.8	35.5	105.8	77.5	122.4	20.5	19.6	6.8	0.7	3.5	9.5	1.9
18	19.4	17.9	1.2	7.9	12.3	4.9	9.5	5.7	7.0	45.2	43.9	25.7	4.4	28.1	40.3	26.9	2.6	3.1	4.3	15.4	10.6	5.4	5.5	5.0
19	4.6	6.7	3.5	19.2	3.6	18.9	53.2	71.7	58.2	83.0	113.7	27.6	124.9	161.8	86.2	61.7	132.5	0.6	1.1	7.3	0.9	0.9	26.9	0.9
20	17.6	10.7	9.0	39.4	13.5	10.0	14.5	25.9	6.9	18.0	2.6	4.3	1.7	85.8	90.6	11.1	6.2	0.5	0.7	1.3	1.3	1.3	1.3	1.4
21	2.2	2.3	1.5	2.5	9.2	3.4	3.5	2.7	21.7	24.0	3.2	3.7	2.7	1.3	2.0	53.5	35.2	0.4	0.6	0.6	0.6	1.2	1.2	1.3
22	2.2	1.5	1.5	13.4	1.6	14.7	21.9	6.1	2.7	3.6	2.5	41.8	0.4	0.4	0.5	0.5	0.4	4.7	0.4	0.6	0.7	8.2	0.7	0.7
23	0.8	0.8	0.8	26.5	0.8	21.4	1.6	1.6	2.5	1.6	3.1	8.2	28.3	75.3	111.7	21.5	8.1	9.5	1.8	1.6	2.3	2.3	2.3	2.4
24	2.4	2.5	2.5	2.6	2.7	2.7	2.8	3.7	2.9	0.6	41.8	2.5	19.4	83.0	32.5	102.8	83.0	9.0	1.8	2.7	2.5	3.2	3.2	3.2
25	3.3	3.4	3.5	3.6	7.3	3.8	14.4	2.9	1.0	1.0	1.0	95.6	1.5	59.1	10.1	81.2	16.1	0.9	2.8	2.7	2.6	2.7	1.7	2.6
26	22.6	1.7	2.7	2.8	2.9	3.7	3.8	3.0	1.1	0.7	1.0	13.1	10.2	16.5	108.8	23.5	119.2	0.6	1.9	2.6	2.4	2.4	2.4	2.5
27	28.7	1.7	1.7	1.8	1.8	18.6	9.6	15.6	3.1	2.1	4.8	88.6	93.5	10.7	28.7	3.4	8.3	0.5	2.5	2.9	2.9	2.8	2.9	3.0
28	3.1	3.2	3.3	3.3	3.4	3.5	4.6	4.7	3.8	1.9	1.1	27.4	2.1	46.8	2.6	0.5	0.6	0.6	2.5	3.1	3.0	3.0	3.9	3.1
29	4.1	4.2	6.1	3.5	4.6	5.5	4.7	4.8	1.0	68.2	43.3	59.3	65.0	68.0	118.6	36.6	67.6	0.9	0.9	0.9	0.8	0.8	0.9	1.6
30	6.7	2.7	1.8	1.8	1.9	1.9	19.9	1.1	1.1	3.1	1.9	47.2	8.9	0.8	13.9	10.7	0.5	0.5	0.9	3.4	38.2	1.6	2.9	13.5
31	11.7	2.3	2.3	11.5	2.5	2.6	22.6	6.1	1.7	20.6	57.5	48.8	46.7	0.5	82.7	20.2	42.2	32.6	44.2	6.6	4.3	2.8	2.7	2.8
Média	11.0	5.6	5.6	9.5	6.4	10.9	11.8	12.8	11.4	16.5	21.2	28.1	32.0	32.0	45.2	31.7	34.5	6.6	4.1	4.3	8.0	5.1	5.4	5.7

Radiação Líquida Agosto 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-73.0	-74.3	-76.8	-78.2	-79.2	-83.1	-85.0	20.6	42.4	78.5	216.9	523.7	109.2	208.3	281.4	79.8	54.8	-24.2	-50.0	-52.1	-55.4	-58.4	-58.4	-60.3
02	-61.0	-61.0	-61.1	-60.5	-61.6	-62.0	-62.5	-27.7	71.3	150.9	275.0	549.2	116.1	224.4	191.5	486.1	42.2	15.1	-50.5	-52.9	-57.9	-61.7	-61.0	-59.6
03	-58.9	-63.6	-67.6	-72.4	-75.3	-77.7	-79.2	2.1	122.5	325.4	437.1	525.1	564.0	276.0	477.9	363.9	183.5	53.2	-53.9	-56.3	-61.3	-65.1	-67.7	-72.0
04	-75.9	-80.2	-84.0	-88.9	-91.2	-93.1	-95.3	-67.0	40.0	118.4	169.0	43.0	610.3	534.7	455.0	359.6	232.0	54.1	-44.8	-51.2	-58.5	-65.7	-70.5	-73.8
05	-78.5	-82.5	-86.4	-90.2	-92.1	-93.0	-94.0	-31.8	180.5	293.5	326.8	483.4	517.1	361.5	411.1	285.3	162.9	-16.7	-48.8	-56.3	-63.3	-70.7	-72.7	-74.4
06	-77.1	-77.9	-78.2	-79.1	-77.1	-75.0	-72.4	-48.2	59.1	337.7	456.5	266.2	594.4	248.8	469.7	284.3	130.4	-16.2	-51.7	-55.9	-61.4	-69.1	-73.1	-76.8
07	-81.9	-82.8	-84.8	-85.6	-83.1	-80.5	-78.5	-53.8	-31.6	18.0	330.7	573.1	638.3	289.4	408.7	356.8	183.1	25.2	-55.3	-59.5	-65.0	-72.3	-76.6	-81.8
08	-87.0	-88.9	-91.2	-93.6	-94.0	-95.0	-95.3	-68.4	16.4	137.0	405.9	531.8	477.7	499.6	432.0	301.0	158.0	7.4	-68.4	-67.8	-66.7	-66.7	-60.8	-59.3
09	-60.0	-75.2	-88.9	-102.5	-104.6	-106.9	-108.0	-82.1	39.8	243.7	416.2	492.4	665.9	612.4	155.0	145.3	213.6	44.4	-62.8	-65.7	-70.3	-76.2	-79.7	-84.0
10	-88.0	-87.9	-87.3	-87.8	-84.2	-81.8	-77.8	-24.9	43.0	139.4	467.3	500.5	539.4	523.3	471.4	374.3	27.0	54.2	-62.8	-65.4	-70.5	-78.1	-79.6	-82.0
11	-84.9	-88.0	-91.9	-95.0	-92.7	-89.2	-85.9	14.4	78.9	114.5	457.1	585.3	107.6	585.0	111.7	-4.7	243.6	-17.3	-62.5	-65.2	-70.1	-76.7	-80.2	-84.3
12	-89.5	-92.7	-96.5	-99.6	-100.5	-100.4	-100.4	-67.8	23.9	109.2	139.4	484.5	486.4	577.7	211.2	382.4	254.8	25.0	-55.8	-57.4	-59.6	-62.4	-62.1	-61.8
13	-59.8	-61.3	-64.6	-66.8	-68.0	-68.6	-70.0	-30.3	48.0	559.7	482.6	471.2	239.3	558.1	209.7	98.3	35.4	-23.8	-54.6	-54.9	-57.4	-60.3	-61.3	-62.9
14	-65.2	-69.2	-72.8	-76.8	-80.4	-83.8	-86.9	-65.9	-8.4	117.8	188.1	523.7	471.7	147.3	492.9	182.7	363.4	-19.4	-57.3	-58.9	-61.4	-64.6	-70.5	-75.7
15	-81.3	-85.8	-89.7	-94.4	-94.4	-93.9	-92.9	-33.1	7.2	98.1	123.0	97.3	220.1	663.5	505.6	185.5	235.1	27.8	-53.1	-56.8	-60.7	-65.8	-68.8	-70.6
16	-73.7	-71.1	-70.1	-69.9	-68.8	-68.8	-66.6	-27.4	64.8	363.1	138.9	220.1	752.2	585.6	54.6	294.0	255.7	47.6	-53.4	-56.0	-58.5	-62.1	-68.0	-74.0
17	-79.9	-79.3	-78.8	-78.2	-80.7	-83.2	-84.7	9.3	178.1	368.3	579.7	641.2	232.6	118.2	576.6	306.7	309.2	-42.1	-62.8	-60.0	-61.1	-62.1	-62.9	-63.2
18	-63.2	-64.8	-66.4	-68.7	-71.8	-73.7	-75.8	-59.2	89.3	331.5	498.2	597.1	643.2	161.3	280.3	399.8	308.0	-39.6	-55.7	-55.7	-56.6	-60.0	-61.8	-64.9
19	-67.4	-67.2	-67.1	-66.6	-68.8	-70.4	-71.0	-52.5	42.2	285.9	247.2	777.3	680.0	318.4	538.2	139.8	254.6	0.8	-45.7	-53.3	-59.4	-66.2	-69.0	-71.9
20	-74.8	-76.3	-78.4	-81.0	-86.9	-92.1	-96.4	-65.4	45.9	108.4	491.4	67.8	84.6	640.4	631.8	371.4	231.0	40.1	-58.7	-60.8	-65.7	-72.8	-77.6	-83.3
21	-87.9	-94.1	-99.2	-103.6	-106.3	-108.6	-109.2	-46.2	11.1	68.3	109.2	261.8	196.8	319.9	144.0	208.7	57.9	-33.3	-64.1	-63.8	-64.0	-64.0	-65.9	-66.3
22	-67.6	-68.1	-68.2	-70.2	-74.0	-78.6	-83.2	-36.1	38.4	462.9	506.6	623.1	642.1	635.1	141.8	39.8	203.4	-5.9	-60.5	-64.1	-68.6	-74.9	-79.4	-83.8
23	-89.2	-92.0	-94.8	-97.6	-98.8	-100.3	-100.2	-59.9	70.3	122.2	166.8	411.6	673.5	287.2	370.7	150.5	-4.9	-44.4	-58.1	-59.6	-62.4	-65.5	-70.3	-75.0
24	-79.1	-78.0	-77.0	-75.4	-76.5	-77.5	-76.5	-9.2	202.6	345.9	522.3	298.2	353.6	696.8	95.6	385.0	190.9	15.5	-56.7	-58.7	-62.9	-69.0	-74.5	-79.8
25	-86.5	-89.3	-92.1	-94.9	-98.1	-101.7	-102.9	79.3	211.4	507.4	517.2	593.2	687.9	549.5	481.1	330.1	167.2	-15.6	-57.9	-60.2	-64.0	-68.5	-73.5	-78.4
26	-83.8	-81.8	-78.6	-76.6	-76.9	-77.9	-76.0	-14.3	95.1	203.4	383.1	254.6	664.1	578.6	460.9	34.5	60.5	75.9	-54.8	-54.8	-57.2	-61.4	-65.1	-68.8
27	-72.6	-76.4	-80.8	-84.7	-84.1	-84.1	-80.7	-41.6	14.4	518.6	107.0	289.9	668.8	389.1	548.1	411.7	232.4	45.2	-57.9	-59.1	-63.3	-69.5	-74.0	-80.2
28	-85.5	-85.5	-85.5	-85.5	-84.5	-82.4	-78.5	52.7	98.2	253.8	225.6	370.3	716.1	323.6	497.6	106.2	78.0	-22.7	-54.9	-57.6	-61.5	-66.7	-66.6	-67.6
29	-68.1	-71.4	-74.9	-78.3	-79.8	-81.3	-80.4	8.7	110.6	244.9	203.9	633.0	608.8	577.0	465.5	319.2	-40.3	64.0	-44.6	-49.3	-58.0	-71.2	-74.5	-76.6
30	-79.2	-81.7	-84.8	-87.3	-88.7	-90.7	-90.3	-30.9	36.3	115.1	335.1	376.8	657.5	639.8	548.3	453.4	146.1	1.2	-55.3	-58.2	-64.1	-69.8	-72.9	-76.1
31	-78.9	-80.9	-83.4	-85.9	-89.3	-92.7	-91.3	-4.2	218.7	353.9	486.9	568.9	573.0	581.7	532.9	420.6	244.7	43.5	-61.1	-65.2	-71.3	-78.7	-81.7	-85.3
Média	-76.1	-78.4	-80.7	-83.1	-84.3	-85.4	-85.4	-27.8	72.9	241.8	335.8	439.8	490.1	442.3	375.9	266.2	168.2	10.3	-56.0	-58.5	-62.5	-67.6	-70.3	-73.4

Calor sensível Agosto 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	7.5	1.2	1.2	1.0	1.1	13.3	3.0	11.1	1.5	50.0	57.5	1.0	6.8	1.5	0.1	1.6	0.6	0.1	0.2	0.1	0.1	0.2	4.9	10.7
02	5.3	4.1	0.4	0.2	0.2	7.8	0.2	0.3	0.2	0.3	2.1	0.3	0.2	9.0	9.3	0.1	0.5	0.1	0.0	0.0	9.8	8.0	1.2	3.6
03	0.2	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	18.3	13.9	0.1	0.1	0.7	0.2	-0.2	-0.9	0.0	0.0	0.1	0.1	0.1	0.2
04	0.2	0.4	1.4	0.3	0.3	0.3	12.0	1.3	0.3	0.3	3.9	1.1	26.7	10.6	7.6	0.2	-3.5	0.0	-0.1	0.0	0.1	0.1	0.2	0.2
05	0.2	0.2	0.2	2.9	0.3	8.2	0.5	1.8	0.9	1.0	0.3	4.3	0.1	8.7	15.3	-8.0	-1.2	-0.2	-0.1	0.1	0.3	1.3	7.0	10.3
06	3.2	0.9	0.9	1.0	0.6	1.1	13.6	13.2	0.6	6.3	8.3	0.3	47.3	7.8	10.7	0.0	-0.4	0.0	-0.1	0.0	0.1	2.5	0.2	0.3
07	0.4	1.0	0.2	0.2	0.4	3.6	13.6	5.3	1.0	4.7	5.2	3.0	11.1	0.1	4.9	2.6	2.7	0.0	0.0	0.0	0.1	0.3	0.2	0.2
08	0.2	0.3	0.3	2.2	2.6	9.3	0.3	0.3	6.9	3.8	15.8	5.4	0.1	8.7	19.3	3.1	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.1
09	0.1	0.2	0.8	0.3	0.3	7.9	0.4	0.4	17.3	20.1	35.7	12.0	4.3	0.1	0.1	3.8	1.3	0.0	0.0	0.0	0.1	0.2	0.2	0.2
10	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	6.0	0.2	31.2	0.2	0.6	16.8	7.7	1.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.2
11	6.2	2.2	0.3	0.3	0.4	0.3	0.2	0.2	0.2	0.2	3.1	22.6	0.1	2.1	0.0	0.0	-0.5	-0.4	-0.1	0.0	0.1	0.1	0.2	0.2
12	0.2	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	23.2	5.7	0.1	0.5	0.0	0.0	-0.1	4.0	0.3	2.4	2.9	4.8
13	27.7	3.5	0.1	0.1	0.7	11.4	31.6	0.5	0.2	8.8	9.2	1.0	9.8	10.1	6.7	0.6	2.4	1.3	0.0	0.0	0.1	8.3	6.3	2.9
14	1.2	0.2	1.2	8.7	1.7	0.2	0.3	11.9	9.0	7.1	0.2	14.2	0.4	4.5	8.7	0.4	8.6	0.7	2.5	1.1	1.6	2.0	2.3	2.5
15	10.3	17.6	11.5	13.8	21.3	14.5	13.7	14.3	17.1	12.6	27.0	10.0	5.0	10.5	12.3	2.2	1.5	0.3	0.6	1.5	2.2	3.0	3.1	6.4
16	6.4	39.1	15.1	16.5	8.0	8.0	10.6	17.3	11.7	6.2	5.7	32.6	3.9	2.5	1.8	2.5	4.6	1.4	1.5	3.0	4.8	9.4	14.2	16.5
17	18.9	18.5	17.3	16.0	16.0	16.5	16.8	17.1	13.8	8.1	10.0	6.1	3.7	10.4	4.8	1.2	2.5	-0.3	-5.7	-1.1	0.5	0.8	11.0	19.6
18	20.2	22.9	2.0	2.3	2.4	2.3	14.2	6.2	2.2	0.2	1.1	0.8	2.8	0.2	3.5	0.8	-5.0	-0.1	-0.4	0.0	0.6	0.5	0.6	0.7
19	1.1	0.9	1.0	0.8	7.2	2.3	0.9	0.9	0.6	6.4	0.2	0.3	13.8	1.1	0.5	1.7	0.5	0.3	0.4	0.6	0.7	0.9	1.0	2.3
20	1.6	1.6	8.5	9.5	11.1	12.6	14.0	14.5	15.9	18.2	4.5	3.9	9.7	26.3	4.6	10.3	1.4	-0.2	-2.0	1.0	4.5	8.5	10.1	12.7
21	14.6	16.9	19.2	25.2	23.0	24.4	24.5	22.9	24.0	45.8	13.7	7.1	5.8	3.6	3.3	7.8	4.1	5.4	4.7	5.6	7.4	9.1	10.0	12.6
22	14.4	13.2	12.7	13.0	14.2	15.6	22.0	17.5	20.1	19.8	7.2	19.7	19.4	15.9	5.6	1.2	2.2	0.1	-1.1	2.1	5.0	7.9	10.3	12.5
23	15.2	16.1	16.6	17.5	18.3	16.9	17.3	15.5	13.7	9.2	8.9	21.6	5.9	19.3	8.0	3.0	5.3	20.5	8.8	15.2	21.3	28.1	30.9	33.9
24	36.9	36.2	35.5	34.4	36.4	34.7	35.0	37.0	39.6	26.5	17.1	23.4	19.7	30.3	8.2	3.4	1.7	0.3	-3.4	3.8	11.5	20.0	25.9	31.8
25	38.2	40.8	42.6	45.3	48.0	51.2	54.1	74.4	50.1	69.9	60.1	38.5	23.0	22.4	17.7	6.2	1.7	-0.4	-5.7	2.9	11.7	20.4	29.6	34.8
26	42.2	40.7	41.6	36.6	37.2	38.5	39.5	39.5	42.7	45.5	40.5	25.1	12.8	10.2	10.1	5.2	0.3	-3.4	-4.4	-0.7	2.4	6.2	7.7	8.0
27	9.9	9.6	9.4	10.3	10.2	13.1	8.0	7.3	28.0	19.2	46.5	6.8	3.3	0.2	0.0	-0.1	-2.4	-2.0	-0.1	0.0	0.2	0.4	7.6	0.6
28	0.7	0.7	1.1	1.1	1.1	1.0	1.0	0.7	0.4	0.2	2.5	13.6	16.6	6.7	0.2	-0.7	-0.1	-0.1	-0.1	0.3	0.8	1.5	1.8	2.3
29	2.6	2.9	3.2	3.6	3.7	3.8	3.9	3.1	2.7	1.4	7.0	9.9	2.1	0.9	0.8	0.5	20.5	-0.2	-0.6	0.4	0.8	1.8	1.9	2.3
30	2.4	5.0	5.3	5.5	5.6	20.8	9.3	26.0	5.6	5.9	7.1	1.9	1.4	3.9	0.6	0.5	2.5	0.2	0.3	3.7	3.7	5.4	6.2	8.8
31	8.4	23.1	29.9	34.5	37.7	48.3	45.5	25.7	56.0	53.9	41.9	29.6	43.4	18.4	9.1	2.1	0.6	-0.3	-1.3	1.9	5.0	7.3	9.7	7.2
Média	9.6	10.3	9.0	9.8	10.0	12.5	13.1	12.5	12.5	14.6	15.9	10.7	10.4	8.7	5.9	1.7	1.8	0.7	-0.2	1.5	3.1	5.1	6.7	8.0

Calor latente Agosto 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	19.1	2.8	2.9	2.2	2.3	28.3	6.2	22.7	3.2	101.7	134.9	2.9	25.2	8.2	0.8	48.9	18.5	2.7	7.3	0.7	0.7	0.7	15.7	31.8
02	14.5	11.0	1.2	0.6	0.6	20.8	0.6	0.6	0.4	0.7	4.9	0.7	0.4	25.4	32.4	0.4	3.5	2.2	0.5	0.4	66.9	35.3	5.3	15.4
03	0.7	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.5	0.5	47.2	43.8	0.5	0.5	7.2	7.4	40.5	17.5	0.6	0.5	0.5	0.5	0.5	0.5
04	0.5	0.9	3.2	0.5	0.6	0.6	23.8	2.7	0.6	0.6	9.0	3.1	91.9	52.9	69.3	46.8	89.8	0.5	0.5	0.5	0.5	0.5	0.5	0.5
05	0.5	0.5	0.5	5.9	0.6	16.3	1.0	3.5	1.8	1.9	0.6	10.9	0.5	41.0	195.7	135.6	33.3	5.1	1.5	2.4	2.4	6.6	27.4	32.8
06	8.6	2.4	2.4	2.4	1.5	2.9	35.0	33.1	1.4	14.9	19.8	0.8	114.7	27.5	74.0	4.9	23.9	0.6	0.5	0.5	0.5	10.2	0.5	0.9
07	0.9	2.5	0.5	0.5	0.9	8.6	32.5	12.7	2.3	11.2	13.6	8.6	34.9	0.5	23.9	18.7	32.5	0.5	0.5	0.5	0.5	0.8	0.5	0.5
08	0.5	0.5	0.6	4.4	5.2	18.5	0.6	0.6	13.8	7.8	37.2	15.7	0.5	43.6	147.8	42.9	43.4	0.7	0.7	0.7	0.7	0.7	0.5	0.4
09	0.4	0.5	1.7	0.6	0.6	14.8	0.7	0.7	31.9	37.3	76.2	31.1	14.5	0.5	0.6	44.6	23.7	0.6	0.6	0.6	0.5	0.5	0.5	0.5
10	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5	12.9	0.5	75.0	0.5	2.1	89.5	84.1	44.3	1.0	0.6	0.6	0.6	0.6	0.6	0.6	0.6
11	15.1	5.1	0.6	0.6	1.0	0.6	0.5	0.5	0.5	0.5	7.7	69.1	0.5	14.0	0.6	45.9	23.6	7.8	0.6	0.6	0.6	0.6	0.6	0.6
12	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	75.3	26.0	0.5	9.0	0.6	0.6	1.7	86.9	2.3	11.4	13.3	21.3
13	121.6	13.5	0.4	0.4	2.1	29.6	76.3	1.3	0.4	20.7	26.4	3.7	48.6	64.1	63.1	11.8	70.9	88.7	1.6	0.5	0.4	32.0	21.7	8.9
14	3.3	0.4	2.8	19.6	3.8	0.5	0.5	24.9	19.0	14.9	0.5	37.7	1.3	17.2	42.7	2.8	61.9	5.0	18.8	5.2	5.0	4.9	5.3	5.7
15	22.0	36.4	23.0	26.8	41.6	28.3	26.5	28.0	33.5	24.8	57.8	23.4	13.2	34.0	51.4	13.9	11.2	2.7	8.0	8.6	8.4	8.6	8.1	15.6
16	14.7	90.7	35.4	38.8	18.5	18.5	24.1	39.1	25.8	13.7	14.2	93.3	13.6	10.6	10.6	23.8	47.4	14.9	16.9	19.1	20.4	30.8	40.0	40.8
17	42.4	41.0	38.4	35.0	34.3	34.5	34.4	34.8	27.8	16.4	24.3	18.4	15.4	57.3	39.6	16.6	61.7	48.5	106.5	68.5	11.5	7.0	65.1	89.1
18	72.3	73.2	5.9	6.0	6.2	5.6	34.2	14.5	5.1	0.5	2.9	2.4	10.6	0.9	37.5	201.2	163.0	2.7	4.5	6.4	6.6	2.8	2.7	2.8
19	3.6	2.7	2.6	1.9	16.8	5.2	2.1	2.1	1.3	14.1	0.4	0.7	40.5	4.0	2.7	15.2	3.4	1.8	2.1	2.4	2.5	2.7	2.8	5.6
20	3.6	3.7	19.4	21.6	23.8	25.6	27.2	28.1	30.5	35.1	9.6	9.1	25.9	97.7	27.1	179.2	73.0	6.1	31.1	28.6	29.8	31.7	29.5	31.1
21	31.0	34.4	37.8	47.7	42.9	44.7	44.1	41.2	43.2	82.4	28.2	17.5	18.2	13.3	14.7	44.6	23.4	32.3	30.4	28.1	29.5	29.9	28.5	32.0
22	32.8	29.8	28.3	28.8	30.6	32.4	44.5	34.9	39.4	38.5	15.3	46.3	52.0	61.6	37.3	20.0	71.3	23.3	38.6	33.3	31.3	30.6	31.4	31.4
23	33.0	33.6	33.3	34.0	35.2	31.9	32.5	29.8	27.0	18.7	21.6	67.5	27.4	87.9	35.4	13.1	27.0	135.8	75.7	70.5	67.5	66.2	69.4	73.9
24	77.1	76.0	75.0	73.0	76.8	72.9	72.9	77.4	83.7	56.7	43.8	75.0	87.1	170.7	66.5	46.3	39.1	86.5	80.2	77.4	74.8	76.1	77.8	79.1
25	82.9	85.5	86.5	89.0	92.4	96.5	99.9	137.0	91.2	128.1	131.1	107.0	93.5	111.5	122.7	67.7	41.5	38.8	104.0	101.8	97.9	95.4	102.9	97.4
26	100.0	97.8	100.1	89.4	88.2	87.7	87.7	87.7	95.1	101.4	108.9	87.5	65.1	71.1	119.5	100.1	61.0	70.6	48.4	36.9	32.1	34.8	31.9	26.7
27	27.6	24.4	22.2	22.7	22.4	28.9	17.4	15.6	58.8	39.8	118.3	23.9	20.9	2.1	0.8	33.7	63.0	26.0	0.6	0.9	1.6	1.6	25.7	1.7
28	1.7	1.7	2.6	2.6	2.6	2.5	2.4	1.6	0.9	0.5	7.0	49.0	90.2	58.1	3.1	77.8	5.7	5.7	7.5	7.3	7.2	8.0	7.6	8.2
29	7.9	8.1	8.3	8.6	8.7	8.8	8.9	7.2	6.3	3.2	16.4	23.3	5.0	2.5	3.1	2.5	255.7	11.8	5.3	8.7	3.3	4.2	4.4	5.3
30	5.4	11.0	11.4	11.7	11.8	43.2	19.1	53.0	11.4	12.2	15.9	4.7	3.8	13.9	2.9	5.1	30.7	4.2	21.1	33.8	18.0	17.7	17.8	22.7
31	19.6	53.2	66.8	75.7	80.9	100.4	92.2	51.7	111.7	107.2	83.8	59.8	88.1	50.1	41.4	33.8	25.5	18.9	33.8	33.8	30.3	27.4	29.7	18.7
Média	24.7	24.0	19.8	21.1	21.1	26.2	27.4	25.4	25.2	29.3	37.2	30.3	34.9	40.6	43.8	43.8	47.4	21.4	21.0	21.5	17.9	18.7	21.6	22.7

Radiação Líquida Setembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-89.8	-91.7	-95.5	-98.3	-99.6	-100.5	-99.4	-52.4	1.3	178.4	262.2	239.7	418.6	644.9	496.7	371.1	229.9	33.1	-65.4	-67.9	-70.4	-74.1	-80.0	-86.1
02	-90.8	-91.1	-90.2	-89.6	-97.7	-105.0	-109.8	33.6	267.7	365.8	530.4	616.0	612.5	627.2	552.2	408.8	241.0	46.0	-60.9	-63.0	-68.8	-76.1	-78.3	-82.3
03	-85.3	-86.2	-87.0	-87.9	-90.2	-93.5	-89.8	74.4	230.4	444.9	547.4	625.5	641.6	607.3	526.0	330.1	202.8	30.4	-51.7	-53.6	-58.4	-66.2	-69.4	-73.2
04	-77.4	-77.8	-77.0	-77.5	-77.7	-77.3	-75.7	-51.9	13.6	147.1	538.0	597.5	532.2	278.7	508.5	371.9	206.1	25.5	-58.7	-61.0	-63.7	-68.4	-69.4	-70.6
05	-71.6	-72.2	-73.1	-73.7	-74.5	-74.8	-73.3	20.8	272.0	493.6	640.0	725.1	677.4	609.4	527.6	408.2	242.2	24.4	-65.6	-67.0	-72.2	-78.6	-83.6	-88.9
06	-94.7	-97.8	-101.1	-103.3	-106.0	-107.7	-103.4	56.7	208.2	425.5	554.8	625.4	634.3	632.0	506.1	418.6	220.6	-1.5	-62.0	-63.6	-68.5	-75.7	-78.8	-83.3
07	-88.2	-87.5	-87.3	-87.2	-80.5	-74.7	-55.9	101.5	356.4	586.2	434.2	662.6	730.5	661.8	456.6	422.5	230.6	55.6	-53.2	-56.5	-61.9	-69.2	-68.7	-68.7
08	-68.1	-72.9	-78.8	-86.2	-78.8	-70.4	-54.2	140.2	343.1	146.7	689.4	400.5	734.1	563.2	544.2	405.2	209.3	31.6	-51.6	-54.8	-60.3	-66.5	-70.6	-76.1
09	-82.3	-84.6	-86.9	-89.8	-89.8	-88.7	-83.6	-15.8	104.4	662.5	352.3	615.8	624.1	591.4	520.8	398.4	264.3	49.1	-49.4	-51.4	-56.9	-63.8	-69.7	-74.4
10	-80.8	-83.8	-86.7	-89.7	-91.6	-94.0	-84.7	89.5	244.2	434.9	553.7	604.8	623.3	584.0	501.1	357.5	160.7	10.5	-64.4	-64.3	-68.2	-75.5	-77.7	-81.1
11	-85.8	-86.0	-86.2	-86.4	-86.6	-86.9	-74.7	79.5	252.7	501.8	583.3	601.5	597.6	586.5	498.7	383.2	215.0	30.3	-38.1	-42.9	-47.9	-55.2	-58.5	-62.4
12	-67.0	-69.4	-71.1	-74.2	-75.8	-76.8	-66.8	37.2	184.6	359.5	175.5	609.5	185.4	559.2	450.1	333.4	32.4	5.4	-30.9	-36.7	-43.3	-50.7	-52.0	-54.6
13	-58.1	-61.7	-66.0	-69.7	-72.8	-75.4	-65.3	74.4	220.5	396.2	527.2	598.8	541.9	552.5	451.6	332.4	165.8	-12.2	-28.7	-26.9	-35.0	-44.7	-47.8	-49.4
14	-51.8	-55.4	-59.7	-63.9	-65.8	-66.4	-62.3	10.2	84.9	253.7	502.2	335.5	249.5	224.9	243.8	183.5	113.5	31.0	-45.3	-49.0	-52.0	-56.9	-58.1	-58.6
15	-60.6	-61.2	-61.1	-62.3	-62.1	-62.6	-54.2	-18.9	49.1	114.4	300.8	718.0	620.7	598.6	511.2	200.5	218.7	48.1	-56.4	-58.5	-62.6	-67.3	-70.0	-73.7
16	-77.5	-78.0	-79.9	-80.6	-83.1	-84.5	-78.7	224.2	93.0	410.7	546.8	425.9	483.3	155.8	76.8	417.5	256.6	40.6	-55.2	-56.4	-58.0	-61.7	-66.4	-71.6
17	-76.6	-79.6	-82.6	-85.1	-81.9	-78.7	-63.4	27.6	27.7	176.1	234.1	736.6	772.7	632.9	528.0	393.3	250.0	49.7	-56.5	-60.1	-64.8	-70.8	-74.4	-78.1
18	-82.5	-85.5	-88.3	-91.3	-89.1	-87.5	-74.2	23.6	128.6	210.3	279.7	349.9	418.1	472.8	527.4	378.3	213.2	46.0	-44.1	-46.0	-50.4	-59.0	-63.4	-67.9
19	-73.6	-75.5	-77.4	-79.3	-78.3	-77.3	-57.7	97.2	351.3	494.1	555.0	598.5	602.7	570.3	486.3	371.9	210.5	44.3	-38.5	-39.8	-44.8	-49.6	-53.4	-59.4
20	-64.6	-65.7	-67.0	-68.1	-70.2	-71.7	-63.8	77.7	243.6	399.5	392.5	558.9	582.8	496.1	412.8	83.5	-35.8	-33.2	-41.9	-42.0	-50.8	-63.8	-63.1	-62.5
21	-61.7	-64.1	-65.2	-67.5	-68.7	-69.3	-55.6	-25.4	114.1	143.9	402.1	188.2	166.5	223.3	238.7	89.7	15.2	-25.1	-47.8	-48.7	-49.5	-51.3	-53.6	-56.8
22	-59.2	-63.3	-66.6	-70.5	-71.7	-71.5	-54.6	-14.3	63.2	301.0	470.7	179.4	400.7	274.0	160.3	161.3	-1.0	-44.5	-54.6	-55.1	-56.9	-60.7	-60.4	-59.8
23	-60.0	-65.5	-70.7	-75.9	-78.3	-80.7	-79.6	-55.3	26.7	1.3	47.4	20.0	6.1	80.7	36.8	-17.0	-51.9	-67.3	-76.4	-77.0	-77.1	-78.2	-78.6	-79.1
24	-79.5	-79.1	-79.3	-79.0	-92.9	-107.1	-110.3	-44.4	12.0	145.6	707.4	161.1	313.3	325.4	196.8	338.8	69.4	1.6	-60.2	-60.0	-62.2	-63.6	-64.2	-65.7
25	-66.3	-67.0	-68.0	-68.7	-69.1	-69.6	-53.3	58.1	363.5	155.1	622.8	227.4	197.7	134.4	161.0	141.8	32.5	-0.7	-46.1	-48.0	-49.9	-53.6	-57.5	-62.7
26	-68.0	-70.7	-73.3	-76.0	-74.8	-72.6	-52.4	28.0	40.6	55.7	143.0	298.5	276.2	322.0	150.1	161.0	149.4	-9.7	-40.9	-54.0	-65.6	-77.4	-80.1	-82.9
27	-85.5	-89.5	-92.9	-96.7	-99.8	-102.9	-86.3	-58.9	128.3	434.3	532.0	570.7	720.9	489.9	329.9	484.0	221.0	26.6	-77.3	-80.1	-82.3	-86.3	-90.2	-94.0
28	-98.8	-98.1	-96.9	-96.4	-97.8	-99.5	-78.1	63.9	335.1	475.7	574.5	639.2	650.8	38.5	490.4	387.5	208.8	64.3	-78.7	-81.9	-85.3	-90.1	-90.5	-90.7
29	-91.7	-96.0	-99.3	-103.8	-102.8	-101.9	-78.6	-31.8	294.2	506.5	558.5	47.6	683.4	596.1	484.6	344.3	164.6	54.3	-75.6	-81.4	-86.2	-93.4	-115.0	-133.3
30	-149.0	-137.3	-125.3	-111.9	-110.5	-109.6	-90.0	0.7	113.0	265.6	191.2	368.3	205.2	652.6	578.9	165.2	237.5	62.9	-74.9	-80.3	-84.4	-90.8	-94.3	-98.2
Média	-78.2	-79.8	-81.3	-83.0	-84.0	-84.6	-74.3	31.7	172.3	322.9	448.3	464.9	496.8	459.5	405.1	307.5	163.1	20.6	-55.0	-57.6	-61.9	-68.0	-71.3	-74.9

Calor sensível Setembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	18.9	8.3	11.2	7.5	11.0	6.1	5.7	9.3	17.6	4.4	35.0	17.1	23.8	3.2	0.8	1.4	15.7	12.3	6.1	1.0	0.8	1.2	1.7	2.7
02	9.8	4.5	4.5	4.5	4.8	16.1	8.2	7.5	8.7	6.5	107.5	43.4	60.6	1.2	10.3	6.8	3.6	-0.5	-1.0	-1.3	0.0	8.1	20.9	28.9
03	112.8	44.0	47.4	45.7	43.9	45.4	45.8	46.4	52.3	40.6	52.6	23.2	35.7	21.7	1.5	1.6	-0.8	-1.6	-0.1	-0.8	-0.3	0.4	1.3	1.8
04	7.3	2.7	2.8	2.8	2.9	6.7	12.1	6.6	2.6	3.1	3.4	1.6	0.5	0.2	11.3	4.0	0.1	0.0	0.0	-0.1	3.5	4.4	18.8	9.5
05	4.9	1.3	1.2	1.2	1.5	1.6	1.6	3.1	3.9	74.7	36.8	30.7	14.8	29.9	13.0	22.4	1.2	5.1	0.5	-0.7	1.3	1.7	3.2	4.3
06	16.3	6.9	7.8	8.9	9.4	10.3	14.8	11.0	6.2	25.3	60.7	66.5	25.9	3.3	4.9	0.1	-0.5	-2.7	-4.8	-0.4	-0.2	0.6	2.1	2.1
07	27.5	10.6	9.2	5.7	10.9	12.8	5.9	4.2	1.7	6.3	26.8	48.5	10.1	1.7	7.5	2.9	12.1	0.1	-4.0	-1.1	-0.5	0.7	2.3	2.2
08	18.6	3.1	9.8	6.2	10.9	5.0	3.9	4.4	12.2	10.4	28.0	26.1	20.2	2.3	2.8	0.3	-1.4	-1.8	-1.6	-0.4	-0.2	0.2	0.7	1.1
09	5.2	2.0	3.5	2.2	2.8	2.8	2.8	2.8	4.9	4.0	14.6	31.0	18.9	0.8	1.2	0.0	-0.4	0.0	-0.6	-0.4	-0.2	0.2	0.7	1.0
10	4.4	1.7	1.4	3.0	1.2	1.3	1.3	1.4	0.9	2.4	9.6	18.4	0.1	9.0	0.0	-0.7	-10.9	-3.4	-0.1	-0.2	-0.1	0.0	0.1	0.2
11	1.1	0.3	0.2	0.2	0.2	0.2	0.2	0.2	0.3	10.2	26.3	57.5	24.1	3.9	0.8	-2.5	-9.8	-2.5	-0.1	-0.1	-0.1	0.0	0.0	0.1
12	0.5	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.3	0.2	0.3	0.0	0.0	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	0.0	0.0	0.1
13	0.5	0.1	0.1	0.2	0.2	0.2	3.1	0.2	0.2	22.0	16.8	2.6	0.2	0.3	0.8	0.5	-2.9	-2.5	-13.0	-6.1	-0.2	0.8	5.2	37.7
14	0.4	0.1	1.6	1.5	1.3	0.2	0.2	0.2	14.2	0.2	0.2	0.2	7.6	3.9	1.4	2.4	0.0	1.8	0.3	0.0	0.0	0.1	0.1	0.1
15	0.5	0.1	0.1	0.1	0.1	0.1	1.2	0.1	4.4	0.1	7.8	13.8	7.7	28.1	12.8	10.9	1.2	0.7	-1.3	0.0	2.0	1.2	1.1	3.6
16	16.2	5.0	0.3	3.7	0.2	0.2	4.7	0.2	0.2	4.8	21.9	56.8	15.1	20.2	15.1	12.8	1.9	0.1	-0.2	0.0	0.0	0.0	0.1	0.1
17	0.6	0.2	6.4	1.1	5.5	2.1	8.1	9.5	11.5	15.0	8.0	32.4	4.2	15.7	8.3	0.4	0.3	-3.2	-0.4	-0.1	0.0	0.0	0.1	0.1
18	1.0	0.4	0.4	0.2	0.8	2.0	0.4	1.9	21.7	12.2	2.1	4.1	3.4	0.0	-0.1	0.1	0.0	-0.7	-3.8	-0.1	-1.3	0.0	0.1	0.1
19	26.7	8.5	11.4	11.2	6.4	6.9	11.6	0.2	10.5	23.7	28.5	0.9	7.7	3.6	-2.1	-6.9	-18.5	-18.7	-0.1	-0.1	-0.1	0.0	0.0	0.0
20	0.5	0.1	0.1	0.1	0.1	0.2	0.2	1.1	0.2	0.2	22.8	0.1	0.1	0.0	0.0	-0.1	-2.9	-2.0	-0.1	-0.3	0.0	0.1	0.2	0.3
21	1.4	0.5	0.5	0.5	0.9	0.9	1.2	1.5	1.6	1.9	16.6	2.2	4.6	1.7	1.2	1.5	0.6	0.8	0.9	0.8	1.6	2.5	3.8	4.7
22	28.8	9.6	10.9	12.0	12.6	14.4	15.7	17.2	27.1	20.7	16.4	5.0	12.9	8.0	1.4	1.0	0.3	0.1	-1.5	-4.1	4.1	13.0	23.6	27.8
23	116.8	38.3	46.3	52.4	56.6	61.7	68.4	71.6	71.3	80.1	91.3	85.2	79.3	72.7	73.2	71.0	71.4	64.6	58.7	54.1	59.0	64.1	69.0	71.0
24	182.3	71.8	69.4	67.5	64.4	67.1	69.9	72.6	76.3	79.2	85.7	74.3	62.3	52.4	43.3	33.5	23.3	21.0	15.7	9.8	19.6	30.1	40.1	42.3
25	169.0	47.7	50.4	52.8	56.0	57.4	58.5	60.1	66.8	58.6	53.5	60.5	50.7	49.0	29.3	15.5	-1.4	-4.0	-7.3	-9.9	1.5	12.4	23.1	31.9
26	134.9	49.0	51.6	54.1	55.0	50.8	47.4	43.2	39.1	41.9	33.8	22.1	6.4	4.7	4.7	3.0	1.1	3.1	5.6	6.5	16.7	28.2	37.7	43.1
27	138.4	37.7	28.6	25.3	25.9	31.9	39.3	14.6	37.0	11.0	24.2	4.1	13.5	5.1	8.1	7.5	0.4	0.1	0.0	0.0	0.1	4.0	4.3	5.5
28	8.6	3.0	7.6	2.4	2.0	3.6	0.8	0.8	7.9	0.9	0.5	0.8	11.4	0.3	9.3	0.3	0.4	5.3	0.0	0.0	0.5	0.9	1.3	1.1
29	4.0	1.4	2.0	2.2	2.9	2.4	1.8	1.8	10.5	1.8	7.4	0.4	3.2	27.9	2.7	6.9	0.4	0.0	0.0	0.0	0.4	1.2	1.8	2.7
30	13.3	5.0	4.2	4.5	4.3	4.2	3.7	3.6	3.8	17.6	0.8	24.8	0.9	12.3	2.2	18.4	2.5	0.1	0.0	0.0	0.1	0.4	0.5	0.7
Média	35.7	12.1	13.0	12.7	13.2	13.8	14.6	13.3	17.2	19.3	28.0	25.1	17.5	12.8	8.9	7.2	2.9	2.4	1.6	1.5	3.6	5.9	8.8	10.9

Calor latente Setembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	24.8	15.9	22.8	12.5	11.5	18.4	37.1	10.1	87.0	46.6	72.4	11.0	3.2	6.6	97.1	77.5	39.6	6.4	4.0	4.7	5.6	7.5	7.8	7.8
02	9.7	9.7	10.4	32.8	15.8	13.8	15.8	11.6	194.2	94.2	169.8	5.0	61.2	64.9	91.4	87.2	17.2	13.2	12.9	76.9	94.5	103.5	111.3	111.3
03	117.1	110.1	102.2	100.7	98.3	95.6	105.5	81.4	104.2	55.7	114.2	113.8	13.5	45.3	36.3	34.2	1.0	5.7	6.1	6.5	7.4	7.3	7.3	7.3
04	7.3	7.1	7.1	17.4	32.6	18.6	7.2	8.7	9.4	4.8	1.6	0.8	59.1	31.1	2.9	0.6	1.1	3.0	77.9	35.0	87.7	40.6	9.9	9.9
05	4.1	4.1	4.9	4.8	4.8	8.8	11.1	209.4	102.3	102.9	62.4	167.7	93.5	221.8	20.4	166.6	83.5	33.9	22.1	10.9	12.7	13.9	15.0	15.0
06	17.5	18.9	19.2	20.6	29.0	21.2	11.8	47.6	114.1	150.7	76.2	15.0	35.0	1.8	40.9	53.7	58.6	3.3	5.8	7.5	11.1	8.2	9.1	9.1
07	23.3	14.2	26.3	31.3	14.8	10.6	4.2	14.9	62.0	143.4	44.7	16.7	72.4	25.4	100.1	7.6	51.4	7.8	10.9	12.2	13.1	12.9	12.9	12.9
08	37.5	17.6	25.0	13.0	11.9	16.6	38.2	28.6	67.9	85.2	111.9	36.8	83.0	85.5	86.1	31.2	17.3	3.6	4.4	3.4	4.3	5.0	4.3	4.3
09	8.7	5.3	6.4	6.4	6.2	6.2	11.3	9.4	34.9	90.7	72.9	5.1	12.6	0.8	11.1	0.5	6.1	2.9	5.1	4.2	4.2	4.3	4.3	4.3
10	3.5	7.2	2.8	2.9	2.9	3.0	1.9	5.0	20.4	50.0	0.6	88.9	0.9	12.9	93.5	27.2	0.8	1.4	1.2	2.1	1.1	1.1	0.6	0.6
11	0.6	0.6	0.6	0.6	0.6	0.6	0.6	23.6	59.2	162.7	97.6	35.7	33.1	37.7	63.2	15.3	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5
12	0.5	0.5	0.5	0.5	0.5	0.5	0.6	0.6	0.6	0.6	1.6	2.3	0.5	0.5	0.5	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5	0.5
13	0.5	0.5	0.5	0.5	8.3	0.5	0.6	55.2	41.7	6.6	0.6	0.6	3.4	7.0	24.3	12.9	52.3	20.7	1.2	26.9	21.8	163.0	122.3	122.3
14	6.8	5.7	4.5	0.5	0.5	0.5	38.5	0.5	0.5	0.5	31.4	22.8	9.7	24.6	0.5	39.2	14.2	0.5	0.5	0.5	0.5	0.5	0.5	0.5
15	0.5	0.5	0.5	0.5	4.5	0.5	15.8	0.5	25.5	51.3	33.9	144.5	87.4	109.5	24.8	36.1	96.9	0.6	90.2	11.8	6.3	15.9	1.8	1.8
16	1.0	10.8	0.6	0.6	11.8	0.6	0.6	12.2	57.9	188.6	68.7	151.6	134.8	147.2	27.8	3.5	11.0	0.6	0.6	0.5	0.5	0.5	0.6	0.6
17	17.7	2.8	13.8	5.3	21.4	25.5	32.4	45.0	25.3	120.1	18.4	84.5	62.8	5.2	14.2	169.7	6.9	0.7	0.6	0.6	0.6	0.6	0.6	0.6
18	1.0	0.6	1.9	4.8	1.0	4.6	55.4	33.3	6.1	15.9	22.0	26.6	43.5	65.3	80.5	7.2	29.3	0.6	14.2	0.5	0.5	0.5	0.5	0.5
19	33.8	31.6	17.3	18.8	32.0	0.5	28.3	61.7	71.7	3.1	43.2	74.9	84.4	71.7	111.3	94.6	0.5	0.6	0.5	0.5	0.5	0.5	0.5	0.5
20	0.5	0.5	0.5	0.6	0.5	3.4	0.6	0.6	62.5	0.5	0.5	0.5	0.5	0.5	14.3	9.9	0.6	1.8	0.5	0.5	0.5	0.8	0.8	0.8
21	1.4	1.4	2.3	2.3	3.0	3.9	4.0	4.9	41.7	6.4	16.7	8.2	6.6	9.5	4.3	6.4	9.9	12.0	12.9	14.1	15.8	17.3	77.9	77.9
22	31.0	32.9	33.0	37.4	40.0	43.7	68.5	52.3	41.5	15.3	50.4	44.0	11.2	13.2	11.4	14.0	90.8	110.3	109.0	107.4	111.5	111.9	111.4	111.4
23	138.2	153.5	162.4	165.3	174.3	172.2	171.1	192.1	218.4	216.1	217.2	213.9	215.6	209.6	210.5	204.7	201.2	200.3	194.3	187.6	183.2	184.9	183.1	183.1
24	181.4	182.1	179.5	224.9	271.0	313.2	283.3	246.4	215.2	203.5	191.0	180.1	180.6	174.8	162.1	185.0	195.6	204.2	186.8	179.2	171.1	167.8	170.5	170.5
25	168.3	169.7	170.7	170.6	172.1	172.7	194.0	174.9	161.4	182.7	153.4	148.3	133.9	148.5	153.9	163.2	159.2	160.4	151.0	138.2	135.0	132.3	130.4	130.4
26	136.7	138.5	136.2	126.6	117.1	107.3	97.7	105.5	85.7	63.0	21.0	18.8	26.5	31.9	50.1	94.4	113.0	105.5	112.2	130.1	140.2	159.7	205.0	205.0
27	102.6	89.1	89.2	107.6	129.9	47.4	114.0	32.4	68.3	13.2	49.5	22.4	42.5	49.3	3.8	0.8	0.8	1.3	2.3	31.8	22.8	22.6	10.6	10.6
28	22.6	7.6	6.4	10.6	2.1	2.1	18.9	2.1	1.2	2.1	38.8	1.2	52.6	2.3	3.6	67.8	0.8	1.3	5.7	5.6	5.5	4.2	4.1	4.1
29	5.2	5.2	6.3	5.3	4.1	4.1	23.6	4.1	16.5	1.1	11.5	146.7	17.7	56.7	4.7	0.8	0.8	2.3	5.8	7.9	8.0	9.6	20.0	20.0
30	10.5	10.5	8.9	8.8	7.7	7.6	8.3	38.7	1.9	65.0	2.9	48.4	10.6	113.6	21.1	0.7	0.7	1.2	1.2	2.1	2.1	2.1	2.1	2.1
Média	37.1	35.2	35.4	37.8	41.0	37.5	46.7	50.4	66.6	71.4	59.9	61.2	53.1	59.2	52.2	53.8	42.1	30.2	34.7	33.7	35.6	40.0	40.9	40.9

Radiação Líquida Outubro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-103.9	-106.5	-109.2	-111.8	-114.0	-116.0	-106.1	35.8	309.7	433.6	586.3	614.4	632.1	594.0	508.5	337.0	189.7	73.1	-65.4	-68.9	-74.5	-79.8	-83.6	-89.5
02	-95.0	-98.0	-100.6	-103.8	-106.4	-108.2	-95.0	46.2	360.0	152.3	637.0	639.5	653.8	595.4	502.1	419.9	173.7	34.1	-54.2	-58.0	-62.5	-67.5	-70.1	-74.7
03	-78.8	-81.7	-86.0	-89.1	-91.5	-93.4	-74.9	-3.8	87.2	258.9	314.7	308.2	177.2	492.6	662.3	368.0	181.5	4.2	-55.5	-58.3	-60.7	-65.9	-70.6	-76.0
04	-81.1	-84.4	-88.3	-91.1	-92.4	-94.4	-39.3	43.5	140.5	95.2	663.7	770.0	167.4	694.2	504.3	370.4	189.8	9.3	-50.0	-54.0	-57.3	-63.2	-66.1	-70.6
05	-74.5	-73.9	-73.3	-73.3	-70.6	-67.8	11.4	224.2	65.5	509.5	644.6	748.7	766.9	613.7	521.9	365.1	208.1	71.2	-52.1	-56.2	-61.1	-64.9	-67.8	-71.6
06	-76.2	-72.1	-69.4	-65.3	-65.3	-66.0	-53.1	-0.4	126.7	649.2	666.7	719.4	713.2	707.1	523.1	360.9	196.3	53.0	-67.9	-70.4	-73.3	-78.3	-80.3	-82.4
07	-86.6	-89.4	-92.8	-95.8	-90.1	-83.9	-50.7	194.3	392.4	227.6	194.9	710.1	785.4	241.8	678.5	104.4	29.4	-27.1	-61.5	-63.5	-66.5	-70.4	-70.0	-69.8
08	-70.2	-70.4	-70.1	-70.3	-69.0	-69.0	-35.6	110.6	159.4	380.7	494.6	169.3	754.5	654.8	132.3	77.8	350.8	-33.0	-59.0	-61.8	-65.7	-68.8	-69.7	-69.7
09	-70.6	-71.8	-74.2	-76.0	-73.4	-71.9	-21.9	97.5	502.7	273.5	759.6	80.7	146.9	404.0	739.9	135.3	223.0	29.7	-58.4	-61.1	-64.5	-68.4	-70.5	-72.9
10	-76.6	-73.6	-71.3	-69.0	-68.9	-69.5	-41.4	70.3	537.4	253.3	314.7	295.6	442.5	730.5	592.0	434.0	265.9	68.9	-50.0	-54.1	-59.5	-64.2	-68.4	-71.9
11	-77.3	-73.9	-69.2	-66.1	-67.1	-69.9	24.2	233.5	356.6	537.0	610.5	642.6	650.5	600.7	514.2	362.3	188.3	60.3	-46.6	-53.2	-58.2	-65.8	-68.0	-71.4
12	-75.6	-76.6	-78.2	-79.3	-76.2	-64.4	-13.0	24.0	414.2	456.3	629.0	198.1	627.6	76.9	566.5	255.4	191.6	72.0	-47.1	-46.8	-46.2	-45.6	-48.6	-55.7
13	-63.0	-64.0	-63.6	-64.9	-66.5	-69.1	-33.7	38.4	118.5	39.5	145.5	332.9	66.8	204.6	346.4	325.9	94.9	-18.6	-52.6	-53.4	-54.2	-55.9	-58.0	-61.6
14	-64.0	-65.2	-67.0	-67.6	-68.8	-69.2	-59.2	-24.8	-25.7	41.9	153.0	318.8	566.4	150.4	54.3	-22.1	-52.5	-44.3	-57.5	-63.5	-67.6	-73.2	-73.2	-72.0
15	-72.0	-73.1	-74.2	-74.7	-75.8	-76.9	-65.8	-20.6	97.5	291.0	547.4	666.1	143.2	105.7	491.4	340.6	184.8	19.4	-64.5	-65.6	-69.6	-74.5	-77.5	-79.6
16	-82.7	-80.1	-76.9	-73.7	-73.0	-72.8	-28.2	107.2	186.0	318.6	336.5	203.0	394.0	702.7	84.2	265.9	154.3	52.8	-60.0	-63.2	-67.2	-72.7	-75.9	-79.4
17	-83.4	-86.3	-88.7	-91.7	-86.7	-81.4	-29.8	194.3	305.3	174.7	316.0	549.8	704.9	161.0	321.6	229.4	35.3	-25.5	-53.7	-56.5	-57.8	-61.8	-61.5	-63.2
18	-64.5	-64.3	-64.7	-65.1	-63.4	-61.5	-17.2	92.9	148.2	523.0	665.8	688.4	202.3	695.4	547.6	509.6	-15.8	124.4	-37.2	-43.0	-42.9	-45.4	-49.9	-53.4
19	-57.4	-58.6	-60.6	-61.8	-63.6	-47.1	43.1	159.7	341.0	532.4	685.5	706.6	529.2	226.8	526.3	291.7	327.7	-26.6	-46.7	-50.2	-55.4	-62.1	-63.4	-67.1
20	-69.7	-69.1	-70.6	-70.3	-70.7	-69.7	-38.1	88.9	378.4	300.1	755.2	675.6	731.6	665.5	448.5	376.7	157.6	-9.0	-48.9	-52.2	-57.2	-61.5	-64.2	-67.1
21	-71.2	-73.6	-77.0	-79.1	-79.1	-77.8	-55.6	10.3	144.1	233.0	339.0	305.5	387.8	697.9	585.7	463.9	207.6	119.8	-51.4	-52.8	-52.2	-52.2	-55.2	-62.5
22	-72.8	-76.1	-78.2	-81.6	-79.9	-71.3	-43.0	70.2	145.6	168.1	360.5	500.7	705.8	594.8	299.4	185.0	27.3	-6.4	-42.5	-43.9	-46.5	-50.3	-52.6	-54.9
23	-58.4	-60.8	-62.9	-66.0	-65.9	-59.5	-40.2	137.9	132.6	247.6	465.2	226.2	165.5	362.7	311.2	417.3	25.2	-31.9	-37.0	-34.6	-41.6	-56.1	-58.1	-61.2
24	-64.1	-66.5	-67.6	-69.9	-71.1	-55.9	-3.7	151.9	373.3	471.7	537.7	574.1	595.6	568.9	559.2	357.8	15.2	47.8	-33.2	-38.2	-39.5	-45.6	-46.7	-47.4
25	-47.8	-51.6	-55.0	-58.7	-62.0	-51.4	-12.0	195.4	338.6	491.7	610.9	661.7	691.9	603.3	90.7	340.1	169.8	-1.8	-49.2	-50.8	-53.4	-56.0	-57.3	-60.3
26	-63.5	-66.9	-70.7	-73.7	-74.2	-74.8	-52.6	61.6	353.4	591.1	724.5	691.2	645.0	596.5	494.8	353.5	191.6	17.5	-59.1	-60.5	-59.8	-59.8	-61.5	-68.5
27	-79.2	-82.4	-85.2	-88.6	-90.1	-67.8	24.4	52.8	84.3	185.4	782.1	705.6	635.6	588.7	492.4	310.4	161.6	25.1	-65.7	-66.2	-69.3	-73.1	-76.8	-81.7
28	-87.2	-88.0	-89.6	-91.2	-93.2	-82.3	-27.1	195.2	415.3	520.5	532.0	558.3	550.1	514.0	428.3	304.7	180.4	51.6	-52.5	-58.5	-64.6	-72.5	-73.6	-75.8
29	-80.4	-82.0	-84.7	-86.6	-88.5	-72.2	-31.5	1.8	381.0	513.9	591.6	620.1	605.3	555.7	468.9	339.8	171.2	1.4	-44.2	-48.9	-52.8	-58.3	-58.3	-57.7
30	-57.1	-58.3	-60.0	-63.5	-65.3	-51.6	-14.6	99.3	453.7	440.9	553.3	576.3	566.2	554.6	480.7	342.2	162.6	-7.5	-42.7	-46.6	-52.6	-59.4	-58.6	-58.5
31	-59.32	-60.67	-62.5	-63.85	-66.55	-48.72	-5.505	136.68	335.65	516.47	572.69	490.31	134.16	583.64	497.48	2.8605	-0.325	13.462	-35.78	-44.96	-54.61	-64.78	-62.61	-63.14
Média	-73.0	-74.2	-75.6	-76.9	-77.1	-72.1	-31.8	91.1	263.2	349.3	522.3	514.4	501.3	501.2	450.8	300.8	148.0	23.1	-51.7	-54.8	-58.4	-63.2	-65.1	-68.1

Calor sensível Outubro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.9	1.0	1.0	1.1	1.1	1.2	1.9	3.7	3.7	0.7	30.9	60.5	1.0	1.4	0.2	0.0	-0.4	0.0	0.0	0.0	0.1	0.2	0.3	0.3
02	0.4	0.5	0.5	0.5	0.5	0.6	1.1	2.6	47.2	9.5	19.5	0.7	25.9	2.9	2.3	0.0	-3.9	0.0	-0.1	0.0	0.1	0.2	0.3	0.4
03	0.6	0.6	0.7	0.8	0.8	0.8	0.9	1.2	2.5	1.8	1.0	24.9	15.2	9.6	4.1	5.7	1.3	-0.7	-0.9	0.0	0.1	0.2	0.2	0.3
04	0.3	0.4	0.4	0.4	0.5	0.5	0.5	0.3	0.2	0.2	29.1	13.6	0.1	0.5	-1.3	-10.7	-6.4	-2.5	-0.1	-0.1	0.0	0.0	0.1	0.1
05	17.8	0.3	0.2	0.2	2.1	0.1	0.2	4.6	18.4	18.6	10.8	11.5	10.9	4.9	-6.7	-0.1	-7.0	-10.8	-0.1	0.0	0.0	0.1	2.5	1.0
06	4.2	0.2	5.2	0.1	2.1	0.1	0.4	0.1	0.1	30.4	19.7	9.1	18.4	0.3	0.0	-6.8	-2.6	-2.4	-0.1	-1.2	0.0	0.1	0.1	0.2
07	0.2	0.2	0.2	0.3	0.2	0.2	0.2	0.2	30.7	23.3	6.5	17.0	5.7	9.4	1.5	-0.3	-0.6	0.0	-0.1	-0.1	0.1	0.3	0.5	0.8
08	1.0	1.2	1.4	1.6	1.7	1.8	1.9	2.4	2.8	3.4	2.8	15.4	10.7	2.0	1.6	0.3	0.0	0.0	0.0	0.0	0.1	0.1	0.1	9.7
09	0.1	2.2	0.2	3.9	2.1	23.1	14.2	0.2	14.3	11.8	31.5	25.9	10.3	11.3	6.3	-1.0	0.0	-3.7	-0.1	0.0	0.0	9.4	1.9	9.7
10	0.2	1.1	1.4	0.1	0.1	8.0	0.1	6.1	24.2	26.4	25.1	12.9	6.7	6.0	2.0	0.0	-3.7	-0.1	-0.1	0.0	0.0	0.1	0.1	4.3
11	19.5	2.4	10.0	16.6	23.6	0.2	0.2	8.9	22.2	34.2	37.1	0.6	0.0	5.7	5.5	1.6	-6.1	-0.1	-0.1	-0.1	0.0	0.0	0.1	0.1
12	0.1	0.2	0.2	2.5	0.2	0.2	0.1	0.2	0.3	0.2	5.7	2.0	2.5	0.6	-0.1	-10.4	-7.9	-4.8	-3.4	-6.8	-6.2	-0.1	-0.7	0.0
13	0.1	24.2	13.5	9.9	11.7	1.3	0.6	0.9	0.9	12.4	1.6	3.8	1.3	4.0	4.4	0.8	0.6	0.6	0.7	15.2	9.4	3.4	15.7	9.6
14	25.0	5.3	16.1	12.1	6.2	6.9	7.0	7.3	14.2	34.8	17.9	7.0	5.9	5.0	6.2	6.6	25.3	13.4	15.5	20.3	25.6	31.8	34.2	34.4
15	34.7	36.6	38.2	44.0	41.3	41.8	42.1	43.3	54.0	51.2	28.7	17.2	29.7	33.5	24.2	14.7	29.9	8.5	1.2	11.0	21.7	32.8	39.7	45.8
16	51.2	48.5	48.7	43.2	41.5	41.4	38.5	47.4	56.6	68.9	39.4	28.2	19.5	15.4	17.5	16.0	4.0	1.2	-0.4	2.1	4.2	5.7	6.7	6.5
17	6.8	11.4	9.7	6.6	7.0	4.9	8.4	6.8	39.6	26.5	19.1	83.3	9.1	2.9	4.6	-0.6	-0.5	0.0	-0.1	0.0	0.1	0.4	0.3	0.6
18	0.7	1.3	3.4	0.5	37.7	6.1	1.3	8.0	6.1	0.7	6.5	2.1	3.4	0.5	0.0	-8.8	-0.1	-0.1	-3.0	-0.1	0.0	0.1	0.1	12.1
19	0.2	3.2	2.2	0.2	5.1	3.6	2.2	0.3	43.3	0.2	3.3	14.7	4.6	0.1	-6.6	-0.1	-14.7	-0.5	-1.4	-5.6	-0.2	0.5	1.0	1.5
20	1.1	1.9	1.2	1.2	4.9	1.0	1.3	11.2	18.1	46.7	61.3	34.5	19.2	4.3	0.6	-4.6	-5.6	-3.3	-0.1	-0.1	0.0	0.2	0.4	0.5
21	0.7	0.5	10.4	2.5	1.0	0.3	3.8	2.5	10.9	35.8	25.7	10.4	6.3	0.1	0.0	1.1	-0.3	-0.8	-0.1	-0.1	-0.1	-0.1	0.0	0.1
22	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	5.4	0.0	-3.6	0.0	-0.1	-0.1	0.0	0.0	0.0	0.1	0.1
23	0.1	0.1	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.1	16.9	2.6	-0.7	-4.4	-9.2	-0.1	-29.7	-73.8	-8.8	0.0	0.2	1.2	4.0
24	9.9	0.5	1.1	0.9	0.9	1.6	1.6	2.5	1.0	14.0	0.3	1.1	5.2	1.4	0.0	0.0	-0.1	-0.2	-1.1	-0.8	-0.2	0.9	0.9	6.0
25	3.7	1.9	2.0	2.2	2.5	2.9	1.9	1.1	9.9	20.8	27.2	25.3	3.1	0.6	-0.2	-1.3	-1.9	0.0	-0.1	0.0	0.0	0.1	0.1	0.2
26	0.4	0.5	0.5	34.6	37.7	4.9	31.6	30.5	31.0	51.0	31.9	31.1	12.7	15.7	2.2	1.2	-0.6	-2.0	-0.1	-0.1	-0.1	-0.1	0.1	0.2
27	0.3	0.3	0.4	2.2	15.1	10.2	16.6	17.7	13.7	43.9	32.7	19.8	0.1	0.6	0.1	3.1	0.6	-1.3	-0.1	0.0	0.1	0.1	0.2	0.3
28	0.6	1.4	0.4	0.4	9.3	11.5	24.2	26.1	36.0	2.3	15.3	17.2	1.6	0.0	-0.2	-1.4	-6.7	-6.2	-0.1	-0.1	0.0	0.0	0.1	0.1
29	18.2	0.2	0.2	0.2	7.7	0.2	3.2	7.6	62.8	53.8	13.6	0.1	8.4	0.1	0.0	-4.9	-21.4	-0.1	-34.1	-0.1	-3.7	0.0	0.0	0.0
30	0.0	0.0	0.1	1.1	0.1	0.1	0.2	1.5	45.1	16.0	7.4	18.8	0.5	-0.9	-2.8	-0.1	-5.4	-0.1	-0.1	-0.1	0.0	0.0	0.0	0.1
31	0.1	0.1	0.1	5.8	0.1	4.1	0.2	0.2	0.2	1.9	0.1	0.1	-0.8	-0.2	-2.3	-0.1	-9.7	-9.7	-30.7	-9.4	0.5	0.1	0.5	0.1
Média	6.4	4.8	5.5	6.3	8.6	5.8	6.7	7.9	19.7	20.7	17.8	17.0	7.7	4.6	1.9	-0.4	-1.4	-1.8	-4.3	0.5	1.7	2.8	3.4	4.8

Calor latente Outubro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	2.09	2.102	2.149	2.163	2.195	2.218	3.475	6.789	6.794	1.243	69.22	186.5	5.567	12.4	5.051	1.143	11.74	0.695	0.703	1.108	1.099	1.083	1.057	1.069
02	1.072	1.088	1.095	1.113	1.129	1.147	2.13	5.263	97.6	20.27	51.57	2.648	156	26.47	42.05	4.433	102.8	0.598	0.613	0.98	1.771	1.761	1.7	1.708
03	1.694	1.703	1.754	1.77	1.807	1.823	1.859	2.761	6.08	4.931	3.203	104.5	90.37	73.36	42.63	86.32	53.62	26.73	11.99	1.723	0.888	0.884	0.89	0.906
04	0.918	0.937	0.968	0.978	0.986	1.006	1.025	0.574	0.531	0.493	100.7	63.36	0.484	7.717	127.3	140.4	59.75	18.15	0.611	0.583	0.558	0.559	0.543	0.544
05	59.28	0.885	0.524	0.524	7.011	0.484	0.774	16.39	65.55	65.78	49.12	72.79	113.3	210.3	159.2	1.011	81.74	113.6	0.594	0.58	0.585	0.578	15.46	4.318
06	13.6	0.532	20	0.497	8.257	0.485	1.455	0.468	0.467	93.13	79.82	53.26	180.6	5.627	40.71	171.2	45.86	32.01	0.785	45.13	0.705	0.693	0.667	0.643
07	0.641	0.642	0.651	0.654	0.626	0.591	0.562	0.554	91.44	66.87	23.39	80.86	40.65	109.2	41.52	42.23	17.86	0.371	1.354	2.036	2.697	3.537	4.064	4.543
08	5.171	5.776	6.297	7.041	7.448	8.044	8.547	9.014	9.491	10.27	10.84	81.29	84.56	23.61	33.02	18.84	9.781	0.634	0.629	0.597	0.592	0.578	0.564	40.46
09	0.525	7.266	0.535	11.55	6.365	73.2	46.21	0.503	48.22	40.18	137.5	155.1	105.6	198	270.2	92.53	0.617	57.74	0.658	0.626	1.019	84.7	11.71	43.97
10	0.575	4.336	5.924	0.536	0.526	31.23	0.52	22.25	88.64	96.68	119.5	91.94	86.97	117.3	66.05	118	95.16	0.974	0.585	0.562	0.563	0.557	0.554	16.6
11	60.21	8.337	40.2	81.05	93	0.503	0.499	24.31	57.86	86.65	131.6	3.926	1.595	150.7	121.7	38.98	100.1	1.016	0.666	0.653	0.636	0.647	0.618	0.602
12	0.595	0.591	0.594	8.208	0.572	0.554	0.535	0.536	0.923	0.572	21.18	11.61	37.88	67.2	1.725	109.9	65.19	35.6	21.67	40.49	35.38	0.618	8.732	0.566
13	0.564	146.9	69.9	45.05	42.05	3.909	1.534	2.336	2.269	31.78	4.253	11.17	4.053	15.28	20.3	4.59	3.859	3.745	5.169	86.99	42.73	12.53	50.35	27.76
14	65.11	13.78	42.03	31.36	15.93	17.38	17.66	18.2	35.61	87.18	46.42	18.72	16.41	16.75	26.78	39.8	137.3	64.74	66.18	69.13	72.75	79.07	85.14	84.3
15	85.1	89.38	92.84	105.9	98.9	99.49	99.57	101.6	126.3	119.6	76.87	54.3	111.3	124.6	88.61	53.66	157.7	80.71	121.5	130.3	126.4	127.1	129.5	127.9
16	126.9	123.9	128.5	118	119.8	127.4	126.3	146.2	165.1	191.1	133.2	120.6	117.1	114.1	169.5	218.3	89.57	69.8	39.03	32.45	29.11	24.7	23.73	19.27
17	17.64	28.04	22.87	14.91	17.2	13.01	25.06	19.24	106.3	67.54	60.5	361.4	60.46	29.12	107.6	73.76	18.98	0.941	1.827	1.747	1.646	2.518	1.534	2.319
18	2.25	4.301	10.8	1.43	116.8	18.78	3.954	26.43	21.12	2.652	30.79	13.61	37.31	14.95	0.472	117.7	0.485	0.554	24.71	0.844	1.403	0.729	0.759	70.33
19	0.793	13.8	8.793	0.796	17.71	11.78	6.687	0.825	121.9	0.522	13.03	105.3	141.9	21.1	142	0.644	126.8	3.04	8.093	62.24	18.42	5.479	8.02	8.925
20	5.301	7.739	4.353	4.209	16.51	3.206	4.077	35.24	56.09	144.6	241.5	190	177.1	78.84	121.4	136.4	83.49	33.13	1.067	1.847	2.841	2.79	2.727	2.669
21	2.675	1.738	31.94	7.078	2.735	0.942	10.36	7.467	34.22	122.1	107.4	56.44	47.64	0.562	0.591	59.12	15.52	13.36	0.638	0.638	0.631	0.631	0.572	0.555
22	0.57	0.581	0.58	0.593	0.579	0.572	0.565	0.544	0.529	0.507	0.496	0.498	0.5	80.68	41.09	58.9	0.54	0.555	0.573	0.526	0.502	0.491	0.486	0.482
23	0.49	0.496	0.5	0.514	0.506	0.506	0.506	0.513	0.521	0.536	0.523	133.9	78.92	80.97	83.76	94.12	0.586	146.7	296.2	58.48	0.444	0.779	4.261	12.34
24	27.87	1.515	3.037	2.42	2.457	4.104	4.109	6.544	2.562	37.14	0.866	5.423	50.26	38.22	2.484	0.534	0.557	0.94	5.803	8.154	8.033	10.4	7.747	40.88
25	20.56	9.636	9.115	9.44	9.659	9.616	5.759	3.298	30.53	63.69	124.5	230.4	230.1	163	33.88	91.19	50.34	0.674	0.688	1.069	1.028	0.987	0.946	0.935
26	1.703	1.742	1.788	104.3	112.4	14.48	92.55	99.98	114.9	215.6	159.7	191.6	100.6	175.3	42.21	54.49	108.8	52.65	0.775	0.775	1.279	1.279	2.093	1.093
27	1.11	1.129	1.137	6.376	41.94	27.58	44.03	46.64	36.04	115.8	102.4	75.92	0.68	4.187	0.697	52.56	101.8	34.21	0.852	0.784	1.253	1.211	1.192	1.194
28	2.21	4.352	1.182	1.181	25.21	29.87	61.25	67.84	95.59	6.369	55.45	99.11	20.5	0.675	9.182	30.59	77.11	44.53	0.836	0.806	0.793	0.799	0.753	0.721
29	74.24	0.706	0.709	0.706	22.93	0.718	8.762	20.91	174.4	149.7	51.95	0.682	204.6	57.75	0.71	75.77	210.4	0.7	200.5	0.704	71.72	0.69	0.69	0.682
30	0.675	0.637	0.604	5.402	0.594	0.582	0.587	5.446	156.5	53.74	34.65	155	15.02	49.5	40.14	0.696	39.25	0.729	0.749	0.713	0.707	0.709	0.67	0.634
31	0.61	0.615	0.624	31.78	0.628	16.43	0.641	0.648	0.663	6.286	0.673	0.66	37.85	5.852	24.01	0.687	60.21	64.63	206.5	143.2	27.69	0.71	3.022	0.598
Média	18.8	15.6	16.5	19.6	25.6	16.8	18.8	22.6	56.6	61.4	65.9	88.1	76.0	66.9	61.5	64.1	62.2	29.2	33.0	22.5	14.7	11.9	12.0	16.8

Radiação Líquida Novembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-64.3	-66.4	-67.0	-69.1	-71.8	-55.3	-8.0	88.9	332.5	472.5	609.2	448.2	631.0	633.9	467.7	329.9	32.2	-22.7	-48.9	-42.4	-40.9	-44.4	-51.8	-58.7
02	-65.2	-67.3	-69.7	-73.1	-74.3	-74.9	-52.9	15.4	-17.2	173.3	277.6	213.5	296.5	378.2	523.4	369.1	118.2	11.1	-53.6	-56.7	-60.8	-63.7	-65.6	-66.8
03	-69.0	-68.3	-69.1	-69.1	-69.8	-71.7	-63.2	-49.3	23.6	16.7	140.0	36.5	99.6	120.0	188.9	103.1	212.0	-8.8	-59.8	-61.1	-61.2	-62.4	-63.4	-65.1
04	-66.1	-67.8	-68.9	-70.5	-70.5	-70.5	-62.5	-54.2	6.6	181.8	306.5	459.8	262.6	675.8	89.9	150.1	33.5	-17.4	-52.6	-52.9	-52.9	-52.9	-56.8	-61.7
05	-66.3	-67.9	-68.9	-70.5	-70.5	-70.3	-50.7	69.0	251.1	77.8	279.3	405.0	316.4	633.3	582.2	88.1	10.1	7.4	-49.1	-50.8	-49.6	-49.6	-50.6	-52.6
06	-57.1	-64.1	-69.6	-76.5	-75.3	-61.9	-27.1	68.2	537.4	153.6	710.8	689.8	652.1	638.4	499.1	243.7	204.9	-1.5	-52.3	-57.4	-60.8	-66.0	-67.6	-69.3
07	-71.3	-72.1	-73.1	-73.4	-73.4	-51.7	-34.8	36.5	79.2	116.1	326.6	265.9	711.9	649.5	555.8	388.9	95.3	-16.3	-54.0	-56.1	-60.9	-69.1	-69.1	-69.1
08	-68.5	-70.0	-71.6	-73.4	-76.8	-66.1	-29.6	39.2	147.5	345.4	691.6	649.1	679.8	268.2	327.9	130.1	85.1	-0.2	-55.2	-58.5	-59.1	-60.6	-62.0	-64.7
09	-66.8	-67.7	-70.1	-71.0	-70.1	-63.0	-47.0	7.5	134.4	135.7	161.0	87.5	87.4	175.1	91.0	41.1	20.6	-31.8	-74.4	-76.1	-76.4	-76.7	-77.9	-78.3
10	-78.8	-80.0	-80.4	-81.6	-81.6	-80.1	-55.5	41.1	92.8	181.1	251.0	191.4	383.4	220.0	142.3	3.2	4.2	-35.1	-59.2	-62.9	-65.1	-67.1	-67.1	-66.3
11	-66.3	-67.6	-68.1	-69.3	-70.5	-71.8	-60.5	24.1	124.5	117.8	127.5	633.8	538.6	11.3	482.2	63.7	11.8	54.0	-48.1	-53.7	-56.4	-59.3	-63.0	-65.5
12	-69.6	-70.1	-71.2	-71.1	-70.5	-50.0	50.6	184.2	151.6	162.7	249.0	163.9	218.9	559.6	-5.4	138.4	-12.5	-10.9	-27.0	-35.7	-40.0	-45.6	-47.9	-50.9
13	-53.2	-54.8	-56.0	-57.6	-59.3	-20.2	92.5	233.1	229.5	619.6	676.6	253.6	503.9	248.6	23.2	119.6	12.9	-29.1	-32.2	-40.3	-51.0	-61.6	-61.9	-63.0
14	-63.9	-66.3	-68.2	-70.5	-68.7	-61.6	-32.0	-24.9	40.4	155.8	215.2	232.8	160.8	82.3	239.4	119.9	0.0	-14.9	-42.3	-51.4	-53.6	-55.8	-57.0	-57.6
15	-58.9	-62.2	-66.2	-68.9	-71.2	-63.3	-52.0	-55.5	-21.8	14.2	7.7	242.9	154.3	149.8	199.8	167.3	39.4	-19.4	-52.7	-58.0	-61.9	-65.9	-67.1	-69.1
16	-69.9	-69.9	-70.6	-70.0	-70.0	-64.9	-56.3	34.0	-8.1	62.8	44.8	277.5	688.5	259.8	683.4	514.8	77.1	-38.9	-38.2	-46.4	-55.0	-65.0	-66.0	-68.4
17	-70.0	-70.0	-69.3	-68.7	-69.2	-50.7	-1.4	177.8	364.7	661.5	448.8	342.2	465.4	615.6	205.2	423.9	287.8	13.8	-47.2	-58.0	-60.8	-62.6	-66.6	-71.4
18	-76.3	-75.5	-74.6	-73.8	-75.5	-70.7	-44.4	97.9	103.5	183.7	762.7	371.4	699.9	354.9	347.9	382.2	212.6	52.3	-53.9	-60.1	-59.1	-58.2	-65.6	-73.8
19	-80.3	-79.6	-77.8	-76.6	-74.6	-65.5	-12.8	135.1	175.1	236.8	392.8	419.1	131.9	397.1	343.9	520.8	129.5	62.3	-53.3	-60.3	-59.7	-59.7	-62.0	-65.9
20	-70.6	-71.0	-72.1	-72.0	-70.8	-51.9	-7.2	-20.7	406.9	202.6	259.1	180.5	661.0	238.3	59.0	6.7	21.2	-28.7	-55.5	-59.2	-59.6	-61.6	-63.2	-64.1
21	-65.2	-66.4	-67.5	-68.7	-68.7	-52.6	-25.0	30.6	108.5	555.6	623.2	-26.6	664.6	-0.9	601.2	458.0	330.5	126.6	-51.3	-61.6	-62.1	-66.7	-69.2	-72.8
22	-76.8	-79.3	-82.5	-85.1	-86.6	-74.9	-37.3	46.8	154.8	489.4	589.7	616.7	630.9	606.2	534.1	442.5	252.0	57.2	-56.5	-64.0	-66.4	-69.8	-72.0	-75.1
23	-79.1	-79.8	-80.5	-81.9	-78.7	-64.0	-40.8	80.2	409.4	573.0	660.8	673.9	644.1	610.5	564.7	435.1	260.7	81.9	-30.2	-41.2	-44.8	-50.4	-53.0	-57.8
24	-62.0	-64.6	-66.3	-69.5	-71.7	-32.3	57.5	218.4	446.0	456.3	632.4	648.1	649.8	601.2	577.3	-0.6	92.2	-27.5	-29.2	-40.8	-49.1	-59.5	-62.7	-65.2
25	-66.4	-65.8	-64.4	-64.4	-63.0	-53.7	-14.3	373.1	124.3	152.9	430.7	138.3	210.0	269.2	232.6	141.4	-42.0	-42.5	-41.8	-50.8	-59.5	-68.1	-67.5	-67.5
26	-67.5	-67.5	-66.9	-66.9	-66.9	-59.6	-46.8	-34.9	2.5	75.9	22.1	233.7	142.8	52.2	86.5	238.7	109.9	-1.8	-55.4	-62.3	-61.3	-61.7	-62.2	-63.4
27	-63.9	-64.5	-66.4	-67.7	-68.3	-55.0	-40.9	-8.7	59.3	95.9	87.9	678.9	264.3	318.9	29.0	46.1	118.3	-12.0	-55.7	-57.4	-57.4	-56.8	-59.3	-61.0
28	-62.8	-64.1	-64.5	-65.1	-65.1	-61.2	-57.7	-14.1	18.9	130.7	136.8	216.2	274.2	149.2	512.4	176.4	80.2	-29.3	-34.5	-40.6	-42.6	-44.3	-47.3	-49.7
29	-52.6	-53.1	-53.5	-53.4	-53.4	-37.5	25.9	76.3	561.8	253.8	482.2	675.4	646.9	639.1	575.9	547.8	304.8	328.3	-3.3	-41.7	-47.0	-53.3	-57.7	-61.3
30	-66.1	-68.5	-69.6	-71.4	-69.6	-51.9	-1.9	139.7	367.9	550.5	32.4	258.5	514.8	392.3	676.8	529.8	83.4	55.9	-19.7	-36.3	-41.1	-44.9	-48.3	-50.1
Média	-67.2	-68.4	-69.5	-70.7	-70.9	-59.3	-24.5	65.2	180.3	253.5	354.5	355.9	432.9	364.9	347.9	244.0	106.2	15.4	-46.2	-53.2	-55.9	-59.4	-61.7	-64.2

Calor sensível Novembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.2	7.0	0.2	3.3	1.5	3.5	10.9	0.2	12.0	23.5	9.7	8.3	4.5	0.5	-0.3	-0.6	-0.1	-0.3	-0.2	-9.7	6.0	0.8	14.0	2.7
02	28.7	4.3	4.7	5.4	6.2	6.5	8.3	9.2	13.5	9.2	37.3	9.2	35.9	12.5	9.2	16.5	11.6	1.9	0.2	0.4	0.7	0.9	1.1	1.2
03	1.4	1.4	1.6	1.7	1.7	1.8	1.9	1.9	2.0	25.7	35.0	21.9	24.1	22.2	20.4	17.7	13.7	13.0	14.1	16.6	17.5	20.7	22.7	24.9
04	27.0	28.2	29.0	31.8	32.4	27.8	28.1	30.5	31.4	41.2	36.8	35.5	31.0	29.3	19.2	16.4	17.4	16.2	17.3	15.1	15.9	15.3	21.2	23.9
05	28.5	30.9	33.0	38.9	33.9	32.0	33.0	46.3	42.3	42.4	33.2	21.3	18.8	19.0	13.2	13.5	13.4	7.8	5.7	5.2	4.2	4.1	13.6	20.3
06	26.3	32.6	39.7	47.5	47.6	47.8	47.5	59.0	54.8	51.4	34.5	31.2	24.7	18.4	9.6	4.7	3.3	0.9	-2.1	9.8	12.7	22.4	27.4	29.6
07	34.4	36.7	39.0	41.1	42.3	41.3	41.9	54.1	40.0	40.9	30.2	16.4	16.0	11.6	3.6	2.8	0.8	-3.1	-3.3	3.6	13.0	18.8	19.8	20.3
08	21.2	23.8	26.2	29.1	31.8	35.5	35.8	39.2	15.6	16.4	7.3	3.2	5.6	6.9	2.0	2.4	2.7	3.8	3.8	7.1	10.1	12.6	18.3	17.4
09	19.8	20.7	25.0	27.7	30.0	30.4	32.9	47.2	47.0	49.8	46.8	48.0	47.1	49.8	48.6	46.1	44.5	40.6	37.6	35.4	36.5	35.9	36.6	36.5
10	38.5	39.2	41.3	42.0	42.3	43.0	43.0	58.1	49.1	48.2	47.0	37.1	34.8	30.3	25.9	22.7	21.5	20.4	20.4	25.2	30.0	34.9	35.7	32.6
11	30.9	31.9	33.3	34.6	35.1	32.6	30.8	37.5	43.7	43.8	41.1	37.4	32.3	32.2	53.2	28.3	17.7	7.2	6.3	10.5	13.6	18.2	22.0	26.2
12	30.1	32.7	33.7	33.4	32.5	31.5	41.0	37.8	35.7	33.6	24.1	20.2	14.1	7.9	8.4	6.5	2.3	-3.1	-6.9	-0.8	7.3	15.3	18.7	20.0
13	22.4	23.9	25.6	27.5	27.2	28.9	42.4	37.6	35.5	33.2	26.9	10.8	6.3	4.3	-0.6	-7.9	-7.7	-11.9	-9.4	5.3	16.6	28.8	29.0	27.5
14	29.6	31.4	31.8	33.8	31.5	30.6	29.7	30.7	39.0	39.5	40.8	40.0	38.2	34.9	27.0	22.7	22.1	17.4	13.3	16.9	19.5	24.3	24.6	24.5
15	25.4	28.7	31.0	34.3	36.6	38.2	39.3	37.0	36.0	37.1	43.4	40.7	43.4	42.2	33.3	33.9	30.0	26.6	23.3	22.9	25.8	26.5	27.6	31.2
16	29.3	30.2	30.5	34.5	30.1	28.7	29.3	36.8	38.5	39.6	35.0	32.0	27.0	22.5	24.2	5.2	9.3	8.1	4.0	10.8	17.6	24.7	26.3	27.8
17	28.7	30.1	32.2	30.9	29.0	28.6	27.7	22.1	26.3	37.6	23.0	15.7	13.7	16.6	12.2	8.3	8.8	6.1	2.1	7.1	12.5	17.5	21.0	24.8
18	29.2	29.5	30.5	29.6	30.1	31.6	31.5	41.7	40.9	45.6	32.0	25.8	21.3	15.3	11.3	3.4	2.9	3.0	4.0	8.4	10.6	13.5	17.0	20.6
19	23.8	24.5	24.9	27.2	22.9	19.2	17.0	28.5	25.4	24.3	29.8	20.2	40.7	27.1	29.9	29.7	17.6	5.5	5.2	3.0	1.5	1.3	0.7	3.2
20	5.6	1.1	0.9	2.1	4.4	15.6	8.0	10.4	23.0	13.2	46.3	16.0	13.7	3.7	0.1	6.0	6.2	5.9	2.1	4.3	1.1	9.2	0.3	4.7
21	14.8	1.4	0.3	0.3	0.6	0.6	6.8	0.3	0.3	0.2	0.2	0.2	8.0	7.7	1.5	2.1	0.4	-0.1	-0.1	0.2	0.5	1.1	1.3	1.6
22	2.2	2.3	7.7	18.2	2.7	3.1	7.2	2.8	19.8	1.6	1.1	0.6	1.3	0.2	0.0	0.5	0.1	0.0	0.0	0.1	1.6	0.6	0.8	1.0
23	1.3	1.7	6.1	8.9	3.3	12.9	13.5	23.2	31.9	27.8	30.2	0.3	0.1	0.3	0.7	-0.1	-2.5	-2.6	-0.2	-0.1	0.0	0.5	0.1	0.2
24	0.2	0.3	0.2	0.2	2.7	0.3	5.9	0.4	0.2	31.0	15.9	0.7	0.3	-0.1	-2.0	-0.1	-8.4	-3.2	-0.5	0.0	2.5	0.3	2.5	9.4
25	0.3	0.3	0.2	0.2	0.3	0.3	0.3	0.5	6.5	0.8	3.7	0.2	5.5	8.0	20.6	5.2	25.0	1.7	8.3	1.5	2.2	3.2	7.8	6.1
26	4.0	3.2	3.2	4.9	7.7	4.3	17.2	24.0	4.9	17.4	40.8	14.1	42.9	7.5	3.7	3.5	6.0	3.4	3.1	3.4	9.5	3.8	9.5	5.2
27	5.1	11.1	4.4	9.9	12.0	42.2	36.5	26.5	24.2	14.5	19.7	33.4	17.9	39.6	18.0	14.9	23.2	15.0	15.7	17.3	20.7	20.4	20.1	21.1
28	23.8	26.0	23.3	23.6	24.1	24.4	24.6	25.2	29.2	43.9	36.2	25.0	20.5	25.0	23.9	15.2	8.7	8.9	11.5	11.4	22.6	16.9	18.6	20.6
29	22.7	23.8	24.7	25.0	25.2	25.5	25.5	28.0	27.9	15.9	11.1	10.7	8.3	8.2	4.6	1.0	-0.1	-8.2	-11.8	0.7	12.7	25.8	31.3	37.3
30	44.2	46.2	48.5	49.9	49.2	49.6	45.8	36.6	39.2	28.2	36.0	19.5	14.4	13.4	8.3	7.3	12.2	15.0	17.5	21.7	25.7	30.6	34.2	41.2
Média	20.0	20.2	21.1	23.2	22.6	23.9	25.4	27.8	27.9	29.2	28.5	19.9	20.4	17.2	14.3	10.9	10.1	6.5	6.0	8.4	12.4	15.0	17.5	18.8

Calor latente Novembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	0.562	23.04	0.58	10.95	4.71	10.53	31.19	0.638	33.79	67	36.78	48.51	60.78	14.59	26.98	13.38	0.729	2.247	1.354	139.2	372.5	6.129	73.92	11.31
02	102.7	14.39	14.57	16	18.12	18.98	24.13	26.59	38.53	26.26	117	32.03	142.2	57.15	49.66	108	96.24	22.55	4.385	4.414	4.625	4.564	4.749	4.867
03	5.076	4.924	5.082	5.165	5.333	5.647	5.725	5.893	5.984	78.29	108.2	69.85	78.09	73.94	68.6	61	51.04	53.11	63.02	67.47	64.3	69.85	74.03	78.5
04	82.63	83.85	84.01	89.6	91.32	78.4	79.04	85.79	88.4	116.3	104.9	103.6	91.08	102	81.19	92.51	96.71	88.49	92.26	81.72	85.48	82.41	95.32	94.51
05	99.89	104.6	108	123.5	107.7	103.1	106.1	142.6	125.1	120.5	108.3	82.82	88.83	102.2	81.24	103.3	133.6	102.8	137.3	134.8	133.8	127.8	124.8	105.1
06	93.57	104.7	115.5	129.3	130.3	129.4	129.3	160.7	149.9	140.5	113.7	130.7	140.5	136.4	102.2	79.59	96.76	97.19	111.8	193	101.4	108	115	108.4
07	113.3	116	119.7	120.9	124.5	121.1	122.9	159.9	119.4	122.9	112.7	81.03	111.4	109	51.04	109	85.46	191.4	83.45	69.56	81.94	71.77	75.47	77.32
08	81	82.31	83.88	85.59	89.78	98.16	95.61	105.4	42.01	44.5	24.57	14.33	36.24	57.45	24.9	46.37	51.67	83.49	88.87	95.01	91.8	88.65	101.4	80.94
09	78.1	78.94	93.12	99.58	100.1	95.59	96.21	136.6	137	144.1	139.1	144.6	145.5	151.1	146.4	136	134.2	124.9	117.8	106.5	105.2	99.3	100.6	98.75
10	103.5	104.8	108.5	109.9	110.7	112.3	112.3	152.3	129.5	127.8	132.9	114.2	116.9	112.4	107.7	106.3	100.6	95.95	95.96	96.73	97.45	98.33	100.6	90.61
11	85.95	88.06	91.29	94.33	95.04	88.93	83.52	100.9	117	116.8	115.4	111.7	102.7	112.5	203.6	123.9	99.73	55.77	81.19	79.21	74.65	76.46	78.99	81.73
12	84.13	89.73	91.89	89.1	87.37	84.93	111.3	102.9	97.26	91.73	77.57	79.42	74.54	51.67	70.49	76.45	78.32	77.5	64.61	68.47	65.44	65.03	74.14	74.45
13	78.74	80.76	83.09	85.97	82.43	86.23	122.7	109.8	102.6	96.6	103.8	61.86	72.57	74.51	102.2	107.4	104.7	148.5	109.3	85.59	85.26	93.16	89.32	81.92
14	84.26	88.59	88.58	92.91	87.05	84.91	82.85	85.42	108.5	110	113.8	111.6	107	109.3	96.93	94.39	106.4	97.63	95.4	88.48	81.61	82.69	82.83	81.56
15	83.82	88.11	90.83	94.7	100	101.6	103.5	97.93	95.34	98.76	115.7	110	118.1	121	103.6	112.9	105.1	98.87	92.28	84.03	88.08	85.19	82.59	88.55
16	78.01	80.42	82.32	93.02	81.2	76.22	77.77	97.84	102.5	105.6	98.41	97.71	88.75	85.44	109.6	28.83	63.14	76.23	77.7	66.53	66.26	71.41	73.81	76.9
17	77.35	81.2	85.49	81.94	75.23	71.81	68.22	54.76	66.21	95.35	71.5	63.27	77.03	104.3	89.48	73.22	100.4	112	103	95.18	88.18	82.76	83.29	84.93
18	88.85	86.61	87.88	82.23	82.41	86.38	84.88	110.3	106.7	116.8	95.52	91.89	93.93	85.18	84.78	36.17	34.17	39.55	67.47	84.82	74.18	71.22	73.37	77.9
19	79.97	76.8	72.24	73.99	65.2	56.78	52.81	88.97	80.32	77	107.4	84.62	200.8	147.1	181.4	201.2	139.8	52.48	64.69	37.39	18.97	16.19	4.332	12.5
20	16.34	3.267	2.559	5.795	12.16	44.4	23.1	31.09	70.28	41.87	168	66.66	67.91	21.36	0.869	55.78	44.81	34.68	10.64	17.94	3.644	27.83	0.789	13.03
21	39.97	3.756	0.817	0.83	1.523	1.501	18.01	0.844	0.87	0.551	0.542	0.908	56.49	72.36	20.5	46.96	65.14	5.751	1.281	11.98	4.981	5.659	5.543	5.542
22	6.589	6.667	21.16	47.78	6.98	7.961	17.91	6.978	50.27	3.981	3.825	2.943	12.84	1.926	0.614	9.528	12.16	0.727	1.37	3.552	21.05	4.295	4.143	4.045
23	3.998	5.023	17.54	24.45	9.4	38.04	41.61	78.73	120.5	117.3	153.3	1.89	1.06	3.91	18.23	15.21	58.62	33.45	1.78	0.914	0.531	5.759	0.868	0.89
24	0.901	0.913	0.546	0.561	7.907	0.949	16.1	0.975	0.593	85.6	60.33	4.45	8.993	22.16	36.73	0.619	79.25	39.13	7.785	0.462	13.26	0.87	8.357	31.04
25	0.942	0.93	0.542	0.542	0.875	0.875	0.848	1.579	20.22	2.44	14.48	0.883	48.28	56.19	117.6	24.41	135.8	11.11	69.63	7.374	7.907	9.328	22.47	17.49
26	11.61	9.199	9.071	13.98	22.16	12.17	49.26	68.01	13.82	48.53	113.5	38.54	116.8	20.91	10.59	10.29	18.34	10.59	10.13	10.83	29.24	11.29	27.76	15.21
27	14.53	31.34	12.59	28.06	33.64	118	101	72.83	66.22	39.58	56.17	99.12	56.08	129.5	62.7	54.66	85.96	57.67	61.18	61.92	68.56	62.6	60.65	61.78
28	68.89	74.73	65.53	65.67	67.18	68	68.68	70.19	82.88	124.4	104	74.11	61.76	89.27	108.8	91.77	58.26	66.13	103.1	71.28	109.4	64.84	66.6	69.49
29	73.01	74.28	74.89	73.63	74.2	74.89	74.89	82.58	82.78	47.2	38.24	43.14	40.62	60.52	54.1	43.57	49.52	288	152.1	133.8	126.8	129	128.7	129
30	135.4	139.5	142.3	144.5	142.9	142.6	132.4	107.8	115.8	85.1	142.6	113.1	151.3	169.4	120	139	176.5	130.1	103.3	109.4	118.8	129	129.4	140
Média	62.5	60.9	61.8	66.1	63.9	67.4	71.1	78.2	79.0	83.1	91.7	69.3	85.6	81.8	77.8	73.4	82.1	76.6	69.1	70.3	76.2	61.7	65.5	63.3

Radiação Líquida Dezembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	-52.4	-53.8	-57.0	-59.0	-67.5	-40.7	0.0	97.9	113.2	270.4	296.3	145.5	396.9	417.1	405.0	390.7	281.8	189.8	-4.7	-25.7	-31.4	-37.4	-45.1	-53.0
02	-60.2	-64.9	-70.9	-75.3	-79.8	-74.7	-12.6	45.7	84.2	111.2	597.4	200.5	699.1	472.3	344.8	264.7	161.3	82.3	7.2	-18.3	-29.9	-41.0	-50.4	-58.0
03	-66.9	-69.9	-73.5	-77.1	-85.0	-74.8	-47.6	232.7	444.9	317.3	145.7	658.0	613.7	554.0	588.9	413.7	116.5	169.8	11.8	-11.2	-25.7	-40.2	-48.4	-54.9
04	-62.0	-67.8	-72.7	-78.2	-83.4	-82.4	-37.3	103.4	175.6	488.6	186.0	46.6	13.6	594.2	524.5	431.3	336.5	188.9	56.4	-7.3	-23.3	-38.8	-47.5	-56.5
05	-64.0	-67.5	-71.2	-74.6	-79.1	-71.8	-34.7	66.7	95.9	250.9	382.4	390.2	424.6	290.1	665.8	463.3	347.8	187.8	51.0	-3.8	-17.3	-29.8	-40.6	-51.8
06	-61.7	-68.0	-73.3	-79.3	-87.5	-78.7	24.0	99.3	48.5	622.0	675.8	597.5	638.8	603.8	532.6	422.3	295.2	182.9	52.4	9.9	0.0	-11.8	-27.8	-42.9
07	-57.0	-63.9	-70.8	-77.2	-81.4	-73.0	-34.6	69.6	136.6	226.5	660.8	680.6	626.5	566.8	502.1	409.4	295.3	177.0	28.8	3.2	-8.9	-19.7	-31.0	-42.7
08	-53.0	-59.3	-64.8	-70.8	-80.2	-59.0	-3.0	162.3	95.0	513.3	585.5	622.9	622.4	632.1	607.7	539.2	353.7	164.5	25.3	2.0	0.6	-1.5	-14.1	-27.2
09	-38.7	-42.7	-47.3	-51.2	-57.2	-35.2	19.5	186.9	409.2	456.4	498.4	656.9	694.9	659.6	295.6	286.1	-3.9	-25.6	-56.0	-58.7	-59.1	-60.3	-60.3	-59.5
10	-59.5	-58.9	-57.6	-56.9	-53.5	-46.3	-4.1	52.8	56.3	149.6	233.3	717.7	342.9	353.0	619.7	618.8	143.5	26.7	-38.7	-50.7	-56.2	-61.1	-61.1	-61.1
11	-61.1	-62.2	-63.4	-64.5	-58.2	-36.7	77.3	80.4	492.6	306.4	228.4	233.4	288.1	426.4	370.5	258.1	202.3	158.1	-23.2	-50.3	-54.2	-57.2	-59.1	-60.8
12	-64.5	-62.0	-59.5	-56.9	-46.6	-19.1	50.6	299.2	498.0	635.3	658.0	653.2	654.4	494.7	190.5	-32.4	-42.4	-41.3	-49.9	-56.9	-58.1	-58.7	-59.4	-59.5
13	-60.1	-60.1	-60.7	-60.7	-55.2	-41.3	-28.4	31.3	112.8	222.9	369.3	599.9	695.2	687.1	589.7	470.0	264.4	26.7	-30.9	-50.5	-52.2	-53.3	-54.3	-55.5
14	-56.6	-56.6	-55.7	-55.7	-50.3	-23.3	-3.1	112.6	181.4	244.3	678.6	483.0	687.1	683.0	-40.6	108.4	114.1	67.8	-34.4	-54.1	-56.2	-61.9	-63.8	-65.6
15	-67.5	-65.6	-63.2	-61.3	-52.3	-22.0	23.6	245.0	526.4	315.9	659.3	149.3	494.2	681.3	348.4	454.3	7.1	41.4	-35.0	-57.6	-59.0	-58.8	-62.9	-67.8
16	-71.9	-71.3	-69.3	-68.7	-59.1	-23.2	51.8	268.6	447.2	538.9	644.6	665.2	650.0	654.8	102.1	38.2	-19.5	-28.5	-64.8	-71.8	-69.4	-67.6	-68.2	-68.1
17	-68.7	-69.3	-69.9	-70.5	-58.5	-33.1	28.8	168.7	432.3	572.7	509.5	720.6	694.4	673.2	533.5	63.3	-21.1	-49.5	-21.7	-63.7	-63.7	-63.1	-66.2	-69.3
18	-72.3	-73.6	-75.3	-76.5	-65.1	-43.7	7.2	157.8	301.3	588.6	652.9	704.5	703.6	649.2	619.2	467.5	372.4	172.5	-22.9	-57.5	-61.8	-66.1	-66.8	-67.1
19	-67.9	-66.1	-64.9	-63.0	-52.3	-40.1	12.0	184.8	372.8	606.0	621.6	712.9	671.9	667.7	617.4	571.6	290.2	-2.8	-46.0	-62.3	-62.6	-62.7	-44.3	-44.3
20	-44.3	-45.4	-47.8	-68.7	-64.0	-47.1	-2.2	79.9	114.5	270.4	141.9	499.8	569.8	308.9	472.1	531.5	275.2	119.3	-65.7	-75.4	-76.9	-79.3	-83.0	-85.3
21	-88.9	-87.1	-85.9	-84.1	-84.1	-64.9	-7.9	262.3	369.9	120.3	218.1	395.7	668.8	674.3	552.8	465.3	297.4	119.1	-54.1	-89.3	-92.4	-96.7	-98.4	-100.0
22	-101.7	-101.7	-101.1	-101.1	-85.6	-59.5	66.0	264.6	409.9	571.7	630.8	663.0	650.1	611.8	540.5	417.4	267.4	71.0	-59.1	-71.3	-71.3	-72.2	-72.0	-73.4
23	-74.0	-74.0	-74.8	-74.2	-71.4	-62.6	-52.4	15.0	340.0	294.5	224.7	189.0	683.3	635.2	561.3	425.6	259.9	91.6	-69.8	-91.0	-90.9	-92.2	-93.4	-93.2
24	-93.8	-89.9	-87.6	-83.9	-77.6	-58.4	-23.0	220.9	498.9	599.9	635.0	708.6	649.1	618.9	523.8	382.5	287.0	105.6	-56.3	-96.5	-98.1	-99.8	-97.7	-94.7
25	-93.2	-90.6	-88.0	-85.4	-76.9	-53.7	-25.0	113.1	443.2	674.5	667.9	695.9	556.7	633.7	585.6	429.6	320.2	126.5	-55.2	-112.0	-100.7	-90.7	-93.5	-96.4
26	-99.2	-98.6	-98.6	-98.0	-84.4	-48.0	21.2	217.9	417.6	561.6	614.9	629.8	628.0	607.7	535.9	449.9	344.3	178.6	-16.1	-87.3	-86.5	-87.2	-88.5	-90.5
27	-91.9	-93.5	-95.3	-96.3	-95.7	-81.4	-25.9	66.8	290.7	578.0	244.5	666.4	627.3	350.4	532.3	413.7	300.4	115.8	-51.0	-86.7	-86.7	-87.4	-88.7	-90.9
28	-92.2	-93.4	-93.8	-94.4	-83.9	-63.0	-10.6	30.9	92.0	430.7	308.1	210.3	378.2	611.9	534.3	418.4	131.1	135.5	24.4	-87.9	-91.7	-97.1	-98.8	-100.8
29	-103.4	-102.1	-101.5	-100.8	-89.5	-62.8	17.1	33.0	33.0	288.9	237.6	292.0	668.6	621.8	298.5	179.2	147.3	47.1	-60.8	-83.9	-86.8	-90.4	-91.3	-93.0
30	-94.0	-91.2	-88.4	-84.9	-76.9	-60.8	-16.8	70.2	308.3	613.3	667.7	704.2	284.8	662.0	541.0	422.7	261.1	105.5	-51.4	-88.3	-92.0	-94.5	-94.5	-93.2
31	-92.5	-91.8	-92.1	-92.0	-87.3	-76.4	-49.0	17.6	58.2	124.3	405.5	669.9	665.3	676.8	558.3	394.3	228.2	98.2	-56.7	-93.5	-92.4	-91.0	-90.4	-89.8
Média	-72.1	-73.0	-74.1	-75.5	-71.9	-53.5	-0.6	130.9	271.0	405.3	460.7	514.9	569.1	573.3	472.7	373.2	213.4	96.8	-24.7	-56.4	-59.8	-63.5	-66.5	-69.9

Calor Sensível Dezembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	43.5	44.5	45.1	46.0	49.7	53.1	61.4	65.9	62.4	66.0	53.7	39.7	29.6	23.4	27.2	19.1	18.4	16.4	13.6	19.5	25.0	31.4	38.5	46.5
02	54.7	57.9	62.7	65.1	65.8	65.3	66.5	69.7	68.3	55.8	48.8	39.9	29.1	22.5	15.4	12.6	6.4	4.5	1.4	12.5	24.4	35.1	44.1	53.8
03	63.4	67.3	72.6	77.5	77.9	80.9	82.9	97.1	98.5	82.8	54.1	36.4	26.6	14.1	4.6	4.6	1.1	-0.5	-0.1	0.1	0.3	0.5	0.6	0.7
04	0.8	0.9	0.9	1.0	1.7	1.0	5.9	23.4	8.5	8.0	39.2	0.1	26.4	2.2	0.0	0.2	-0.6	0.0	0.0	0.0	0.1	0.1	0.2	0.1
05	0.2	0.3	0.3	0.3	29.4	17.1	23.9	12.1	24.8	33.6	15.3	2.8	6.6	0.0	2.3	-0.3	-9.7	-0.9	-0.8	0.0	0.0	0.1	0.1	0.2
06	0.2	0.3	0.3	0.4	0.4	0.4	7.5	0.3	38.8	4.5	13.2	0.1	4.9	0.4	-1.5	-2.0	-11.4	-4.7	-4.5	-0.1	-0.6	0.0	0.1	0.2
07	0.1	4.3	2.5	4.6	1.2	1.0	5.6	0.3	4.2	21.8	25.2	9.4	9.2	4.3	2.7	-0.6	-9.0	-3.3	-3.9	0.0	0.0	0.0	0.1	0.1
08	0.4	0.2	0.2	0.2	0.2	3.9	0.2	0.2	24.5	27.1	0.1	0.1	-0.5	0.0	-6.6	-3.4	-1.4	-2.1	-0.4	0.0	0.0	-0.1	0.0	0.9
09	0.1	0.1	0.1	2.2	0.1	7.9	5.3	3.0	1.4	7.1	0.0	-0.1	-5.5	-0.1	-6.3	5.0	16.4	5.1	48.8	68.2	24.8	19.2	0.8	0.2
10	0.2	4.2	0.3	3.5	0.8	0.2	1.5	0.1	0.1	0.0	0.0	-0.1	0.0	0.2	4.6	0.7	5.2	0.1	0.1	1.1	4.7	12.5	14.3	5.9
11	3.4	5.4	26.6	6.2	4.3	5.0	1.7	1.1	0.6	3.5	0.4	2.1	0.6	2.8	0.5	0.7	0.9	0.9	9.0	2.5	2.8	3.0	4.1	6.0
12	4.1	7.2	5.9	8.4	4.1	3.2	-0.7	-1.8	-0.1	-9.6	-1.0	0.4	4.7	26.1	0.7	3.6	12.0	8.9	16.4	17.1	8.2	12.3	14.2	17.0
13	8.9	9.4	10.6	9.3	12.8	8.8	4.9	2.7	1.2	-0.7	-1.3	-8.7	-23.8	-4.7	2.0	5.6	16.7	18.2	8.3	5.4	5.6	6.7	7.0	6.7
14	6.8	6.6	6.8	15.2	5.5	3.5	1.6	0.5	-1.8	-6.2	0.6	17.5	1.5	29.2	29.1	4.2	3.3	2.8	5.4	4.5	4.7	5.5	5.4	5.9
15	5.8	5.6	10.6	5.6	5.3	2.4	0.7	-0.1	-4.2	-4.2	-3.3	-1.2	-1.0	-3.8	6.8	15.6	10.1	4.7	4.7	0.7	9.0	0.5	0.5	2.8
16	0.6	0.3	0.3	0.3	0.4	0.2	0.3	0.0	-3.1	-11.7	-0.1	-3.8	-8.9	1.0	4.5	53.0	63.5	3.3	13.7	0.3	0.3	4.0	0.3	1.2
17	1.2	4.2	2.4	0.3	0.4	0.1	1.1	0.0	0.0	-0.2	-0.4	-0.1	-2.5	0.7	2.1	10.6	47.1	9.0	17.2	1.4	2.2	1.4	5.9	1.5
18	1.9	1.9	2.0	2.0	1.8	0.8	0.1	-0.6	-0.1	-0.6	-0.1	-0.6	-0.1	-0.1	0.0	0.0	2.4	1.0	3.3	12.5	10.6	0.2	0.2	0.2
19	3.9	0.2	12.7	0.2	6.7	0.0	-0.1	-0.1	-0.1	-0.1	-1.4	-0.1	-19.5	-2.0	0.0	7.9	0.4	0.1	0.1	44.7	17.4	19.3	3.7	10.0
20	4.9	1.5	0.2	0.3	2.2	0.2	0.2	0.2	1.2	0.1	1.2	0.0	0.0	6.6	0.1	34.2	0.1	12.4	1.0	0.6	0.4	2.5	0.2	0.8
21	0.3	0.3	0.3	0.2	0.2	14.7	0.8	29.4	22.9	27.1	14.8	4.4	0.0	1.5	8.3	22.1	1.0	2.8	10.7	0.8	0.3	0.3	0.3	0.3
22	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	0.0	0.0	-9.2	-1.0	0.0	6.8	18.3	6.0	0.5	0.3	0.8	15.5	5.6	0.9	10.1
23	5.5	6.4	0.4	0.2	0.5	0.2	0.3	0.2	0.5	3.2	3.6	0.6	-1.1	2.9	16.2	7.1	0.2	6.6	0.2	0.2	0.3	2.1	0.3	0.3
24	0.3	16.0	0.2	33.0	18.9	0.8	0.5	4.7	4.6	0.5	3.3	0.9	-2.4	0.0	0.1	0.1	5.2	6.2	3.8	0.3	0.3	0.3	0.3	0.3
25	0.3	0.3	1.5	0.2	0.3	0.1	0.4	0.1	0.0	4.5	0.0	-0.1	-0.1	0.0	12.0	18.4	47.8	21.3	3.9	0.2	0.2	0.3	0.3	0.3
26	0.3	0.3	0.3	0.3	0.2	0.1	0.1	0.0	0.0	-1.4	-0.9	-2.2	-14.8	-0.7	0.8	7.6	13.3	1.1	0.2	0.2	0.2	0.2	0.2	0.3
27	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.1	-0.6	-1.6	-3.5	-7.3	0.7	11.7	4.1	25.7	2.0	0.2	0.2	0.2	0.2	10.5	10.1
28	0.3	21.8	2.1	0.3	3.3	0.2	0.5	0.2	2.8	0.1	1.1	0.2	-0.6	1.5	1.3	6.5	23.2	5.6	16.9	0.2	0.2	0.2	45.9	0.3
29	2.7	14.1	0.3	0.3	0.2	3.1	1.5	1.9	0.1	22.4	13.6	17.5	2.5	4.7	0.3	0.5	0.1	2.9	2.2	0.2	13.1	6.0	12.1	6.7
30	0.3	7.8	8.2	1.5	0.2	0.1	2.8	0.8	6.9	6.2	2.4	-1.0	-3.1	3.8	1.4	3.8	27.9	30.9	29.1	10.1	0.3	0.3	0.3	0.3
31	1.3	6.1	11.4	1.7	0.2	5.6	6.2	0.1	14.3	0.5	7.4	2.0	2.4	7.7	18.9	3.0	29.3	15.3	0.4	0.2	0.2	0.3	0.8	5.9
Média	7.0	9.5	9.3	9.3	9.5	9.0	9.2	10.1	12.2	10.9	9.3	4.6	1.7	4.7	5.4	8.5	11.3	5.5	6.5	6.6	5.5	5.5	6.8	6.3

Calor latente Dezembro 2012 – Dom Helvécio																								
Dia	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23
01	136.8	137.7	137.6	138.3	161.1	182.0	219.2	238.2	228.0	244.1	226.6	199.5	183.2	148.3	172.4	117.5	108.0	93.9	73.0	85.6	96.5	110.0	127.3	146.6
02	165.3	177.0	196.0	204.0	222.0	236.6	257.4	289.0	300.3	264.3	260.4	251.0	222.3	186.3	146.5	161.0	93.6	70.8	41.7	70.2	95.9	119.8	141.4	160.8
03	181.9	189.4	201.2	211.3	232.2	257.0	280.8	347.2	368.1	326.5	260.9	230.4	248.2	144.5	51.9	66.4	31.8	14.6	0.6	0.9	1.3	1.8	2.0	2.2
04	2.4	2.6	2.8	3.0	5.3	3.6	22.4	96.5	38.4	39.4	231.8	1.0	258.6	27.9	0.7	11.1	42.6	0.3	0.1	0.2	0.3	0.4	0.7	0.5
05	0.5	0.9	0.9	0.9	93.6	61.0	94.2	51.3	111.3	162.6	95.3	25.0	102.0	0.6	105.6	20.7	108.1	3.4	0.3	0.1	0.2	0.3	0.3	0.7
06	0.5	0.9	0.9	1.0	1.1	1.2	26.5	1.4	174.3	23.5	93.7	0.8	145.6	40.5	55.3	26.0	62.5	8.6	-3.0	0.0	2.1	0.1	0.4	0.6
07	0.5	13.1	7.6	13.7	3.9	3.3	20.4	1.3	18.8	109.7	155.8	72.7	98.0	65.7	85.1	23.2	86.6	9.9	0.3	0.1	0.1	0.2	0.3	0.4
08	1.3	0.5	0.5	0.5	0.6	13.5	0.8	0.9	102.0	119.7	0.9	0.8	177.8	1.0	52.1	10.4	3.7	4.2	0.6	0.1	0.1	0.4	0.2	3.9
09	0.3	0.4	0.4	7.1	0.5	29.5	20.7	14.0	7.5	44.0	0.8	0.7	18.9	0.5	91.9	90.2	115.5	21.5	150.5	207.5	73.4	56.6	2.2	0.5
10	0.5	12.1	0.8	10.5	2.7	0.7	7.6	0.7	2.0	1.2	1.1	8.8	1.0	4.0	42.4	4.2	32.0	0.7	0.7	4.9	17.2	37.7	42.9	17.7
11	10.3	15.8	77.7	17.8	14.7	21.5	10.5	8.7	6.5	64.0	7.1	32.5	9.8	29.7	3.4	4.4	4.4	3.5	30.8	8.2	8.8	9.1	12.2	17.4
12	11.7	20.9	17.3	25.0	17.8	31.2	17.4	15.7	0.6	39.2	10.8	6.6	23.8	109.0	2.6	11.0	36.8	26.6	48.6	50.8	24.4	36.6	41.7	49.8
13	26.0	27.5	30.8	27.2	42.5	34.4	23.8	21.2	26.3	18.0	15.9	74.0	158.1	74.9	65.4	43.6	96.3	82.2	32.1	20.0	19.8	22.5	22.9	21.9
14	21.5	20.8	21.1	47.1	21.8	19.2	15.3	15.7	48.1	56.1	15.0	95.3	4.8	96.3	97.5	14.4	9.8	8.1	15.2	12.6	12.9	16.0	15.6	17.0
15	16.6	16.1	30.8	16.4	20.2	14.5	11.4	9.2	55.1	28.0	19.5	6.3	4.7	47.6	193.7	112.0	53.8	19.3	16.1	2.3	29.1	1.4	1.5	8.3
16	1.8	0.9	0.9	0.9	1.6	1.4	6.5	2.8	37.8	80.2	0.8	42.2	135.7	15.5	23.2	168.0	194.8	10.0	40.9	1.0	0.9	11.6	0.9	3.4
17	3.4	12.0	6.8	0.9	1.5	0.8	17.3	0.4	0.4	1.3	2.4	0.4	15.6	28.0	10.6	32.6	142.0	26.4	50.6	4.0	6.3	4.0	17.2	4.3
18	5.3	5.4	5.6	5.6	7.0	4.9	4.9	14.4	0.9	3.2	0.5	2.4	0.5	0.5	0.4	0.4	18.3	5.0	13.1	47.7	39.1	0.6	0.6	0.6
19	12.1	0.5	39.9	0.5	30.7	0.5	2.2	0.8	0.5	0.5	8.1	0.5	95.6	20.5	1.4	70.2	2.4	0.5	0.6	179.8	68.0	71.8	15.8	42.8
20	20.9	5.6	0.6	1.0	7.9	0.9	0.9	1.6	14.1	2.4	31.8	1.1	3.2	116.0	0.7	203.7	0.7	51.4	3.4	2.2	1.2	8.1	0.8	2.4
21	0.8	0.8	0.8	0.8	0.8	44.9	2.3	109.1	109.9	197.8	173.1	112.0	108.5	27.9	74.7	136.6	5.0	11.4	37.3	2.5	0.8	0.9	0.9	0.9
22	0.9	0.9	0.9	0.9	0.8	0.7	0.7	0.7	0.7	0.8	0.8	165.8	16.3	22.4	108.7	145.2	38.2	2.5	1.3	3.6	65.5	22.9	3.4	36.8
23	18.7	21.9	1.2	0.7	2.2	1.2	2.4	2.5	7.4	79.7	168.7	69.3	158.5	64.9	167.1	48.3	0.9	28.6	0.9	0.9	0.9	6.7	0.9	0.9
24	0.9	52.5	0.8	121.0	82.7	4.8	3.7	48.7	67.9	12.4	162.2	161.2	204.6	0.9	0.9	0.9	27.6	26.9	14.0	0.9	0.9	0.9	0.9	0.9
25	0.9	0.8	5.0	0.8	1.3	0.8	3.6	0.8	0.8	153.1	0.8	100.6	9.1	0.8	144.1	139.2	332.5	137.2	23.7	1.1	1.0	0.8	0.9	0.9
26	0.9	0.9	0.9	0.9	0.8	0.8	0.8	0.8	0.8	72.9	21.1	35.7	182.0	33.6	17.7	69.5	87.3	5.6	0.9	0.9	0.9	0.9	0.9	0.9
27	0.9	0.9	0.9	0.9	0.9	0.9	0.9	0.8	0.8	105.2	60.3	92.4	147.0	131.2	180.0	33.3	155.9	9.9	0.9	0.9	0.9	0.9	36.7	34.3
28	0.9	70.6	6.8	0.9	12.6	0.8	3.7	2.4	33.4	1.3	33.8	95.6	26.2	225.8	32.3	86.7	246.0	52.0	135.5	0.9	0.9	0.9	165.0	0.9
29	8.6	43.8	0.9	0.9	0.8	13.7	9.5	11.7	0.8	138.4	110.9	208.8	52.7	55.5	2.4	3.5	0.8	13.3	8.8	0.8	45.2	19.3	38.3	20.6
30	0.8	24.1	26.1	4.8	0.8	0.7	23.8	9.3	112.9	173.0	159.2	239.5	163.8	232.7	30.8	46.8	206.9	165.5	123.6	38.2	0.9	0.9	0.9	0.9
31	4.0	20.8	42.7	6.9	0.9	26.9	32.1	0.8	139.3	7.9	177.0	68.3	143.5	124.8	175.6	20.0	164.4	75.0	1.6	0.9	0.9	0.8	2.6	19.1
Média	21.2	29.0	28.0	28.1	32.0	32.7	36.9	42.5	65.0	82.9	80.9	77.5	100.6	67.0	68.9	62.0	80.9	31.9	27.9	24.2	19.9	18.2	22.5	20.0