

**AÑO METEOROLÓGICO TÍPICO
PARA APLICACIONES DE ENERGÍA SOLAR
ROCHA – PLANILLA DIARIA**

Versión 2.4, junio de 2016



ESTACIÓN ROCHA

LAT: -34.49 (deg).
LON -54.31 (deg).
ALT: 18 metros s.n.m.

DATOS APORTADOS

INUMET, Uruguay.
INIA, Uruguay.
UTE, Uruguay.
LES/UdelaR, Uruguay.

HORA UTC (GMT-0)

VARIABLES METEOROLÓGICAS

GHI – Irradiación global en plano horizontal (MJ/m2).
DNI – Irradiación directa en incidencia normal (MJ/m2).
GTI20 – Irradiación global en plano inclinado a 20° (MJ/m2).
GTI35 – Irradiación global en plano inclinado a 35° (MJ/m2).
GTI45 – Irradiación global en plano inclinado a 45° (MJ/m2).
GTI60 – Irradiación global en plano inclinado a 60° (MJ/m2).
GTI90 – Irradiación global en plano inclinado a 90° (MJ/m2).
TAM – Temperatura promedio de aire ambiente (°C).
HRE – Humedad relativa promedio (%).
PAM – Presión atmosférica promedio (hPa).
VVI10 – Módulo promedio de velocidad de viento a 10 metros (m/s).
DVI10 – Dirección promedio de velocidad de viento a 10 metros (deg).
VVI12 – Módulo promedio de velocidad de viento a 12 metros (m/s).
DVI12 – Dirección promedio de velocidad de viento a 12 metros (deg).

COLUMNAS DE METADATOS

DOY – Día Juliano (día del año).
MES – Mes del año.
DIA – Día del mes.

MEMORIA TÉCNICA:

Año Meteorológico Típico para Aplicaciones de Energía Solar (AMTUs): series horarias típicas para 5 sitios del Uruguay.
R. Alonso-Suárez et al (2016). Disponible en: <http://les.edu.uy>

DOY	MES	DIA	GHI	DNI	GTI20	GTI35	GTI45	GTI60	GTI90	TAM	HRE	PAM	VVI10	DVI10	VVI12	DVI12
1	1	1	19.2	8.1	18.6	17.4	16.4	14.4	9.7	22.4	75.2	1013.7	3.0	296.2	6.4	34.1
2	1	2	24.1	16.7	23.2	21.6	20.0	17.0	9.7	22.7	83.2	1012.3	3.4	269.1	5.0	3.3
3	1	3	20.9	9.6	20.2	18.8	17.6	15.4	10.1	22.4	68.3	1011.9	5.7	290.1	3.0	242.0
4	1	4	17.1	4.5	16.6	15.8	14.9	13.4	9.5	22.3	83.3	1010.4	4.6	278.3	2.9	225.0
5	1	5	25.4	21.1	24.3	22.3	20.4	17.0	9.1	23.4	82.9	1006.9	1.5	184.8	3.0	201.1
6	1	6	28.3	31.3	26.6	23.9	21.5	17.4	8.3	25.9	74.7	1007.9	2.3	243.7	3.2	63.8
7	1	7	28.6	29.3	27.5	25.1	22.7	18.6	8.6	26.5	66.3	1008.9	2.3	216.9	2.2	183.6

diario

8	1	8	10.8	2.5	10.4	9.9	9.4	8.5	6.1	23.5	82.3	1010.2	1.4	199.2	2.8	332.2
9	1	9	22.1	15.2	21.4	19.9	18.4	15.6	8.9	22.0	84.9	1009.2	1.6	218.0	2.9	288.7
10	1	10	25.8	25.1	24.2	21.9	19.9	16.4	8.8	21.3	79.9	1010.6	2.9	261.8	2.5	238.1
11	1	11	24.0	18.9	23.0	21.2	19.6	16.7	9.6	22.6	75.5	1007.7	3.4	233.5	2.7	243.4
12	1	12	28.1	30.2	26.7	24.2	21.9	17.8	8.6	22.2	66.5	1006.1	3.3	269.2	2.5	236.1
13	1	13	30.5	36.0	29.1	26.4	23.8	19.1	8.4	20.9	69.2	1006.1	1.5	221.4	2.6	219.6
14	1	14	28.5	31.3	27.2	24.7	22.4	18.1	8.5	23.1	69.8	1007.9	2.9	318.0	2.9	231.4
15	1	15	25.6	23.8	24.5	22.4	20.5	17.0	9.0	24.4	73.0	1010.7	3.0	261.0	2.7	238.7
16	1	16	30.2	34.5	29.1	26.6	24.2	19.6	8.8	26.5	67.3	1003.1	4.7	237.5	2.7	236.2
17	1	17	25.9	22.6	25.3	23.5	21.7	18.1	9.3	21.5	68.1	1008.3	2.5	24.8	2.6	265.6
18	1	18	30.7	37.4	29.6	26.9	24.4	19.7	8.6	20.1	63.5	1013.5	2.6	225.1	3.7	283.4
19	1	19	28.3	31.1	27.2	24.8	22.6	18.6	8.9	23.0	72.3	1008.3	3.9	178.1	5.4	300.1
20	1	20	30.5	36.7	29.5	27.0	24.5	19.9	8.8	22.0	61.8	1010.3	2.9	36.8	4.8	291.3
21	1	21	30.5	37.0	29.5	27.0	24.5	19.9	8.9	19.2	64.1	1015.1	2.5	237.4	2.9	258.1
22	1	22	21.8	14.4	21.3	19.9	18.5	15.9	9.7	22.2	76.1	1015.2	3.1	229.2	3.1	229.9
23	1	23	30.2	36.2	29.4	27.0	24.6	20.1	9.1	23.4	75.6	1016.0	1.6	228.8	2.9	211.2
24	1	24	26.4	25.7	25.9	24.1	22.3	18.6	9.5	23.9	77.5	1014.2	2.3	237.6	2.8	168.0
25	1	25	28.9	31.3	28.6	26.5	24.3	20.1	9.4	25.0	74.0	1010.6	3.3	238.9	5.9	26.6
26	1	26	10.7	1.5	10.5	9.9	9.5	8.6	6.4	25.2	83.9	1006.4	2.0	197.6	4.4	59.5
27	1	27	20.8	16.8	19.9	18.4	17.1	14.7	9.1	24.8	78.2	1004.6	2.3	107.8	3.4	132.3
28	1	28	29.8	36.0	29.2	27.0	24.8	20.4	9.5	23.9	73.5	1008.3	1.9	163.3	3.2	154.7
29	1	29	29.7	36.1	29.2	27.0	24.8	20.5	9.6	23.3	63.4	1015.1	1.7	320.8	3.1	208.8
30	1	30	29.0	34.7	28.5	26.4	24.3	20.1	9.6	21.7	68.4	1015.2	2.6	227.6	2.7	243.6
31	1	31	17.6	11.2	17.3	16.3	15.3	13.4	8.4	24.3	71.4	1007.6	3.8	255.2	2.3	276.1
32	2	1	25.2	23.6	25.1	23.6	22.0	18.8	10.3	27.1	74.1	1006.1	2.2	234.2	2.6	254.0
33	2	2	16.3	7.2	16.0	15.2	14.4	12.8	8.7	23.0	81.0	1008.0	3.9	336.7	4.9	343.2
34	2	3	25.9	27.0	25.7	24.0	22.3	18.9	10.2	18.9	60.1	1016.0	3.5	21.0	6.4	334.9
35	2	4	29.1	36.1	29.0	27.1	25.1	21.0	10.3	16.8	69.2	1015.3	1.2	232.9	2.8	276.8
36	2	5	29.0	36.1	29.0	27.1	25.1	21.1	10.4	19.7	71.5	1015.7	1.8	224.9	2.7	226.5
37	2	6	28.9	36.1	28.9	27.1	25.2	21.1	10.5	19.9	72.8	1018.2	2.2	222.9	3.0	228.0
38	2	7	26.8	31.6	26.7	25.1	23.3	19.7	10.3	20.7	76.3	1017.6	2.3	264.0	2.9	239.3
39	2	8	28.6	35.9	28.8	27.1	25.2	21.3	10.8	21.1	75.2	1015.4	1.8	229.6	3.0	227.9
40	2	9	23.8	25.3	23.5	22.0	20.5	17.6	10.0	22.6	81.6	1013.5	3.0	226.3	2.9	230.7
41	2	10	13.0	3.1	12.7	12.1	11.5	10.5	7.8	23.6	86.4	1010.5	3.1	256.1	3.0	233.7

diario

42	2	11	16.7	10.9	16.6	15.8	14.9	13.2	8.5	23.9	85.8	1006.5	1.1	227.7	1.8	238.6
43	2	12	25.9	29.0	26.3	25.0	23.4	20.2	11.2	25.2	74.9	1003.5	1.1	201.4	2.7	105.5
44	2	13	23.5	22.4	23.8	22.7	21.4	18.7	11.1	25.7	68.7	1006.1	1.4	133.4	2.4	92.4
45	2	14	16.7	8.5	16.5	15.8	15.0	13.4	9.2	24.2	66.8	1010.3	0.6	193.4	2.4	263.3
46	2	15	26.6	30.3	27.4	26.4	24.9	21.5	11.9	23.2	80.0	1011.3	1.9	222.9	2.8	253.9
47	2	16	21.2	18.6	21.7	20.9	19.8	17.4	10.5	24.5	84.6	1008.2	3.2	236.5	2.6	227.0
48	2	17	19.0	14.2	19.4	18.7	17.8	15.8	10.0	25.6	81.5	1004.3	3.1	188.3	3.2	143.0
49	2	18	19.4	14.3	19.9	19.2	18.3	16.3	10.4	20.6	62.1	1014.1	4.8	13.2	7.1	337.2
50	2	19	9.2	2.4	8.9	8.4	8.0	7.3	5.5	18.5	73.9	1018.2	1.0	222.4	4.8	290.9
51	2	20	7.8	0.6	7.6	7.2	6.9	6.3	4.8	18.8	90.8	1016.3	1.1	221.3	5.1	270.0
52	2	21	8.9	2.9	8.6	8.1	7.7	7.0	5.2	18.7	93.8	1011.8	1.6	284.3	4.7	290.7
53	2	22	26.6	34.3	27.9	27.1	25.7	22.5	12.7	18.5	79.5	1018.6	1.4	214.2	2.8	259.2
54	2	23	23.5	24.5	24.6	23.9	22.8	20.2	12.2	20.4	76.5	1015.8	3.2	219.9	2.7	208.4
55	2	24	7.7	0.9	7.4	7.1	6.7	6.2	4.7	21.8	82.9	1007.3	4.1	196.5	3.4	171.8
56	2	25	18.6	15.5	18.8	18.1	17.2	15.4	10.3	20.0	74.3	1007.1	2.5	62.0	4.1	72.7
57	2	26	19.4	15.5	20.0	19.4	18.6	16.7	11.1	16.7	64.1	1010.7	3.8	97.7	5.2	54.1
58	2	27	24.3	29.9	25.7	25.1	24.0	21.3	12.8	17.9	69.0	1014.2	2.0	19.1	3.7	37.3
59	2	28	25.2	31.3	27.0	26.6	25.5	22.7	13.6	16.1	77.0	1016.2	0.8	216.8	2.0	326.0
60	3	1	23.3	26.7	24.8	24.4	23.5	21.0	12.9	20.8	75.0	1013.6	0.3	194.7	3.2	328.6
61	3	2	23.4	25.9	25.1	24.9	24.0	21.5	13.3	20.0	75.7	1018.4	2.2	208.1	3.0	0.8
62	3	3	12.5	4.1	12.5	12.0	11.5	10.5	7.7	20.1	77.5	1017.3	2.2	250.7	2.7	192.4
63	3	4	14.9	8.9	15.3	15.0	14.4	13.1	9.2	20.0	86.6	1005.9	4.1	15.1	2.5	194.3
64	3	5	21.3	21.7	22.8	22.6	21.9	19.8	12.9	19.8	76.4	1011.0	3.0	43.0	2.6	206.5
65	3	6	22.0	25.4	23.7	23.6	22.8	20.6	13.3	18.6	80.9	1011.0	0.9	187.8	3.6	328.3
66	3	7	24.4	31.9	26.8	26.8	25.9	23.5	14.7	19.8	77.7	1008.5	0.7	189.6	2.1	270.1
67	3	8	14.4	9.6	15.1	14.9	14.4	13.2	9.2	22.5	78.1	1005.4	0.3	184.0	3.6	335.8
68	3	9	23.0	27.9	25.4	25.5	24.8	22.6	14.6	25.0	82.1	1009.9	2.0	297.9	3.6	263.7
69	3	10	21.7	25.3	23.8	23.9	23.2	21.2	14.0	18.3	64.5	1015.1	1.0	144.9	4.3	126.4
70	3	11	17.7	16.6	18.9	18.7	18.2	16.6	11.5	15.6	76.0	1017.2	0.0	180.0	3.3	304.5
71	3	12	11.2	1.9	11.2	10.9	10.5	9.6	7.3	20.3	80.6	1014.9	1.2	207.5	3.3	233.7
72	3	13	21.1	23.5	23.4	23.7	23.2	21.3	14.3	23.8	79.8	1010.6	1.3	206.7	2.4	61.9
73	3	14	9.8	4.1	10.0	9.7	9.4	8.7	6.5	22.9	86.1	1011.8	1.7	226.1	3.5	35.9
74	3	15	15.9	10.4	16.9	16.8	16.4	15.2	11.0	22.6	85.0	1011.2	1.6	205.9	5.0	5.2
75	3	16	5.3	0.5	5.2	5.0	4.7	4.4	3.3	22.2	90.8	1010.0	0.3	181.2	2.4	304.1

diario																
76	3	17	4.5	1.1	4.5	4.3	4.1	3.8	2.9	21.3	94.2	1009.7	0.3	195.3	2.7	223.1
77	3	18	20.3	23.1	22.8	23.2	22.9	21.3	14.8	20.2	80.4	1015.6	1.2	257.5	2.6	212.8
78	3	19	17.1	16.5	18.7	18.8	18.5	17.2	12.3	18.2	83.7	1014.2	1.4	208.4	3.4	194.7
79	3	20	19.5	22.7	22.0	22.6	22.3	20.8	14.7	19.8	84.4	1013.2	0.5	180.3	3.0	295.2
80	3	21	21.1	27.2	24.3	25.1	24.8	23.2	16.2	18.0	75.8	1019.7	0.8	211.6	2.5	320.3
81	3	22	16.2	12.6	17.7	17.9	17.6	16.5	12.2	19.3	83.0	1018.5	2.0	213.5	4.3	52.1
82	3	23	1.5	0.1	1.5	1.4	1.3	1.2	0.9	21.1	94.6	1011.8	1.5	228.2	5.7	338.5
83	3	24	15.4	12.0	16.8	17.1	16.8	15.8	11.7	22.4	87.4	1007.5	1.9	55.3	2.2	24.4
84	3	25	20.4	27.6	23.7	24.7	24.6	23.2	16.6	18.1	71.5	1017.5	4.8	33.0	2.3	165.8
85	3	26	21.0	29.7	24.6	25.8	25.7	24.3	17.4	14.2	73.3	1022.5	0.8	201.8	3.1	25.0
86	3	27	8.2	8.5	9.0	9.1	9.0	8.5	6.3	15.4	83.0	1019.2	0.6	185.5	5.8	61.8
87	3	28	11.8	7.4	12.4	12.3	12.1	11.3	8.7	16.7	78.0	1016.3	1.2	62.6	5.7	84.4
88	3	29	17.6	20.7	20.3	21.2	21.1	20.1	15.0	14.4	77.3	1015.1	1.5	156.7	4.4	89.1
89	3	30	20.2	29.2	24.1	25.5	25.6	24.4	17.9	15.3	74.2	1014.7	0.5	173.1	2.0	272.0
90	3	31	18.1	22.7	21.3	22.4	22.4	21.5	16.0	17.7	69.8	1018.5	0.7	187.4	2.1	217.9
91	4	1	8.7	1.7	8.7	8.4	8.1	7.6	5.9	21.3	86.0	1017.6	3.2	252.9	4.3	264.5
92	4	2	6.9	0.8	6.8	6.6	6.3	5.8	4.5	20.2	83.8	1016.7	5.5	270.0	4.9	252.6
93	4	3	6.5	0.8	6.4	6.2	6.0	5.5	4.2	20.4	92.2	1014.3	5.2	265.6	4.0	250.3
94	4	4	9.2	2.9	9.5	9.3	9.1	8.5	6.6	20.2	92.1	1009.2	1.0	224.4	1.9	322.9
95	4	5	15.4	17.3	17.9	18.8	18.9	18.2	14.0	18.9	80.2	1000.2	4.8	76.9	4.9	72.7
96	4	6	15.3	17.4	18.1	19.1	19.1	18.4	14.1	17.7	72.8	1005.9	1.6	167.5	4.6	85.9
97	4	7	15.3	19.4	18.1	19.2	19.3	18.7	14.6	14.8	71.0	1014.5	1.1	165.1	3.3	50.5
98	4	8	18.6	28.5	23.1	24.9	25.2	24.6	18.9	14.1	76.6	1018.0	0.6	195.7	2.1	92.5
99	4	9	18.5	28.6	23.0	24.8	25.2	24.6	19.0	14.1	78.2	1019.9	0.7	202.4	1.8	288.1
100	4	10	15.1	18.2	18.0	19.1	19.4	18.8	14.8	14.5	80.4	1018.1	2.3	211.6	2.2	237.4
101	4	11	2.6	1.0	2.6	2.5	2.4	2.3	1.8	18.8	89.7	1011.1	3.2	238.5	3.1	236.6
102	4	12	13.8	16.3	16.5	17.5	17.7	17.2	13.5	18.3	80.1	1007.0	5.0	107.7	4.0	76.2
103	4	13	17.0	25.8	21.3	23.2	23.7	23.2	18.3	12.1	61.8	1014.4	3.5	78.4	5.3	72.8
104	4	14	16.6	23.5	20.6	22.4	22.8	22.4	17.6	14.7	57.2	1012.2	1.4	147.6	4.8	117.2
105	4	15	16.3	22.5	20.3	22.0	22.5	22.0	17.4	16.6	66.1	1010.4	3.7	102.2	5.2	66.2
106	4	16	14.4	16.9	17.6	18.9	19.2	18.9	15.1	15.0	76.0	1015.5	4.7	38.5	5.0	15.1
107	4	17	15.9	23.8	20.1	21.9	22.5	22.2	17.8	13.1	82.8	1018.1	0.2	181.5	2.0	38.9
108	4	18	16.5	25.5	21.2	23.3	23.9	23.6	18.9	15.5	77.5	1015.9	0.8	160.0	2.8	106.1
109	4	19	16.7	26.8	21.6	23.8	24.5	24.3	19.5	16.6	77.0	1017.2	0.0	180.0	2.3	89.8

diario																
110	4	20	16.6	27.0	21.5	23.8	24.5	24.4	19.7	15.7	78.0	1019.6	0.6	205.6	1.7	43.2
111	4	21	16.4	26.7	21.3	23.6	24.4	24.3	19.7	15.5	80.8	1021.2	1.1	214.4	1.7	234.3
112	4	22	14.5	20.9	18.4	20.3	20.8	20.7	16.9	18.7	84.0	1022.0	2.3	217.9	2.0	211.8
113	4	23	15.5	24.5	20.2	22.4	23.1	23.1	18.9	19.2	81.4	1021.4	2.9	204.5	1.9	228.9
114	4	24	11.0	8.8	12.9	13.6	13.8	13.5	11.0	17.7	86.3	1019.8	1.1	201.6	1.7	219.6
115	4	25	13.7	18.4	17.4	19.2	19.7	19.7	16.2	18.4	82.9	1016.8	1.0	196.2	1.8	176.1
116	4	26	15.5	26.2	20.7	23.1	24.0	24.1	19.9	17.3	81.6	1015.3	1.0	179.8	2.4	96.0
117	4	27	11.7	13.1	14.4	15.6	15.9	15.8	13.2	19.5	86.6	1016.5	2.3	210.8	2.5	235.7
118	4	28	3.4	0.4	3.4	3.3	3.2	2.9	2.3	18.5	92.7	1011.8	3.5	225.3	2.6	206.7
119	4	29	9.7	11.3	11.9	12.9	13.2	13.1	10.8	18.1	83.1	1008.8	2.7	125.4	4.1	102.5
120	4	30	6.9	1.6	7.1	7.0	6.9	6.5	5.2	16.4	86.6	1013.7	1.3	87.1	3.3	11.4
121	5	1	4.8	0.7	4.8	4.6	4.5	4.2	3.3	17.1	92.3	1004.1	2.1	92.7	2.8	35.6
122	5	2	14.7	25.7	20.0	22.6	23.6	23.8	20.1	15.6	80.8	1012.8	1.0	155.4	2.4	95.4
123	5	3	9.7	9.7	11.7	12.6	12.8	12.7	10.7	15.0	84.1	1015.3	1.2	187.0	1.2	175.5
124	5	4	9.4	7.4	11.0	11.7	11.8	11.6	9.7	17.0	90.7	1013.3	0.8	197.9	1.6	86.6
125	5	5	11.8	15.5	15.3	16.9	17.5	17.5	14.8	17.2	89.5	1016.1	0.8	202.3	2.0	295.3
126	5	6	11.9	16.6	15.7	17.5	18.1	18.1	15.4	18.2	89.3	1015.5	0.8	212.5	1.9	273.1
127	5	7	8.7	8.1	10.4	11.1	11.2	11.0	9.4	15.5	91.6	1017.5	1.0	137.1	1.0	7.4
128	5	8	5.7	3.5	6.4	6.7	6.6	6.4	5.3	14.8	90.6	1015.7	1.3	134.2	2.9	65.9
129	5	9	11.5	16.5	15.2	17.0	17.6	17.7	15.2	15.0	82.9	1019.0	1.3	221.1	5.1	307.0
130	5	10	10.4	13.9	13.5	14.9	15.4	15.5	13.4	12.4	84.0	1022.5	1.7	213.2	1.8	246.2
131	5	11	10.7	13.2	13.8	15.3	15.8	15.8	13.6	14.9	83.0	1020.4	2.3	203.9	1.7	206.9
132	5	12	2.7	0.2	2.7	2.6	2.5	2.3	1.8	16.0	93.4	1015.3	0.3	183.7	1.1	251.3
133	5	13	5.3	1.9	5.6	5.6	5.5	5.2	4.3	16.6	89.6	1013.9	1.0	121.1	1.4	90.6
134	5	14	13.1	24.4	18.6	21.3	22.4	22.9	19.8	13.8	86.5	1016.0	1.2	189.1	1.3	148.8
135	5	15	8.0	6.9	9.7	10.5	10.7	10.6	9.0	15.1	88.9	1014.6	3.2	79.5	3.2	112.6
136	5	16	12.9	24.5	18.4	21.2	22.3	22.8	19.9	11.8	78.3	1017.3	1.1	67.5	2.4	336.9
137	5	17	9.7	13.3	12.8	14.2	14.7	14.9	13.0	11.9	76.2	1015.0	2.8	152.8	2.8	110.4
138	5	18	9.4	11.6	12.1	13.4	13.8	13.9	12.1	11.6	71.1	1016.1	2.0	94.8	3.1	90.2
139	5	19	8.6	8.8	10.7	11.5	11.8	11.7	10.1	12.3	81.4	1018.6	0.8	173.0	2.1	90.8
140	5	20	7.1	4.2	8.2	8.5	8.6	8.4	7.0	9.9	88.4	1018.1	0.0	180.0	1.7	342.5
141	5	21	3.1	1.3	3.3	3.3	3.2	3.0	2.5	12.8	90.9	1010.7	1.1	227.8	2.1	247.9
142	5	22	7.4	5.4	8.7	9.2	9.3	9.1	7.7	14.3	87.8	1006.3	4.2	103.6	5.8	31.3
143	5	23	7.8	7.0	9.5	10.1	10.3	10.3	8.9	11.1	68.8	1020.8	5.4	57.2	5.6	37.3

diario																
144	5	24	10.4	17.3	14.6	16.6	17.5	17.9	15.9	9.6	75.8	1019.7	2.2	108.4	3.8	94.6
145	5	25	11.9	23.6	17.6	20.4	21.6	22.3	19.7	9.1	79.5	1017.3	0.7	166.2	2.5	119.0
146	5	26	9.8	14.7	13.5	15.2	15.9	16.3	14.4	9.2	88.0	1016.9	0.4	187.8	2.5	93.6
147	5	27	11.6	22.7	17.1	19.9	21.1	21.7	19.3	9.0	88.9	1021.2	0.6	193.0	1.8	39.4
148	5	28	11.4	21.5	16.7	19.3	20.5	21.1	18.7	8.1	87.5	1021.8	0.8	197.0	1.5	167.9
149	5	29	11.4	21.9	16.8	19.5	20.6	21.3	18.9	12.4	86.1	1018.9	4.1	228.2	2.8	209.1
150	5	30	7.7	9.1	10.0	11.2	11.6	11.7	10.3	14.8	85.0	1016.4	1.9	215.7	1.9	207.2
151	5	31	4.0	1.8	4.3	4.2	4.0	3.8	3.1	14.4	93.0	1012.3	0.4	190.6	1.6	294.4
152	6	1	11.0	20.8	16.2	18.9	20.0	20.7	18.4	7.7	81.1	1012.8	0.5	208.2	2.7	99.6
153	6	2	9.8	16.3	13.8	15.9	16.7	17.1	15.3	10.1	85.9	1025.2	1.6	218.7	4.3	147.8
154	6	3	9.0	13.3	12.4	14.1	14.7	15.0	13.3	12.6	88.4	1022.9	1.2	218.6	6.9	69.2
155	6	4	5.9	4.2	6.9	7.3	7.4	7.3	6.2	13.5	90.5	1019.1	1.8	136.6	2.6	73.6
156	6	5	10.8	20.2	15.9	18.6	19.8	20.4	18.2	11.6	78.2	1017.6	2.0	100.6	3.2	113.1
157	6	6	10.8	20.1	15.8	18.6	19.7	20.3	18.2	13.7	65.7	1015.0	1.8	158.4	4.3	108.6
158	6	7	10.4	19.0	15.2	17.6	18.7	19.2	17.2	12.6	65.1	1019.1	2.3	66.7	5.1	76.8
159	6	8	7.2	7.3	9.0	9.8	10.1	10.1	8.9	8.3	78.3	1027.1	1.2	141.8	4.0	97.4
160	6	9	9.2	15.1	13.1	15.1	15.9	16.2	14.7	8.6	74.8	1029.4	1.2	194.6	2.0	138.0
161	6	10	8.3	12.4	11.4	12.9	13.5	13.7	12.4	8.7	81.5	1030.1	0.6	200.5	1.2	151.7
162	6	11	9.1	15.2	13.0	14.9	15.7	16.1	14.6	9.2	80.7	1029.5	2.6	218.0	1.6	235.3
163	6	12	4.0	2.4	4.6	4.7	4.7	4.6	3.9	14.5	75.0	1025.4	5.4	246.7	2.4	203.1
164	6	13	6.1	4.9	7.3	7.7	7.8	7.7	6.7	15.0	84.3	1018.7	2.9	224.3	2.0	206.8
165	6	14	4.5	1.5	4.8	4.9	4.8	4.6	3.8	15.5	84.6	1012.0	2.6	225.8	1.9	68.3
166	6	15	10.4	19.7	15.5	18.2	19.3	20.0	18.0	14.8	84.2	1011.7	1.9	130.5	3.6	297.3
167	6	16	4.8	4.7	6.0	6.5	6.7	6.7	5.8	9.6	92.3	1015.7	0.5	200.4	6.7	349.6
168	6	17	10.3	19.6	15.4	18.1	19.3	19.9	17.9	11.3	81.0	1015.8	1.2	17.7	1.9	287.8
169	6	18	4.9	4.4	6.0	6.5	6.6	6.5	5.7	8.7	89.4	1013.6	2.5	221.2	2.6	350.5
170	6	19	6.0	5.2	7.3	7.8	8.0	7.9	6.8	13.5	83.8	1004.3	3.8	95.1	3.4	100.6
171	6	20	10.3	19.8	15.4	18.2	19.3	20.0	18.0	10.4	61.0	1009.3	3.4	116.0	3.1	130.9
172	6	21	10.2	19.1	15.1	17.8	18.9	19.5	17.6	8.1	64.4	1014.2	3.0	85.3	1.3	175.5
173	6	22	5.5	3.7	6.4	6.8	6.9	6.8	5.8	7.5	71.3	1017.4	0.2	179.6	3.4	120.6
174	6	23	10.2	19.2	15.2	17.9	19.0	19.7	17.7	13.3	51.9	1012.6	3.0	196.2	4.2	104.1
175	6	24	6.7	10.2	9.2	10.5	11.0	11.2	10.0	14.2	73.8	1008.7	4.3	119.2	4.4	111.7
176	6	25	10.2	18.9	15.1	17.8	18.8	19.5	17.5	9.6	71.9	1022.7	0.5	177.0	3.3	330.0
177	6	26	6.3	6.3	8.0	8.8	9.1	9.1	8.0	7.8	86.4	1023.3	2.4	228.2	1.8	166.2

diario																
178	6	27	2.4	0.3	2.4	2.3	2.2	2.0	1.6	14.6	94.8	1012.1	2.8	191.3	2.1	176.1
179	6	28	10.3	19.2	15.2	17.9	19.0	19.7	17.7	11.4	76.3	1020.5	2.0	77.6	3.1	148.2
180	6	29	10.3	19.3	15.3	18.0	19.0	19.7	17.7	9.9	67.9	1019.2	1.7	169.0	2.3	269.9
181	6	30	4.0	0.6	4.1	4.0	3.9	3.6	2.9	13.0	73.7	1018.5	1.3	178.7	1.8	267.7
182	7	1	10.7	22.0	16.3	19.2	20.3	21.1	19.1	7.9	74.6	1021.7	0.9	166.7	2.1	84.8
183	7	2	10.4	20.3	15.5	18.2	19.3	19.9	18.0	9.5	72.7	1019.1	1.9	186.1	2.4	172.1
184	7	3	10.8	22.2	16.4	19.3	20.5	21.2	19.1	13.9	68.2	1015.8	4.0	225.8	2.3	194.7
185	7	4	1.9	1.6	2.2	2.3	2.3	2.2	1.9	12.4	93.4	1015.6	1.3	212.7	1.5	221.7
186	7	5	3.4	0.9	3.5	3.5	3.4	3.2	2.6	16.1	97.0	1013.1	0.2	187.4	1.3	217.5
187	7	6	4.4	1.7	4.8	4.8	4.7	4.5	3.7	16.7	92.9	1009.6	2.8	135.4	3.0	101.1
188	7	7	7.2	6.8	9.0	9.7	10.0	10.0	8.7	9.8	86.3	1019.2	3.9	52.3	4.7	24.5
189	7	8	10.5	20.2	15.6	18.2	19.3	20.0	17.9	6.9	80.4	1028.7	1.2	195.3	3.4	328.4
190	7	9	10.1	17.1	14.4	16.8	17.7	18.2	16.2	7.1	84.3	1024.7	2.3	224.0	1.7	229.3
191	7	10	3.8	0.5	3.9	3.8	3.7	3.4	2.7	14.6	92.0	1017.9	2.3	212.1	2.0	144.3
192	7	11	7.2	6.3	8.8	9.5	9.7	9.6	8.4	17.5	88.8	1014.4	3.0	169.8	2.7	145.8
193	7	12	3.0	0.8	3.1	3.0	2.9	2.7	2.2	12.3	93.6	1017.7	2.9	37.9	2.4	359.9
194	7	13	3.2	0.6	3.2	3.2	3.1	2.9	2.3	9.9	91.9	1016.9	0.2	188.8	1.1	170.6
195	7	14	5.1	4.3	6.0	6.2	6.2	6.1	5.3	10.4	83.9	1014.5	2.1	99.3	3.4	76.0
196	7	15	11.5	22.9	17.0	19.9	21.1	21.8	19.4	7.5	75.7	1018.8	1.2	120.5	3.2	96.9
197	7	16	11.5	22.9	17.1	20.0	21.2	21.8	19.4	12.6	62.0	1012.8	2.6	142.1	4.6	121.7
198	7	17	11.6	22.5	17.0	19.9	21.0	21.7	19.3	16.2	72.5	1008.1	2.1	149.9	3.8	122.1
199	7	18	5.0	4.1	6.0	6.3	6.4	6.3	5.4	10.5	73.5	1009.5	2.2	196.1	6.7	17.2
200	7	19	10.3	16.5	14.3	16.3	17.1	17.5	15.4	6.8	65.6	1019.6	3.7	56.8	4.0	45.4
201	7	20	4.5	2.0	4.9	4.9	4.8	4.6	3.8	4.4	79.2	1011.8	1.5	176.2	1.2	150.1
202	7	21	9.2	12.2	12.1	13.6	14.2	14.4	12.6	6.1	67.8	1010.1	2.2	137.2	5.9	115.1
203	7	22	6.8	5.0	7.9	8.4	8.5	8.4	7.2	6.1	69.8	1013.6	4.8	110.3	7.9	107.7
204	7	23	6.9	7.5	8.5	9.2	9.4	9.4	8.2	6.9	75.9	1018.5	3.8	91.8	4.8	67.6
205	7	24	9.2	10.8	11.9	13.1	13.6	13.7	11.9	5.6	74.0	1023.5	0.7	165.1	2.9	98.2
206	7	25	12.3	23.5	17.8	20.6	21.8	22.4	19.6	5.9	72.9	1026.9	1.1	180.7	1.8	151.7
207	7	26	11.1	18.1	15.4	17.6	18.4	18.8	16.3	8.6	72.5	1028.0	3.3	216.9	2.0	201.0
208	7	27	11.2	18.1	15.5	17.6	18.4	18.7	16.2	11.5	78.3	1022.9	1.0	182.5	2.5	145.0
209	7	28	12.0	20.6	16.8	19.3	20.2	20.6	17.9	8.4	88.6	1020.7	0.9	204.1	2.3	56.3
210	7	29	12.7	23.7	18.1	20.9	22.0	22.5	19.6	10.1	85.3	1022.2	1.1	213.8	1.4	226.6
211	7	30	8.2	9.7	10.3	11.3	11.6	11.6	10.0	9.1	83.1	1021.2	1.1	211.5	1.3	228.7

diario																
212	7	31	8.5	8.7	10.4	11.3	11.5	11.5	9.9	14.8	81.9	1013.5	2.6	192.3	2.0	192.5
213	8	1	6.5	3.7	7.4	7.6	7.7	7.4	6.2	8.5	80.3	1022.7	3.8	48.9	3.0	212.8
214	8	2	9.4	10.0	11.8	13.0	13.3	13.3	11.2	15.7	84.8	1017.9	4.1	237.2	1.8	268.5
215	8	3	5.0	1.9	5.3	5.3	5.2	4.9	4.0	15.3	80.9	1014.0	2.2	209.1	3.0	256.6
216	8	4	4.6	0.8	4.6	4.5	4.4	4.1	3.2	19.1	82.0	1012.4	1.6	202.0	3.6	4.3
217	8	5	4.3	2.0	4.8	4.9	4.9	4.7	3.8	16.0	91.3	1011.2	2.7	152.5	2.7	59.3
218	8	6	6.4	2.0	6.8	6.8	6.7	6.3	5.1	9.8	79.8	1024.2	5.2	42.4	1.8	178.5
219	8	7	8.8	7.0	10.3	10.9	11.0	10.8	9.1	7.8	71.5	1030.2	3.0	46.9	3.3	229.2
220	8	8	12.9	19.9	17.3	19.5	20.2	20.4	17.2	8.3	82.0	1030.9	1.2	77.7	2.3	205.2
221	8	9	13.5	21.8	18.3	20.6	21.4	21.6	18.1	7.5	82.5	1029.2	1.7	182.4	2.7	115.2
222	8	10	13.6	21.7	18.3	20.6	21.4	21.5	18.0	10.9	82.1	1027.0	1.2	22.5	1.6	158.7
223	8	11	12.6	16.7	16.3	18.1	18.7	18.7	15.5	9.5	88.4	1027.4	1.6	211.8	2.5	218.0
224	8	12	13.4	19.6	17.7	19.8	20.5	20.6	17.1	14.0	79.5	1024.6	4.0	216.9	3.1	18.3
225	8	13	12.7	16.2	16.3	18.0	18.5	18.5	15.2	15.9	82.8	1020.5	2.2	218.0	1.8	97.1
226	8	14	12.5	15.9	16.1	17.7	18.3	18.2	15.1	16.8	73.0	1016.1	3.9	208.2	3.0	219.6
227	8	15	14.0	21.1	18.5	20.6	21.3	21.3	17.6	18.6	67.8	1013.7	3.7	200.1	3.3	173.0
228	8	16	3.2	0.2	3.2	3.1	2.9	2.7	2.1	17.4	87.9	1014.3	2.8	208.3	1.4	275.1
229	8	17	2.5	0.2	2.5	2.4	2.3	2.1	1.6	16.7	94.9	1013.9	0.7	179.6	1.8	224.1
230	8	18	3.2	0.2	3.1	3.0	2.9	2.7	2.1	14.1	93.7	1018.8	1.2	202.0	3.9	190.2
231	8	19	5.0	0.6	5.0	4.9	4.7	4.4	3.4	12.5	86.6	1023.3	1.1	233.8	2.8	94.8
232	8	20	5.0	0.5	4.9	4.8	4.6	4.2	3.3	14.2	90.3	1013.5	2.9	214.2	2.8	250.1
233	8	21	7.2	3.3	7.8	7.9	7.8	7.5	6.0	10.9	83.6	1011.1	4.8	116.4	5.1	113.4
234	8	22	8.9	4.9	9.8	10.1	10.1	9.7	7.8	9.9	82.9	1019.0	3.4	70.5	2.0	195.9
235	8	23	8.4	4.6	9.2	9.5	9.4	9.0	7.2	9.3	72.3	1019.3	2.3	105.9	3.7	186.5
236	8	24	16.4	26.7	21.3	23.6	24.3	24.1	19.5	13.2	61.3	1014.1	2.8	141.3	4.0	115.1
237	8	25	15.7	23.1	20.1	22.0	22.6	22.3	17.9	10.8	77.2	1015.8	2.0	157.6	5.6	27.1
238	8	26	12.2	12.7	14.6	15.7	15.9	15.5	12.3	10.3	70.5	1015.2	0.8	203.4	5.1	350.1
239	8	27	12.8	12.9	15.2	16.2	16.4	16.1	12.9	11.5	72.5	1016.2	2.5	172.1	5.3	332.1
240	8	28	15.9	23.3	20.0	21.8	22.3	21.9	17.5	13.6	73.0	1014.4	1.3	134.8	3.9	295.9
241	8	29	14.5	16.7	17.7	19.0	19.3	18.9	14.9	16.9	61.0	1010.9	4.6	124.6	2.3	238.3
242	8	30	17.4	27.6	22.1	24.1	24.7	24.3	19.2	10.8	74.4	1015.8	3.0	55.6	2.4	201.4
243	8	31	13.2	14.1	15.5	16.4	16.6	16.2	12.8	9.3	81.9	1020.0	0.6	212.6	2.1	24.3
244	9	1	17.7	27.5	22.3	24.2	24.7	24.3	19.0	14.5	78.0	1016.9	4.5	208.0	1.9	173.6
245	9	2	17.8	27.6	22.4	24.3	24.8	24.3	18.9	14.9	78.0	1017.4	3.6	127.7	4.4	83.3

diario

246	9	3	18.1	28.4	22.7	24.6	25.1	24.5	19.0	11.7	72.7	1027.9	3.5	243.6	5.5	281.0
247	9	4	11.7	9.3	13.3	13.8	13.7	13.2	10.3	15.0	73.8	1021.2	5.4	232.5	3.5	217.3
248	9	5	5.2	1.2	5.1	4.9	4.8	4.4	3.4	13.2	93.6	1019.6	2.4	37.7	3.2	328.3
249	9	6	8.3	1.4	8.3	8.0	7.8	7.2	5.6	13.8	88.2	1019.7	1.8	283.8	2.8	288.1
250	9	7	8.0	3.1	8.3	8.2	8.0	7.5	5.9	18.3	85.8	1009.9	4.7	234.1	3.6	229.9
251	9	8	4.7	1.3	4.6	4.4	4.3	4.0	3.1	15.9	89.5	1011.5	3.9	75.1	4.0	58.9
252	9	9	17.8	23.6	21.4	22.8	23.0	22.1	16.7	11.5	81.6	1023.0	1.5	44.9	4.3	322.0
253	9	10	14.5	14.6	16.5	17.2	17.2	16.5	12.6	10.8	80.5	1023.4	2.4	211.7	4.0	278.9
254	9	11	17.2	21.9	20.3	21.5	21.6	20.7	15.7	12.2	80.3	1019.0	0.4	189.5	1.8	231.7
255	9	12	16.7	19.2	19.4	20.4	20.4	19.6	14.8	14.1	82.3	1017.1	1.2	119.3	2.7	102.4
256	9	13	19.0	26.2	22.6	23.9	24.0	23.0	17.1	15.2	76.3	1019.3	1.3	223.0	1.8	208.8
257	9	14	19.7	27.7	23.5	24.8	24.8	23.7	17.5	15.9	74.3	1016.7	4.0	228.5	2.8	200.1
258	9	15	13.6	12.2	15.4	15.9	15.8	15.0	11.2	19.1	88.6	1009.6	1.5	193.1	1.7	223.9
259	9	16	9.6	6.8	10.3	10.4	10.2	9.5	7.2	17.5	94.0	1011.3	2.7	302.5	3.9	275.3
260	9	17	5.6	1.3	5.5	5.3	5.1	4.7	3.6	16.1	94.6	1009.2	1.9	309.2	5.3	291.5
261	9	18	1.6	0.1	1.6	1.5	1.5	1.3	1.0	14.6	93.2	1009.2	4.3	317.0	7.6	306.9
262	9	19	7.2	1.0	7.1	6.8	6.6	6.1	4.7	13.8	94.0	994.1	5.6	319.4	10.1	317.2
263	9	20	18.4	22.3	21.1	21.8	21.6	20.4	14.6	13.0	68.2	1004.8	4.6	107.0	5.6	82.5
264	9	21	20.0	27.5	23.1	24.0	23.8	22.4	16.0	12.6	63.0	1010.5	3.3	117.6	4.7	91.0
265	9	22	21.6	31.3	25.1	26.1	25.9	24.3	17.1	10.3	66.5	1017.0	3.0	101.7	3.8	44.0
266	9	23	20.6	26.4	23.8	24.6	24.3	22.8	16.0	11.0	69.9	1019.6	1.4	194.2	2.3	189.9
267	9	24	7.1	3.4	7.4	7.2	7.0	6.5	4.9	12.5	75.3	1014.5	3.9	12.7	4.5	11.0
268	9	25	16.3	13.8	17.7	17.9	17.6	16.4	11.9	8.1	72.1	1022.5	4.6	46.8	7.0	12.2
269	9	26	19.1	22.6	21.3	21.7	21.3	19.9	14.0	8.6	70.7	1030.8	5.0	34.7	5.2	358.1
270	9	27	21.4	29.0	24.3	24.9	24.5	22.7	15.6	9.3	80.6	1030.4	2.3	221.4	2.5	236.1
271	9	28	21.8	28.3	24.7	25.3	24.9	23.1	15.7	14.1	76.5	1027.9	4.6	250.8	3.4	225.2
272	9	29	4.5	0.9	4.5	4.3	4.1	3.8	2.9	15.2	86.6	1021.6	4.1	245.0	2.4	215.6
273	9	30	21.0	24.7	23.5	23.8	23.4	21.6	14.6	17.0	83.1	1014.1	2.8	240.8	2.6	207.0
274	10	1	13.3	11.9	14.1	14.0	13.6	12.5	8.8	16.0	82.2	1017.1	3.7	246.1	3.4	96.3
275	10	2	14.5	8.2	15.3	15.1	14.7	13.6	9.7	18.5	86.7	1014.0	2.1	202.5	2.9	17.0
276	10	3	10.4	3.1	10.3	10.0	9.6	8.8	6.6	18.5	90.2	1013.7	1.1	228.8	3.1	291.5
277	10	4	16.8	14.3	18.0	17.9	17.4	16.0	11.0	19.7	86.3	1009.6	5.5	248.8	4.6	320.6
278	10	5	16.4	13.6	17.4	17.2	16.7	15.3	10.6	16.0	75.3	1011.0	5.3	79.3	3.3	3.9
279	10	6	24.0	32.3	26.5	26.7	25.9	23.5	14.9	12.3	70.2	1019.1	2.2	216.1	1.8	253.3

diario

280	10	7	20.7	22.0	22.6	22.6	21.9	19.9	13.1	14.4	76.1	1019.3	1.1	231.7	2.7	207.3
281	10	8	24.3	32.5	26.7	26.7	25.9	23.4	14.6	15.3	66.2	1018.7	2.6	200.5	3.0	220.1
282	10	9	24.4	32.2	26.7	26.7	25.8	23.3	14.5	17.7	66.2	1016.5	4.5	213.6	3.5	216.1
283	10	10	13.7	5.8	14.2	13.9	13.4	12.3	8.8	17.7	88.2	1014.1	1.4	225.1	2.4	315.2
284	10	11	16.1	10.8	16.7	16.3	15.7	14.3	9.9	16.4	87.5	1015.7	2.6	30.4	3.5	302.6
285	10	12	21.6	22.8	23.0	22.7	21.9	19.7	12.6	15.6	81.1	1015.6	3.7	225.9	5.1	287.0
286	10	13	12.7	3.3	12.8	12.4	11.9	10.9	8.1	18.1	85.9	1012.9	4.9	249.4	4.1	303.9
287	10	14	6.5	0.3	6.3	6.0	5.8	5.3	4.0	20.0	85.7	1008.3	4.5	234.4	2.7	26.7
288	10	15	19.2	17.2	20.1	19.7	18.8	16.9	11.0	16.9	68.0	1015.1	3.9	42.6	2.6	87.5
289	10	16	25.6	33.2	27.4	26.9	25.8	22.8	13.4	12.4	65.9	1020.9	1.5	221.9	2.2	236.0
290	10	17	25.7	33.2	27.5	27.0	25.7	22.7	13.3	13.2	70.2	1020.5	1.0	204.9	2.3	215.5
291	10	18	23.6	25.6	25.0	24.4	23.3	20.7	12.6	13.5	77.2	1020.3	2.0	240.8	2.7	99.8
292	10	19	24.0	28.1	25.2	24.5	23.3	20.5	12.2	14.2	74.9	1021.0	1.8	268.8	2.3	256.4
293	10	20	26.0	32.8	27.4	26.7	25.4	22.2	12.7	12.6	73.9	1022.3	1.4	221.8	2.4	176.7
294	10	21	22.3	23.9	23.4	22.7	21.6	19.1	11.5	16.5	73.5	1018.9	2.4	167.6	4.9	5.1
295	10	22	25.4	29.1	26.8	26.1	24.8	21.7	12.6	16.7	78.3	1017.0	2.5	229.7	3.3	290.3
296	10	23	26.0	30.9	27.2	26.4	25.0	21.8	12.4	20.3	75.8	1016.2	4.8	218.9	3.1	253.1
297	10	24	26.5	32.1	27.8	26.9	25.5	22.1	12.3	23.0	73.0	1013.2	4.4	237.5	5.9	2.5
298	10	25	10.3	3.4	10.3	9.9	9.4	8.6	6.1	21.4	83.8	1010.4	3.1	157.7	4.4	276.5
299	10	26	24.1	25.6	24.7	23.8	22.4	19.5	11.4	15.7	71.2	1018.2	5.9	2.6	2.4	222.9
300	10	27	12.7	5.2	12.7	12.1	11.6	10.4	7.3	14.2	78.2	1014.8	1.8	218.6	4.7	29.1
301	10	28	19.4	15.9	19.2	18.2	17.1	15.0	9.7	16.2	81.5	1014.5	2.4	282.8	2.6	311.3
302	10	29	4.0	0.4	3.8	3.6	3.5	3.2	2.4	17.7	92.5	1011.1	3.8	232.2	2.9	229.9
303	10	30	14.5	4.9	14.3	13.6	13.0	11.7	8.4	16.7	91.9	1010.8	2.4	347.5	3.6	249.8
304	10	31	12.6	8.6	12.1	11.3	10.5	9.2	6.3	10.7	76.0	1019.5	2.5	339.9	4.4	234.1
305	11	1	28.0	34.9	28.5	27.1	25.3	21.5	11.1	11.5	61.1	1024.4	3.6	10.2	2.2	121.3
306	11	2	28.2	35.2	28.6	27.1	25.3	21.4	11.0	11.1	68.6	1026.8	1.2	340.8	2.7	84.3
307	11	3	28.0	33.4	28.5	27.0	25.2	21.4	10.9	12.5	77.3	1023.6	0.8	214.4	2.9	122.7
308	11	4	27.0	31.2	27.2	25.7	24.0	20.3	10.7	13.3	74.7	1022.0	2.1	229.2	2.5	320.7
309	11	5	22.8	21.4	22.4	21.1	19.6	16.8	9.8	15.1	77.3	1019.7	2.4	216.0	2.4	175.9
310	11	6	23.0	19.2	23.0	21.7	20.4	17.6	10.4	17.3	81.7	1016.6	2.6	220.2	3.2	129.0
311	11	7	27.0	29.5	27.1	25.6	23.8	20.1	10.5	20.6	74.3	1012.9	4.1	227.1	2.8	152.7
312	11	8	17.9	9.1	17.8	16.9	16.0	14.2	9.3	21.4	76.8	1011.0	2.0	197.7	2.8	218.4
313	11	9	24.1	23.4	23.9	22.5	20.9	17.9	10.0	19.5	79.5	1012.7	1.0	201.3	4.2	200.3

diario																
314	11	10	28.2	31.9	28.3	26.7	24.7	20.8	10.3	17.8	71.5	1016.2	1.7	230.4	7.2	313.1
315	11	11	7.7	0.6	7.4	7.1	6.7	6.1	4.7	17.7	89.9	1010.0	4.4	260.8	6.7	304.2
316	11	12	14.9	3.3	14.5	13.8	13.2	11.9	8.8	20.5	83.3	998.3	5.3	139.6	5.9	309.6
317	11	13	20.6	14.0	20.1	18.8	17.6	15.3	9.6	13.9	75.8	1010.7	8.1	36.0	5.4	301.1
318	11	14	29.7	36.8	29.2	27.1	24.9	20.5	9.6	13.2	70.9	1017.5	1.3	202.5	3.8	259.7
319	11	15	28.8	32.7	28.6	26.7	24.6	20.4	9.8	18.7	73.1	1012.6	2.6	193.9	2.8	245.0
320	11	16	16.2	6.1	15.7	14.9	14.1	12.6	9.0	19.0	82.2	1008.8	1.4	203.5	3.2	224.8
321	11	17	14.9	5.8	14.6	13.8	13.1	11.6	7.9	17.9	90.2	1006.7	1.1	204.8	3.5	225.3
322	11	18	9.2	1.8	9.0	8.5	8.1	7.3	5.2	18.4	93.6	997.9	2.8	240.9	3.3	215.7
323	11	19	17.0	9.2	16.6	15.5	14.5	12.7	8.0	16.9	81.8	994.0	5.3	91.8	2.6	330.8
324	11	20	29.7	34.1	29.1	26.9	24.6	20.2	9.3	13.4	63.7	1013.2	6.2	56.0	2.3	313.7
325	11	21	30.0	36.1	29.2	26.8	24.4	19.9	9.1	15.3	72.1	1019.2	1.4	188.1	3.4	216.6
326	11	22	28.0	31.2	27.0	24.8	22.6	18.6	9.0	23.5	67.3	1012.2	2.6	203.6	3.4	219.7
327	11	23	18.1	9.2	17.4	16.3	15.3	13.5	8.9	18.4	84.5	1012.2	2.4	199.0	4.3	345.4
328	11	24	26.7	26.0	25.8	23.9	21.9	18.2	9.2	15.8	70.1	1012.5	1.9	248.7	4.1	3.2
329	11	25	30.5	37.2	29.3	26.8	24.2	19.6	8.6	17.9	70.8	1010.5	1.2	188.0	3.8	303.0
330	11	26	26.8	23.9	26.5	24.7	22.7	19.0	9.3	24.0	77.5	1006.9	2.2	178.1	2.7	152.5
331	11	27	24.5	22.0	23.5	21.6	19.8	16.6	9.0	20.9	83.3	1006.2	2.3	256.5	2.6	121.2
332	11	28	24.9	21.9	24.0	22.2	20.4	17.1	9.3	19.2	69.9	1010.6	1.6	201.1	4.0	314.7
333	11	29	30.5	35.3	29.5	27.0	24.4	19.8	8.5	17.2	71.4	1013.5	1.5	256.4	4.7	269.5
334	11	30	12.1	5.0	11.6	10.8	10.1	8.9	6.1	17.8	88.2	1010.6	1.4	222.4	3.2	221.0
335	12	1	30.8	36.0	29.6	27.0	24.4	19.7	8.4	19.5	81.8	1008.8	1.7	7.1	6.2	18.9
336	12	2	20.8	15.7	19.6	18.0	16.6	14.1	8.6	18.7	79.3	1008.2	0.7	200.6	2.9	344.3
337	12	3	29.7	34.7	28.2	25.5	23.0	18.5	8.2	18.5	77.4	1010.5	3.0	6.9	3.3	240.6
338	12	4	10.4	2.2	10.2	9.6	9.1	8.2	5.8	14.7	84.8	1011.3	1.9	257.3	3.8	243.7
339	12	5	23.6	19.8	22.5	20.8	19.1	16.0	8.9	17.5	74.5	1004.5	6.0	87.9	3.8	228.1
340	12	6	30.1	35.7	28.4	25.6	23.0	18.4	8.1	18.5	57.3	1009.5	2.0	123.9	3.0	252.1
341	12	7	26.0	22.6	25.1	23.1	21.2	17.6	8.7	19.1	60.3	1011.5	2.0	17.2	3.4	360.0
342	12	8	11.7	1.6	11.5	10.9	10.4	9.4	6.9	16.4	85.9	1007.4	2.9	253.3	3.0	275.4
343	12	9	30.0	33.2	28.6	26.0	23.5	18.9	8.3	16.0	65.6	1004.1	5.5	84.7	4.7	252.1
344	12	10	21.2	18.2	20.0	18.3	16.7	14.0	7.8	18.9	56.8	1007.2	2.5	206.9	3.6	228.9
345	12	11	29.2	31.0	27.8	25.2	22.8	18.5	8.3	20.5	66.1	1005.9	2.8	195.0	3.0	204.7
346	12	12	31.3	36.3	29.8	27.0	24.2	19.2	7.8	16.9	62.3	1013.8	1.7	46.4	4.2	52.8
347	12	13	28.7	30.1	27.1	24.6	22.2	18.1	8.6	19.5	56.5	1013.9	3.2	230.7	3.0	187.2

diario																
348	12	14	21.6	15.1	20.4	18.9	17.4	14.9	9.1	21.0	79.4	1008.9	3.7	253.0	3.5	281.2
349	12	15	11.7	2.0	11.2	10.6	10.1	9.2	7.0	16.9	86.5	1008.7	2.8	323.0	5.9	278.9
350	12	16	23.0	23.7	21.9	20.0	18.1	14.7	6.9	23.2	67.3	1002.3	5.1	44.9	7.9	293.8
351	12	17	31.9	39.2	30.0	26.9	24.0	19.0	7.6	17.2	61.7	1020.0	1.9	202.8	6.1	343.0
352	12	18	31.9	39.2	30.0	26.9	24.0	18.9	7.6	19.0	66.4	1020.2	3.7	225.1	4.3	25.6
353	12	19	29.4	31.1	27.9	25.4	22.9	18.5	8.2	22.1	79.3	1016.8	3.6	258.0	2.7	1.7
354	12	20	28.2	28.1	26.8	24.3	22.0	17.8	8.3	24.7	80.4	1013.0	3.2	233.3	2.1	273.5
355	12	21	27.4	26.1	25.9	23.5	21.4	17.4	8.5	24.6	84.5	1008.1	3.8	255.1	2.4	204.5
356	12	22	18.0	11.3	16.8	15.4	14.2	12.2	8.1	20.6	80.4	1006.0	4.4	11.9	4.0	143.1
357	12	23	31.6	36.6	29.9	27.0	24.1	19.1	7.7	18.2	61.6	1015.5	3.0	59.8	5.8	323.4
358	12	24	28.1	27.2	26.8	24.4	22.1	17.9	8.4	18.6	64.8	1019.3	3.1	232.8	4.7	335.6
359	12	25	30.5	34.6	28.8	26.0	23.4	18.5	7.8	21.1	72.3	1020.4	5.8	271.8	2.9	261.7
360	12	26	28.4	29.7	26.7	24.0	21.6	17.4	8.2	21.6	74.6	1017.1	6.0	257.8	3.5	223.0
361	12	27	16.8	5.2	16.2	15.3	14.4	12.9	9.1	21.9	81.3	1010.2	5.0	261.3	3.5	238.4
362	12	28	13.4	3.7	12.6	11.9	11.2	10.1	7.6	18.7	83.8	1006.6	6.0	109.3	3.4	243.3
363	12	29	31.8	38.8	30.0	26.9	24.0	19.0	7.7	17.4	60.8	1012.8	1.2	131.1	3.3	235.5
364	12	30	31.8	38.8	30.0	26.9	24.0	19.0	7.7	20.1	55.0	1009.8	2.2	197.5	3.7	233.8
365	12	31	19.8	11.5	18.8	17.4	16.1	14.0	9.2	17.5	64.9	1013.3	7.4	58.0	4.3	254.2