DAY	1996	1997	1998	1999	2000	2001	2002	2003	2004
1-Jul	98	86	91	84	89	84	90	73	82
2-Jul	97	90	88	82	91	87	90	81	81
3-Jul	97	93	91	87	93	87	87	87	86
4-Jul	90	91	91	88	95	84	89	86	88
5-Jul	89	84	91	90	96	86	93	80	90
6-Jul	93	84	89	91	96	87	93	84	90
7-Jul	93	75	93	82	96	87	89	87	89
8-Jul	91	87	95	86	91	89	89	90	87
9-Jul	93	84	95	87	96	91	90	89	88
10-Jul	93	87	91	87	99	87	91	84	89
11-Jul	90	84	91	82	96	90	84	84	90
12-Jul	91	88	86	77	93	90	77	86	89
13-Jul	93	86	88	73	91	86	82	87	91
14-Jul	93	90	87	81	93	82	88	84	91
15-Jul	82	91	91	81	93	82	91	86	84
16-Jul	91	91	87	86	93	84	93	88	84
17-Jul	96	89	90	82	91	87	93	88	84
18-Jul	95	89	91	87	97	88	93	88	87
19-Jul	96	89	95	88	100	90	93	88	84
20-Jul	99	90	91	90	99	87	91	88	88
21-Jul	91	89	91	90	93	84	95	89	89
22-Jul	95	84	89	91	96	87	91	86	89
23-Jul	91	87	91	93	87	90	89	81	93
24-Jul	93	88	91	93	82	84	87	82	95
25-Jul	84	89	86	91	75	82	84	84	89
26-Jul	84	89	88	93	82	88	86	87	87
27-Jul	82	91	80	93	88	90	89	87	84
28-Jul	79	91	88	93	91	84	91	89	89
29-Jul	90	89	89	93	89	89	91	88	87
30-Jul	91	88	90	97	87	89	88	84	89
31-Jul	87	72	86	99	86	87	90	88	90
1-Aug	86	80	86	96	86	84	93	84	91
2-Aug	90	84	82	93	81	84	91	84	90
3-Aug	84	88	84	88	84	84 86	91 01	84	91 01
4-Aug	91 03	89	86	89 01	88	86	91	82	91
5-Aug 6-Aug	93 88	88 84	90 89	91 93	91 91	88 84	93 97	84 82	90 84
7-Aug	91	84	89 89	93	91	86	97 87	84	81
7-Aug 8-Aug	84	80	86	93	91	88	87 87	84	82
9-Aug	90	73	82	93 91	96	87	86	86	84
9-Aug 10-Aug	90 89	73 80	82 87	90	95 95	88	88	87	75
10-Aug 11-Aug	88	86	88	96	95 89	86	89	84	73 82
11-Aug 12-Aug	86	88	84	98 98	89 89	86	89 91	84 81	82 80
12-Aug 13-Aug	84	88	86	98 97	89 89	86 81	91 91	81 87	80 77
13-Aug 14-Aug	86	87	80	98	89	87	89	89	82
14-Aug 15-Aug	89	88	82	93	94	84	88	90	82 82
13-Aug	OJ	00	OΖ	93	54	04	00	90	O2

16-Aug	90	91	86	93	97	90	90	86	84	
17-Aug	91	91	84	96	99	91	91	89	86	
18-Aug	91	89	87	98	101	91	93	90	86	
19-Aug	90	89	90	98	101	87	91	90	89	
20-Aug	89	88	79	89	97	86	93	87	88	
21-Aug	90	82	84	91	87	88	93	88	82	
22-Aug	91	79	87	91	86	90	91	88	84	
23-Aug	91	81	87	90	88	88	95	90	84	
24-Aug	91	82	88	80	92	93	93	89	87	
25-Aug	84	84	90	82	92	90	91	88	82	
26-Aug	88	87	91	89	90	91	88	89	86	
27-Aug	84	90	89	88	90	91	84	90	88	
28-Aug	86	90	90	90	92	81	82	91	90	
29-Aug 29-Aug	88	91	93	91	92	86	82	89	90 87	
30-Aug	84	91	93	91	88	81	78	88	88	
31-Aug	82	88	91	84	87	82	77	89	87	
1-Sep	80	88	87	88	79	80	84	88	82	
2-Sep	73	91	84	91	81	75 72	84	86	80	
3-Sep	87	93	77	84	82	73	89	87	81	
4-Sep	84	81	90	93	87	81	95	87	82	
5-Sep	87	81	91	96	81	90	93	84	84	
6-Sep	89	82	89	96	66	88	91	73	81	
7-Sep	89	86	90	91	66	87	88	75	86	
8-Sep	89	88	89	91	75	86	87	81	73	
9-Sep	91	84	79	77	80	86	91	82	84	
10-Sep	84	80	78	87	82	89	95	79	84	
11-Sep	86	82	81	87	84	87	95	80	84	
12-Sep	88	86	84	87	86	84	90	81	81	
13-Sep	78	87	89	86	87	84	75	84	79	
14-Sep	79	87	87	87	86	86	78	82	79	
15-Sep	86	88	87	89	80	77	91	82	73	
16-Sep	82	88	88	81	75	77	88	81	75	
17-Sep	82	90	87	81	73	81	86	81	80	
18-Sep	78	88	82	82	73	81	81	81	79	
19-Sep	79	91	80	79	84	82	80	84	78	
20-Sep	79	95	82	68	87	84	86	87	73	
21-Sep	78	89	82	79	77	86	84	82	75	
22-Sep	81	70	88	72	73	87	77	75	80	
23-Sep	84	80	84	75	81	88	82	81	84	
24-Sep	84	82	81	78	84	69	73	80	82	
25-Sep	87	66	82	81	82	66	69	82	81	
26-Sep	84	70	84	82	68	72	75	82	79	
27-Sep	79	64	87	78	71	75	75	82	72	
28-Sep	75	68	80	80	75	78	79	73	78	
29-Sep	72	77	75	77	73	71	73	66	78	
30-Sep	64	86	75	71	75	71	79	71	80	
1-Oct	66	75	86	73	77	75	82	72	82	

2-Oct	72	73	78	75	79	80	84	68	82
3-Oct	84	75	77	84	82	81	84	66	80
4-Oct	70	78	82	71	81	80	82	77	81
5-Oct	66	81	82	73	82	79	87	78	80
6-Oct	64	82	73	71	73	70	86	75	75
7-Oct	60	82	82	73	66	68	80	73	75
8-Oct	78	82	69	73	55	79	71	73	73
9-Oct	70	80	72	72	55	66	66	73	71
10-Oct	72	82	73	72	64	73	70	73	71
11-Oct	69	82	78	73	71	75	78	66	77
12-Oct	69	79	78	70	73	78	84	78	73
13-Oct	73	80	78	64	75	78	79	78	64
14-Oct	79	68	75	75	75	75	68	78	63
15-Oct	81	63	79	73	77	75	57	69	62
16-Oct	80	57	78	77	80	62	66	72	71
17-Oct	82	66	77	80	80	60	64	68	75
18-Oct	66	64	78	71	80	64	68	70	73
19-Oct	63	69	82	66	73	71	71	75	68
20-Oct	68	70	75	60	73	75	73	78	71
21-Oct	79	70	73	64	75	79	71	84	73
22-Oct	81	62	63	73	79	80	64	78	73
23-Oct	69	63	63	57	75	81	59	78	70
24-Oct	73	62	72	59	75	79	68	73	73
25-Oct	73	75	75	64	78	73	60	73	78
26-Oct	75	71	79	69	75	64	68	68	79
27-Oct	75	57	79	75	78	51	69	64	81
28-Oct	81	55	79	73	80	55	75	57	78
29-Oct	82	64	78	72	75	63	75	70	75
30-Oct	82	66	82	75	77	72	68	77	78
31-Oct	81	60	79	75	78	71	60	75	82

2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
91	93	95	85	95	87	92	105	82	90
89	93	85	87	90	84	94	93	85	93
86	93	82	91	89	83	95	99	76	87
86	91	86	90	91	85	92	98	77	84
89	90	88	88	80	88	90	100	83	86
82	81	87	82	87	89	90	98	83	87
76	80	82	88	86	94	94	93	79	89
88 89	82 84	82 89	90 89	82 84	97 96	94 91	95 97	88 88	90 90
78	84	86	87	84	90	91	97 95	87	90 87
83	90	85	89	86	93	95	90	80	85
86	91	87	93	90	90	95	84	87	90
84	91	86	85	84	91	97	90	78	89
87	91	84	88	89	91	90	90	85	90
84	91	81	89	89	94	80	90	86	86
85	91	86	89	90	89	85	92	87	83
89	93	89	88	88	87	87	93	91	86
90	93	89	90	82	83	89	93	87	82
89	96	88	91	80	90	94	91	90	85
89	93	86	94	82	91	91	84	86	76
90	93	86	95	86	94	92	90	87	82
91	91	79	92	84	95	94	95	85	83
91	86	82	87	87	97	92	97	84	88
90	87	87	88	88	94	92	97	86	87
92	88	87	89 87	90	95 05	90	98	89 86	88
94 92	93 95	87 90	87 90	92 90	95 93	94 94	98 97	86 82	89 92
90	95 96	90 89	93	90 89	93 90	90	97 97	86	90
83	91	87	93 92	85	94	93	94	86	90 82
78	91	92	90	82	95	96	96	90	84
84	94	90	88	85	95	96	88	80	85
82	95	92	89	89	96	91	94	87	81
86	95	92	92	83	84	96	99	89	84
88	97	94	91	90	92	97	94	88	88
91	98	97	91	92	95	85	87	90	90
88	96	96	92	92	93	96	90	88	89
86	89	98	94	89	93	93	86	88	92
80	97	98	90	91	91	93	84	86	95
82	96	100	86	92	93	94	92	83	90
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83	96	103	85	93	94	95	87	90	86
87	88	100	88	95	95	94	85	90	83
88	84	90	81	86	95	95	88	90	88
86	81	100	81	90	96	95 04	91	89	84
90	87	99	84	90	89	94	88	83	85 87
92	86	102	87	90	90	88	85	73	87

89	89	101	86	88	90	90	91	67	88	
90	86	101	85	87	91	92	87	66	89	
90	88	97	86	88	93	94	87	77	89	
89	88	95	90	90	92	96	84	82	86	
92	93	96	90	88	93	93	84	84	89	
94	91	99	85	88	93	94	88	84	92	
93		104		85	94	98	84	88	93	
87		98		81	93	92	88	90	93	
85		95	83	86	90	93	86	84	88	
84		94	78	87	89	95	85	82	84	
84		92	83	90	90	99	90	82	86	
86		88		83	89	95	90	86	88	
86		88		75	87	95	80	90	91	
85		89	89	86	84	93	86	92	92	
85		89	89	79	85	90	80	87	88	
85		86		79	89	92	89	90	89	
85		84		71	90	95	91	90	90	
88		83	85	78	91	96	89	84	90	
87		88	83	79	92	95	85	90	92	
85		91	85	83	84	80	77	89	82	
81		89	88	83	85	78	85	89	89	
81		85	87	85	90	75 75	85	88	91	
83		86		84	91	69	92	88	90	
85		88	90	87	93	73	88	91	84	
86		89	88	84	92	81	83	90	84	
84		89	87	80	94	84	84	89	86	
84		89	83	75	96	86	83	89	90	
86		86	87	81	89	87	81	90	92	
88		85	86	80	86	89	81	87	86	
88		81	88	82	91	92	83	82	78	
91		82		79	91		87			
88		76	80	82	89	72	86	89	86	
86		78		73	95	79	83	79	86	
88		78 79		80	93	7 <i>7</i>	79		85	
90		82		74	92	77	81	84	84	
90		81	79	81	96	82	79	86	83	
90		78		79	95	86	85	73	87	
86		86		84	92	80	87		82	
87		83	82	83	91	83	81	82	77	
88		89		85	88	82			77 78	
85		87	82	87	93	88	82	67	78 77	
77		84		85	76	86	86	78	74	
86		85	80 77	80	76 81	84	88	78 79	74 78	
85		85 85	86	83	76	79	86	79 77	78 74	
85		85 81	86 86	83 72	76 79	79 84	84		74 71	
82		79	86	72 74	79 76	78	72	76 77	71 84	
83		79 80		74 76	76 79	78 65	72 75	82	84 86	
83	5 63	80	/4	70	79	00	/5	82	80	

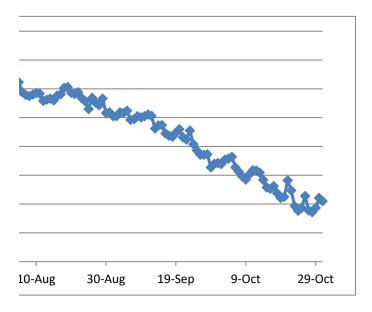
85	81	82	74	75	78	68	72	82	85
83	82	77	80	76	68	75	74	82	78
85	84	80	83	74	67	80	82	85	65
81	86	81	83	62	70	83	82	84	71
72	76	82	82	71	73	81	83	84	78
72	72	83	82	79	81	79	68	74	82
73	72	83	72	80	82	78	63	72	86
70	79	81	75	85	85	72	70	76	86
77	80	81	77	74	86	68	73	80	86
82	80	67	78	77	86	65	75	79	86
74	71	72	77	66	80	73	79	81	85
77	62	74	77	73	80	74	75	82	85
78	69	78	80	66	73	77	77	77	75
79	70	78	81	61	78	80	77	68	69
76	59	76	83	61	76	84	74	74	70
75	71	82	69	51	80	85	75	72	80
81	77	77	67	55	78	80	74	73	76
83	76	76	65	61	82	67	73	63	73
83	69	75	66	68	77	59	71	70	73
80	69	78	72	71	80	63	76	72	77
67	70	72	68	74	78	68	79	69	70
70	53	81	62	72	76	70	78	63	72
56	56	59	54	69	81	73	79	66	74
54	55	61	67	65	76	76	80	56	77
61	62	68	70	65	85	77	80	61	84
63	66	67	59	60	76	79	70	69	84
62	63	70	50	71	74	74	56	64	77
64	72	62	59	75	68	59	56	75	73
69	73	67	65	66	71	61	56	78	68
70	68	71	67	69	75	65	65	74	63

		C =	0.442625	T = 4.426247	mu =	88.75	(average	: Jul
DAY	Average 1996-2015	St	< Formul	a	m	nax of Ju	ly average	:S
1-Jul	88.85	0	0		m	nin of Jul	y average	S
2-Jul	88.35	0	=MAX(0,C3	3+(\$H\$1-B4-\$D\$1))	S	d of July	averages	
3-Jul	88.4	0	=MAX(0,C4	l+(\$H\$1-B5-\$D\$1))				
4-Jul	88.35	0	=MAX(0,C5	5+(\$H\$1-B6-\$D\$1))	100			
5-Jul	88.25	0.057375	=MAX(0,C6	5+(\$H\$1-B7-\$D\$1))	95			
6-Jul	87.85	0.514751	=MAX(0,C7	7+(\$H\$1-B8-\$D\$1))				
7-Jul	87.1	1.722126	=MAX(0,C8	3+(\$H\$1-B9-\$D\$1))	90	Aug Au	A PROPERTY.	77
8-Jul	89.15	0.879501	=MAX(0,C9	9+(\$H\$1-B10-\$D\$1))	85			
9-Jul	90.05	0	=MAX(0,C1	LO+(\$H\$1-B11-\$D\$1))				
10-Jul	88.55	0	=MAX(0,C1	L1+(\$H\$1-B12-\$D\$1))	80	1		
11-Jul	87.95	0.357375	=MAX(0,C1	L2+(\$H\$1-B13-\$D\$1))	75			
12-Jul	88.15	0.514751	=MAX(0,C1	l3+(\$H\$1-B14-\$D\$1))				
13-Jul	87.2	1.622126	=MAX(0,C1	L4+(\$H\$1-B15-\$D\$1))	70			
14-Jul	88.2	1.729501	=MAX(0,C1	L5+(\$H\$1-B16-\$D\$1))	65			
15-Jul	87	3.036876	=MAX(0,C1	L6+(\$H\$1-B17-\$D\$1))				
16-Jul	88.1	3.244252	=MAX(0,C1	L7+(\$H\$1-B18-\$D\$1))	60	+		
17-Jul	89.2	2.351627	=MAX(0,C1	L8+(\$H\$1-B19-\$D\$1))	1	-Jul	21-Jul	1
18-Jul	89.25	1.409002	=MAX(0,C1	L9+(\$H\$1-B20-\$D\$1))				
19-Jul	90.4	0	=MAX(0,C2	20+(\$H\$1-B21-\$D\$1))				
20-Jul	89.4	0	=MAX(0,C2	21+(\$H\$1-B22-\$D\$1))				
21-Jul	89.95	0	=MAX(0,C2	22+(\$H\$1-B23-\$D\$1))				
22-Jul	89.45	0	=MAX(0,C2	23+(\$H\$1-B24-\$D\$1))				
23-Jul	89.05	0	=MAX(0,C2	24+(\$H\$1-B25-\$D\$1))				
24-Jul	89.1	0	=MAX(0,C2	25+(\$H\$1-B26-\$D\$1))				
25-Jul	88	0.307375	=MAX(0,C2	26+(\$H\$1-B27-\$D\$1))				
26-Jul	89.5	0	=MAX(0,C2	27+(\$H\$1-B28-\$D\$1))				
27-Jul	89.55	0	=MAX(0,C2	28+(\$H\$1-B29-\$D\$1))				
28-Jul	89.95	0	=MAX(0,C2	29+(\$H\$1-B30-\$D\$1))				
29-Jul	89.25	0	=MAX(0,C3	30+(\$H\$1-B31-\$D\$1))				
30-Jul	89.55	0	=MAX(0,C3	31+(\$H\$1-B32-\$D\$1))				
31-Jul	88.15	0.157375	=MAX(0,C3	32+(\$H\$1-B33-\$D\$1))				
1-Aug	88.55	0	=MAX(0,C3	33+(\$H\$1-B34-\$D\$1))				
2-Aug	88.65	0	=MAX(0,C3	34+(\$H\$1-B35-\$D\$1))				
3-Aug	89.55	0	=MAX(0,C3	35+(\$H\$1-B36-\$D\$1))				
4-Aug	90.3	0	=MAX(0,C3	36+(\$H\$1-B37-\$D\$1))				
5-Aug	91.15	0	=MAX(0,C3	37+(\$H\$1-B38-\$D\$1))				
6-Aug	89.4	0	=MAX(0,C3	38+(\$H\$1-B39-\$D\$1))				
7-Aug	88.95	0	=MAX(0,C3	39+(\$H\$1-B40-\$D\$1))				
8-Aug	88.75	0	=MAX(0,C4	10+(\$H\$1-B41-\$D\$1))				
9-Aug	89	0	=MAX(0,C4	11+(\$H\$1-B42-\$D\$1))				
10-Aug	89.25	0	=MAX(0,C4	12+(\$H\$1-B43-\$D\$1))				
11-Aug	89.2	0	=MAX(0,C4	13+(\$H\$1-B44-\$D\$1))				
12-Aug	87.9	0.407375	=MAX(0,C4	14+(\$H\$1-B45-\$D\$1))				
13-Aug	88.1	0.614751	=MAX(0,C4	15+(\$H\$1-B46-\$D\$1))				

14-Aug	88.3		=MAX(0,C46+(\$H\$1-B47-\$D\$1))
15-Aug	88		=MAX(0,C47+(\$H\$1-B48-\$D\$1))
16-Aug	88.8		=MAX(0,C48+(\$H\$1-B49-\$D\$1))
17-Aug	89.05	0	=MAX(0,C49+(\$H\$1-B50-\$D\$1))
18-Aug	90.15	0	=MAX(0,C50+(\$H\$1-B51-\$D\$1))
19-Aug	90.3	0	=MAX(0,C51+(\$H\$1-B52-\$D\$1))
20-Aug	89.3	0	=MAX(0,C52+(\$H\$1-B53-\$D\$1))
21-Aug	89.1	0	=MAX(0,C53+(\$H\$1-B54-\$D\$1))
22-Aug	89.4	0	=MAX(0,C54+(\$H\$1-B55-\$D\$1))
23-Aug	88.4	0	=MAX(0,C55+(\$H\$1-B56-\$D\$1))
24-Aug	87.85		=MAX(0,C56+(\$H\$1-B57-\$D\$1))
25-Aug	86.5		=MAX(0,C57+(\$H\$1-B58-\$D\$1))
26-Aug	88.45		=MAX(0,C58+(\$H\$1-B59-\$D\$1))
27-Aug	87.6		=MAX(0,C59+(\$H\$1-B60-\$D\$1))
28-Aug	87.15		=MAX(0,C60+(\$H\$1-B61-\$D\$1))
29-Aug	88.3		=MAX(0,C61+(\$H\$1-B62-\$D\$1))
30-Aug	85.8		=MAX(0,C62+(\$H\$1-B63-\$D\$1))
31-Aug	85.9		=MAX(0,C63+(\$H\$1-B64-\$D\$1))
1-Sep	85.25	11.96638	• • • • • • • • • • • • • • • • • • • •
2-Sep	85.25	15.02375	
3-Sep	85.9	17.43113	• • • • • • • • • • • • • • • • • • • •
4-Sep	85.8	19.9385	=MAX(0,C67+(\$H\$1-B68-\$D\$1))
5-Sep	86.2	22.04588	=MAX(0,C68+(\$H\$1-B69-\$D\$1))
6-Sep	84.6	25.75325	=MAX(0,C69+(\$H\$1-B70-\$D\$1))
7-Sep	84.75	29.31063	=MAX(0,C70+(\$H\$1-B71-\$D\$1))
8-Sep	85.25	32.368	=MAX(0,C71+(\$H\$1-B72-\$D\$1))
9-Sep	85.05	35.62538	=MAX(0,C72+(\$H\$1-B73-\$D\$1))
10-Sep	85.25	38.68275	=MAX(0,C73+(\$H\$1-B74-\$D\$1))
11-Sep	85.55	41.44013	=MAX(0,C74+(\$H\$1-B75-\$D\$1))
12-Sep	85.3	44.44751	
13-Sep	83.1	49.65488	
14-Sep	83.65		=MAX(0,C77+(\$H\$1-B78-\$D\$1))
15-Sep	83.7	58.91963	
16-Sep	82.25		=MAX(0,C79+(\$H\$1-B80-\$D\$1))
17-Sep	81.85	71.43438	• • • • • • • • • • • • • • • • • • • •
18-Sep	81.7	78.04176	=MAX(0,C81+(\$H\$1-B82-\$D\$1))
19-Sep	82.4	83.94913	* * * * * * * * * * * * * * * * * * * *
20-Sep	83	89.25651	• • • • • • • • • • • • • • • • • • • •
21-Sep	81.6	95.96388	
22-Sep	81.2	103.0713	=MAX(0,C85+(\$H\$1-B86-\$D\$1))
23-Sep	82.75	108.6286	
24-Sep	80.4	116.536	=MAX(0,C87+(\$H\$1-B88-\$D\$1))
25-Sep	79.3	125.5434	* * * * * * * * * * * * * * * * * * * *
26-Sep	78.55	135.3008	* * * * * * * * * * * * * * * * * * * *
27-Sep	78.55	145.0581	=MAX(0,C90+(\$H\$1-B91-\$D\$1))
28-Sep	78.65	154.7155	=MAX(0,C91+(\$H\$1-B92-\$D\$1))
29-Sep	76.35	166.6729	=MAX(0,C92+(\$H\$1-B93-\$D\$1))

30-Sep	77	177.9803	=MAX(0,C93+(\$H\$1-B94-\$D\$1))
1-Oct	77.1	189.1876	=MAX(0,C94+(\$H\$1-B95-\$D\$1))
2-Oct	76.95	200.545	=MAX(0,C95+(\$H\$1-B96-\$D\$1))
3-Oct	77.7	211.1524	=MAX(0,C96+(\$H\$1-B97-\$D\$1))
4-Oct	77.85	221.6098	=MAX(0,C97+(\$H\$1-B98-\$D\$1))
5-Oct	78.2	231.7171	=MAX(0,C98+(\$H\$1-B99-\$D\$1))
6-Oct	76.35	243.6745	=MAX(0,C99+(\$H\$1-B100-\$D\$1))
7-Oct	75.6	256.3819	=MAX(0,C100+(\$H\$1-B101-\$D\$1))
8-Oct	74.8	269.8893	=MAX(0,C101+(\$H\$1-B102-\$D\$1))
9-Oct	74.25	283.9466	=MAX(0,C102+(\$H\$1-B103-\$D\$1))
10-Oct	75.15	297.104	=MAX(0,C103+(\$H\$1-B104-\$D\$1))
11-Oct	75.85	309.5614	=MAX(0,C104+(\$H\$1-B105-\$D\$1))
12-Oct	75.8	322.0688	=MAX(0,C105+(\$H\$1-B106-\$D\$1))
13-Oct	75.45	334.9261	=MAX(0,C106+(\$H\$1-B107-\$D\$1))
14-Oct	74.2	349.0335	=MAX(0,C107+(\$H\$1-B108-\$D\$1))
15-Oct	72.9	364.4409	=MAX(0,C108+(\$H\$1-B109-\$D\$1))
16-Oct	72.65	380.0983	=MAX(0,C109+(\$H\$1-B110-\$D\$1))
17-Oct	73.1	395.3056	=MAX(0,C110+(\$H\$1-B111-\$D\$1))
18-Oct	71.9	411.713	=MAX(0,C111+(\$H\$1-B112-\$D\$1))
19-Oct	71.05	428.9704	=MAX(0,C112+(\$H\$1-B113-\$D\$1))
20-Oct	71.25	446.0278	=MAX(0,C113+(\$H\$1-B114-\$D\$1))
21-Oct	74.1	460.2351	=MAX(0,C114+(\$H\$1-B115-\$D\$1))
22-Oct	72.35	476.1925	=MAX(0,C115+(\$H\$1-B116-\$D\$1))
23-Oct	69.65	494.8499	=MAX(0,C116+(\$H\$1-B117-\$D\$1))
24-Oct	68.85	514.3073	=MAX(0,C117+(\$H\$1-B118-\$D\$1))
25-Oct	69.35	533.2646	=MAX(0,C118+(\$H\$1-B119-\$D\$1))
26-Oct	71.4	550.172	=MAX(0,C119+(\$H\$1-B120-\$D\$1))
27-Oct	68.9	569.5794	=MAX(0,C120+(\$H\$1-B121-\$D\$1))
28-Oct	68.6	589.2868	=MAX(0,C121+(\$H\$1-B122-\$D\$1))
29-Oct	69.35	608.2441	=MAX(0,C122+(\$H\$1-B123-\$D\$1))
30-Oct	71.05	625.5015	=MAX(0,C123+(\$H\$1-B124-\$D\$1))
31-Oct	70.5	643.3089	=MAX(0,C124+(\$H\$1-B125-\$D\$1))

y temp) 90.4 87 0.885249



Jul avg	91.194	87.258	89.71	87.645	91.74	86.742	89.258	85.581	87.839	86.94	90.194
Jul max	99	93	95	99	100	91	95	90	95	94	96
Jul min	79	72	80	73	75	82	77	73	81	76	80
Jul sd	4.9018	4.4269	3.0462	5.7824	5.507	2.6073	3.7414	3.4907	3.0994	4.404	4.2381
C	5	5	5.0402	5.7624	5.507	5	5.7414	5.4307	5.0554	5	5
T	35	35	35	35	35	35	35	35	35	35	35
mu	91.194	87.258	89.71	87.645	91.74	86.742	89.258	85.581	87.839	86.94	90.194
YEAR	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
CHANGE	17-Sep	26-Sep	30-Sep	22-Sep	6-Sep	26-Sep	25-Sep	1-Oct	16-Sep	9-Oct	14-Sep
CH-DAY	79	88	92	84	68	88	87	93	78	101	76
DAY	1996	1997	1998	1999	2000	2001	2002	2003	2004		2006
1-Jul	0	0	0	0	0	0	0	0	0	0	0
2-Jul	0	0	0	0.6452	0	0	0	0	1.8387	0	0
3-Jul	0	0	0	0	0	0	0	0	0	0	0
4-Jul	0	0	0	0	0	0	0	0	0	0	0
5-Jul	0	0	0	0	0	0	0	0.5806	0	0	0
6-Jul	0	0	0	0	0	0	0	0	0	0	4.1935
7-Jul	0	7.2581	0	0.6452	0	0	0	0	0	5.935	9.3871
8-Jul	0	2.5161	0	0	0	0	0	0	0	0	12.581
9-Jul	0	0.7742	0	0	0	0	0	0	0	0	13.774
10-Jul	0	0	0	0	0	0	0	0	0	3.935	14.968
11-Jul	0	0	0	0.6452	0	0	0.2581	0	0	2.871	10.161
12-Jul	0	0	0	6.2903	0	0	7.5161	0	0	0	4.3548
13-Jul	0	0	0	15.935	0	0	9.7742	0	0	0	0
14-Jul	0	0	0	17.581	0	0	6.0323	0	0	0	0
15-Jul	4.1935	0	0	19.226	0	0	0	0	0	0	0
16-Jul	0	0	0	15.871	0	0	0	0	0	0	0
17-Jul	0	0	0	16.516	0	0	0	0	0	0	0
18-Jul	0	0	0	12.161	0	0	0	0	0	0	0
19-Jul	0	0	0	6.8065	0	0	0	0	0	0	0
20-Jul	0	0	0	0	0	0	0	0	0	0	0
21-Jul	0	0	0	0	0	0	0	0	0	0	0
22-Jul	0	0	0	0	0	0	0	0	0	0	0
23-Jul	0	0	0	0	0	0	0	0	0	0	0
24-Jul	0	0	0	0	4.742	0	0	0	0	0	0
25-Jul	2.1935	0	0	0	16.48	0	0.2581	0	0	0	0
26-Jul	4.3871	0	0	0	21.23	0	0	0	0	0	0
27-Jul	8.5806	0	4.7097	0	19.97	0	0	0	0	0	0
28-Jul	15.774	0	1.4194	0	15.71	0	0	0	0	0	0
29-Jul	11.968	0	0	0	13.45	0	0	0	0	0	0
30-Jul	7.1613	0	0	0	13.19	0	0	0	0	3.935	0
31-Jul	6.3548	10.258	0	0	13.94	0	0	0	0	1.871	0
1-Aug	6.5484	12.516	0	0	14.68	0	0	0	0	1.806	0
2-Aug	2.7419	10.774	2.7097	0	20.42	0	0	0	0	0	0
3-Aug	4.9355	5.0323	3.4194	0	23.16	0	0	0	0	0	0
4-Aug	0.129	0	2.129	0	21.9	0	0	0	0	0	0

5-Aug	0	0	0	0	17.65	0	0	0	0	0	0
6-Aug	0	0	0	0	13.39	0	0	0	0	0	0
7-Aug	0	0	0	0	9.129	0	0	0	1.8387	1.935	0
8-Aug	2.1935	2.2581	0	0	4.871	0	0	0	2.6774	1.871	0
9-Aug	0	11.516	2.7097	0	0	0	0	0	1.5161	0	0
10-Aug	0	13.774	0.4194	0	0	0	0	0	9.3548	0	0
11-Aug	0	10.032	0	0	0	0	0	0	10.194	0	0
12-Aug	0.1935	4.2903	0.7097	0	0	0	0	0	13.032	0	1.1935
13-Aug	2.3871	0	0	0	0	0.7419	0	0	18.871	0	5.3871
14-Aug	2.5806	0	4.7097	0	0	0	0	0	19.71	0	3.5806
15-Aug	0	0	7.4194	0	0	0	0	0	20.548	0	2.7742
16-Aug	0	0	6.129	0	0	0	0	0	19.387	0	0
17-Aug	0	0	6.8387	0	0	0	0	0	16.226	0	0
18-Aug	0	0	4.5484	0	0	0	0	0	13.065	0	0
19-Aug	0	0	0	0	0	0	0	0	6.9032	0	0
20-Aug	0	0	5.7097	0	0	0	0	0	1.7419	0	0
21-Aug	0	0.2581	6.4194	0	0	0	0	0	2.5806	0	0
22-Aug	0	3.5161	4.129	0	0.742	0	0	0	1.4194	0	0
23-Aug	0	4.7742	1.8387	0	0	0	0	0	0.2581	0	0
24-Aug	0	5.0323	0	2.6452	0	0	0	0	0	0	2.1935
25-Aug	2.1935	3.2903	0	3.2903	0	0	0	0	0.8387	0	2.3871
26-Aug	0.3871	0	0	0	0	0 0	0	0 0	0	0	0
27-Aug	2.5806 2.7742	0 0	0 0	0	0 0	0.7419	0.2581 2.5161	0	0	0	0
28-Aug	0.9677	0	0	0 0	0	0.7419		0	0 0	0	0
29-Aug 30-Aug	3.1613	0	0	0	0	0.7419	4.7742 11.032	0	0	0 0	0 0
30-Aug 31-Aug	7.3548	0	0	0	0	0.7419	18.29	0	0	0	5.1935
1-Sep	13.548	0	0	0	7.742	2.2258	18.548	0	0.8387	0	5.3871
2-Sep	26.742	0	0.7097	0	13.48	8.9677	18.806	0	3.6774	0	4.5806
3-Sep	25.935	0	8.4194	0	18.23	17.71	14.065	0	5.5161	0	4.7742
4-Sep	28.129	1.2581	3.129	0	17.97	18.452	3.3226	0	6.3548	0	1.9677
5-Sep	27.323	2.5161	0	0	23.71	10.194	0	0	5.1935	0.935	4.1613
6-Sep	24.516	2.7742	0	0	44.45	3.9355	0	7.5806	7.0323	1.871	4.3548
7-Sep	21.71	0	0	0	65.19	0	0	13.161	3.871	0.806	9.5484
8-Sep	18.903	0	0	0	76.94	0	0	12.742	13.71	0	11.742
9-Sep	14.097	0	5.7097	5.6452	83.68	0	0	11.323	12.548	0	13.935
10-Sep	16.29	2.2581	12.419	1.2903	88.42	0	0	12.903	11.387	0	14.129
11-Sep	16.484	2.5161	16.129	0	91.16	0	0	13.484	10.226	0	15.323
12-Sep	14.677	0	16.839	0	91.9	0	0	13.065	12.065	0	18.516
13-Sep	22.871	0	12.548	0	91.65	0	9.2581	9.6452	15.903	0	33.71
14-Sep	30.065	0	10.258	0	92.39	0	15.516	8.2258	19.742	0	38.903
15-Sep	30.258	0	7.9677	0	99.13	4.7419	8.7742	6.8065	29.581	0	42.097
16-Sep	34.452	0	4.6774	1.6452	110.9	9.4839	5.0323	6.3871	37.419	0	44.29
17-Sep	38.645	0	2.3871	3.2903	124.6	10.226	3.2903	5.9677	40.258	0	44.484
18-Sep	46.839	0	5.0968	3.9355	138.4	10.968	6.5484	5.5484	44.097	0	44.677
19-Sep	54.032	0	9.8065	7.5806	141.1	10.71	10.806	2.129	48.935	0	50.871
20-Sep	61.226	0	12.516	22.226	140.8	8.4516	9.0645	0	58.774	0	63.065

21-Sep	69.419	0	15.226	25.871	150.6	4.1935	9.3226	0	66.613	0	73.258
22-Sep	74.613	12.258	11.935	36.516	164.3	0	16.581	5.5806	69.452	0	76.452
23-Sep	76.806	14.516	12.645	44.161	170.1	0	18.839	5.1613	68.29	0	75.645
24-Sep	79	14.774	16.355	48.806	172.8	12.742	30.097	5.7419	69.129	0	76.839
25-Sep	78.194	31.032	19.065	50.452	177.5	28.484	45.355	4.3226	70.968	0	87.032
26-Sep	80.387	43.29	19.774	51.097	196.3	38.226	54.613	2.9032	74.806	4.935	94.226
27-Sep	87.581	61.548	17.484	55.742	212	44.968	63.871	1.4839	85.645	0.871	100.42
28-Sep	98.774	75.806	22.194	58.387	223.8	48.71	69.129	9.0645	90.484	0	104.61
29-Sep	112.97	81.065	31.903	64.032	237.5	59.452	80.387	23.645	95.323	0	119.81
30-Sep	135.16	77.323	41.613	75.677	249.3	70.194	85.645	33.226	98.161	0	130
1-Oct	155.35	84.581	40.323	85.323	259	76.935	87.903	41.806	99	0	132.19
2-Oct	169.55	93.839	47.032	92.968	266.7	78.677	88.161	54.387	99.839	0	136.39
3-Oct	171.74	101.1	54.742	91.613	271.5	79.419	88.419	68.968	102.68	0	139.58
4-Oct	187.94	105.35	57.452	103.26	277.2	81.161	90.677	72.548	104.52	0	140.77
5-Oct	208.13	106.61	60.161	112.9	282	83.903	87.935	75.129	107.35	0.935	139.97
6-Oct	230.32	106.87	71.871	124.55	295.7	95.645	86.194	80.71	115.19	10.87	149.16
7-Oct	256.52	107.13	74.581	134.19	316.5	109.39	90.452	88.29	123.03	20.81	162.35
8-Oct	264.71	107.39	90.29	143.84	348.2	112.13	103.71	95.871	132.87	29.74	175.55
9-Oct	280.9	109.65	103	154.48	379.9	127.87	121.97	103.45	144.71	41.68	181.74
10-Oct	295.1	109.9	114.71	165.13	402.7	136.61	136.23	111.03	156.55	46.61	186.94
11-Oct	312.29	110.16	121.42	174.77	418.4	143.35	142.48	125.61	162.39	46.55	192.13
12-Oct	329.48	113.42	128.13	187.42	432.2	147.1	142.74	128.19	172.23	54.48	206.32
13-Oct	342.68	115.68	134.84	206.06	443.9	150.84	148	130.77	191.06	59.42	229.52
14-Oct	349.87	129.94	144.55	213.71	455.6	157.58	164.26	133.35	210.9	63.35	245.71
15-Oct	355.06	149.19	150.26	223.35	465.4	164.32	191.52	144.94	231.74	66.29	260.9
16-Oct	361.26	174.45	156.97	229	472.1	184.06	209.77	153.52	243.58	72.23	287.1
17-Oct	365.45	190.71	164.68	231.65	478.9	205.81	230.03	166.1	251.42	79.16	301.29
18-Oct	385.65	208.97	171.39	243.29	485.6	223.55	246.29	176.68	261.26	80.1	309.48
19-Oct	408.84	222.23	174.1	259.94	499.4	234.29	259.55	182.26	276.1	79.03	318.68
20-Oct	427.03	234.48	183.81	282.58	513.1	241.03	270.81	184.84	287.94	77.97	334.87
21-Oct	434.23	246.74	195.52	301.23	524.8	243.77	284.06	181.42	297.77	79.9	351.06
22-Oct	439.42	267	217.23	310.87	532.6	245.52	304.32	184	307.61	94.84	366.26
23-Oct	456.61	286.26	238.94	336.52	544.3	246.26	329.58	186.58	320.45	106.8	398.45
24-Oct	469.81	306.52	251.65	360.16	556.1	249	345.84	194.16	330.29	132.7	427.65
25-Oct	483	313.77	261.35	378.81	564.8	257.74	370.1	201.74	335.13	160.6	457.84
26-Oct	494.19	325.03	267.06	392.45	576.5	275.48	386.35	214.32	338.97	181.6	481.03
27-Oct	505.39	350.29	272.77	400.1	585.3	306.23	401.61	230.9	340.81	200.5	500.23
28-Oct	510.58	377.55	278.48	409.74	592	332.97	410.87	254.48	345.65	220.5	522.42
29-Oct	514.77	395.81	285.19	420.39	603.8	351.71	420.13	265.06	353.48	238.4	535.61
30-Oct	518.97	412.06	287.9	428.03	613.5	361.45	436.39	268.65	358.32	251.3	547.81
31-Oct	524.16	434.32	293.61	435.68	622.3	372.19	460.65	274.23	359.16	263.3	565

86.419	89.161	86.645	91.258	91.94	94.097	84.71	86.613	90.065	82.4
95	95	95	97	97	105	91	93	94	
79	82	80	83	80	84	76	76	79	
3.3543	2.7459	3.6928	4.0576	3.473	4.5852	3.8746	3.584	3.5584	
5	5	5	5	5	5	5	5	5	5
35	35	35	35	35	35	35	35	35	35
86.419	89.161	86.645	91.258	91.94	94.097	84.71	86.613	90.065	
2007	2008	2009	2010	2011	2012	2013	2014	2015	
13-Oct	21-Sep	19-Sep	30-Sep	7-Sep	22-Aug	18-Aug	29-Sep	16-Sep	19-Sep
105	83	81	92	69	53	49	91	78	81.75
2007	2008	2009	2010	2011	2012	2013	2014	2015	AVERAGE
0	0	0	0	0	0	0	0	0	
0	0	0	2.2581	0	0	0	0	0	
0	0	0	5.5161	0	0	3.7097	0	6.0645	
0	0	0	6.7742	0	0	6.4194	0	6.129	
0	0	1.6452	5.0323	0	0	3.129	0	7.1935	
0	2.1613	0	2.2903	0	0	0	0	8.2581	
0	0	0	0	0	0	0.7097	0	3.3226	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	22-0
0	0	0	0	0	5.0968	0	0	0	
0	0	0	0	0	4.1935	1.7097	0	0	12-0
0	0	0	0	0	3.2903	0	0	0	
0.4194	0	0	0	6.935	2.3871	0	0	0	2-0
0	0	0	0	8.871	0	0	0	0	22-Se
0	0	0	0	8.806	0	0	0	0	
0	0	0	3.2581	6.742	0	0	0	0	12-Se
0	0	1.6452	0	0	0	0	0	0	2.5
0	0	1.2903	0	0	5.0968	0	5.6129	0	2-Se
0	0	0	0	0	4.1935	0	5.2258	0	23-Aı
2.4194	0	0	0	0	0	0	3.8387	0	
1.8387	0	0	0	0	0	0	0	0	13-Aı
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
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0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	0	0	0	0	
0	0	0	0	0	1.0968	0	0	0	
0	0	0	0	0	0	0	0.6129	0	
0	0	0	2.2581	0	0	0	0	0	
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	0	0	0	1.935	2.0968	0	0	0	I

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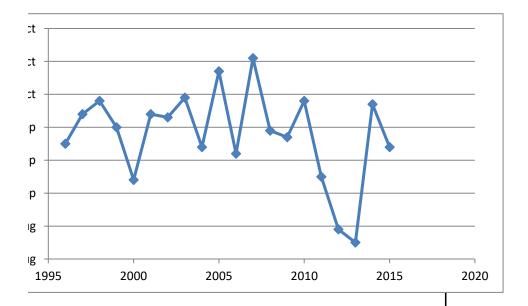
14.516	44.129	42.129	0	111.8	168.74	6.7097	0	42.645
9.9355	44.29	39.774	0	118.8	170.84	4.4194	0	51.71
8.3548	46.452	38.419	0	122.7	178.94	2.129	4.6129	55.774
0.7742	52.613	35.065	0	127.6	190.03	10.839	8.2258	66.839
0	54.774	29.71	0	126.6	197.13	23.548	12.839	84.903
0	58.935	26.355	10.258	127.5	200.23	25.258	20.452	98.968
0	66.097	28	15.516	130.5	201.32	25.968	24.065	113.03
0	64.258	26.645	25.774	138.4	204.42	28.677	31.677	123.1
0.4194	62.419	36.29	33.032	141.3	209.52	32.387	42.29	131.16
2.8387	60.581	43.935	43.29	150.3	226.61	35.097	39.903	131.23
4.2581	70.742	49.581	50.548	172.2	240.71	32.806	35.516	145.29
3.6774	80.903	56.226	58.806	191.1	257.81	30.516	32.129	164.35
8.0968	85.065	61.871	77.065	203.1	272.9	28.226	35.742	183.42
9.5161	86.226	69.516	96.323	210	280	22.935	52.355	198.48
9.9355	87.387	89.161	112.58	213.9	287.1	18.645	62.968	210.55
9.3548	89.548	99.806	125.84	219.9	293.19	14.355	66.581	219.61
7.7742	91.71	102.45	131.1	227.8	314.29	20.065	66.194	223.68
6.1935	103.87	104.1	135.35	236.7	340.39	27.774	61.806	226.74
6.6129	113.03	100.74	136.61	251.7	359.48	31.484	57.419	230.81
7.0323	120.19	108.39	136.87	270.6	375.58	31.194	53.032	244.87
21.452	126.35	113.03	137.13	292.5	389.68	31.903	48.645	256.94
30.871	133.52	128.68	143.39	306.5	399.77	30.613	45.258	266
38.29	140.68	137.32	149.65	319.4	413.87	28.323	41.871	270.06
41.71	144.84	152.97	162.9	329.4	425.97	31.032	48.484	277.13
45.129	148	173.61	171.16	336.3	438.06	42.742	61.097	281.19
50.548	149.16	194.26	181.42	339.2	453.16	48.452	72.71	289.26
49.968	164.32	224.9	187.68	341.2	467.26	56.161	74.323	304.32
54.387	181.48	251.55	195.94	348.1	482.35	62.871	79.935	323.39
59.806	200.65	272.19	200.19	368	498.45	79.581	88.548	344.45
66.226	218.81	285.84	209.45	396	516.55	89.29	97.161	358.52
69.645	230.97	296.48	215.71	419.9	529.65	97	101.77	367.58
79.065	247.13	304.13	223.97	438.8	539.74	107.71	113.39	373.65
79.484	269.29	313.77	234.23	455.8	550.84	124.42	123	377.71
101.9	299.45	326.42	239.48	469.7	560.94	138.13	130.61	386.77
122.32	316.61	343.06	249.74	480.6	570.03	161.84	135.23	400.84
135.74	330.77	359.71	251	490.6	579.13	180.55	132.84	418.9
150.16	355.94	381.35	261.26	498.5	598.23	191.26	130.45	447.97
161.58	390.1	392	273.52	511.5	631.32	206.97	135.06	455.03
181	415.26	398.65	291.77	539.4	664.42	211.68	143.68	470.1
195.42	434.42	414.29	307.03	565.3	697.52	213.39	157.29	485.16
205.84	451.58	426.94	318.29	587.3	721.61	219.1	175.9	508.23

B12:U134 is a matrix of St values, for each day of each year.

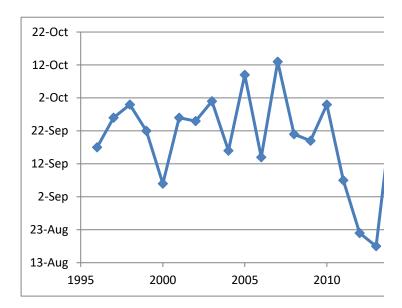
B1:U4 is the July average/max/min/sd each year.

B8:U8 is the date change was detected each year.

B9:U9 is how many days from July 1 it was detected.



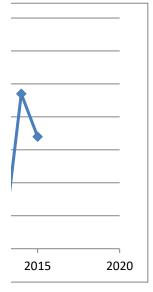
			C = 3
YEAR	DAY	DAY#	St
1996	17-Sep	79	0
1997	26-Sep	88	5
1998	30-Sep	92	14
1999	22-Sep	84	15
2000	6-Sep	68	0
2001	26-Sep	88	5
2002	25-Sep	87	9
2003	1-Oct	93	19
2004	16-Sep	78	14
2005	9-Oct	101	32
2006	14-Sep	76	25
2007	13-Oct	105	47
2008	21-Sep	83	47
2009	19-Sep	81	45
2010	30-Sep	92	54
2011	7-Sep	69	40
2012	22-Aug	53	10
2013	18-Aug	49	0
2014	29-Sep	91	8
2015	16-Sep	78	3



mu =

(Sep 18)

T = 45



C = 1	T = 5	mu =
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Avg temp through

YEAR	DAY	DAY#	this day	St
1996	17-Sep	79	88.56	0
1997	26-Sep	88	86.07	0.00
1998	30-Sep	92	86.98	0.00
1999	22-Sep	84	88.64	0.00
2000	6-Sep	68	90.70	0.95
2001	26-Sep	88	85.43	0.00
2002	25-Sep	87	88.30	0.00
2003	1-Oct	93	84.40	0.00
2004	16-Sep	78	85.40	0.00
2005	9-Oct	101	86.02	0.00
2006	14-Sep	76	88.76	0.00
2007	13-Oct	105	87.81	0.00
2008	21-Sep	83	86.77	0.00
2009	19-Sep	81	85.59	0.00
2010	30-Sep	92	90.68	0.93
2011	7-Sep	69	92.16	3.34
2012	22-Aug	53	91.85	5.44
2013	18-Aug	49	84.63	0.31
2014	29-Sep	91	86.40	0.00
2015	16-Sep	78	88.45	0.00

