

JULY 2013 WEATHER DATA FOR MIDDLETOWN, RHODE ISLAND

DATE	TEMPERATURE							DD	SKY	PRECIPITATION							BAROM		RH	DEW PT			WINDS			DAY	H2O	SC				
	HI	LO	M	12	DP	TDP	DF			H	C	E	M	L	LIQ	1H	RT	MH		SN	MH	D	HIGH	LOW	MN				HI	LO	M	AVG
Jul 1 13	M	74	69	72	70	+2	+2	5	7	O	O	O	.24	.13	.55	.24	0.0	0.0	30.10	29.95	95%	72	68	70	SSW	7.1	SW	23	77	68.6	X	
Jul 2 13	T	75	69	72	70	+2	+4	6	7	O	O	O	.02	.02	.04	.26	0.0	0.0	30.21	30.10	92%	72	69	71	SSW	6.9	SSW	23	78	69.0	F	
Jul 3 13	W	79	69	74	71	+4	+8	10	9	O	P	M				.26	0.0	0.0	30.23	30.18	89%	73	69	71	SW	7.8	SW	23	83	70.6	X	
Jul 4 13	T	83	72	78	72	+8	+16	11	13	O	C	C				.26	0.0	0.0	30.22	30.14	86%	74	68	71	SW	6.4	SW	24	90	71.5	F	
Jul 5 13	F	85	71	78	72	+8	+24	14	13	C	C	C				.26	0.0	0.0	30.18	30.09	80%	75	67	71	SW	7.1	SSW	24	93	73.3	H	
Jul 6 13	S	87	72	80	72	+10	+34	15	15	C	C	C				.26	0.0	0.0	30.10	29.99	78%	76	68	72	WSW	5.5	SW	19	97	73.6	F	
Jul 7 13	S	89	73	81	77	+11	+45	16	16	C	P	M				.26	0.0	0.0	30.02	29.92	77%	76	69	73	SW	4.5	SW	24	100	72.5	FH	
Jul 8 13	M	85	71	78	73	+7	+52	14	13	C	P	P				.26	0.0	0.0	30.03	29.91	80%	73	67	70	SSW	6.1	WSW	23	91	73.8	F	
Jul 9 13	T	79	68	74	71	+3	+55	11	9	O	M	O	.02	.02	.07	.28	0.0	0.0	30.09	30.00	90%	73	67	70	NNE	3.1	SE	12	82	70.8	FT	
Jul 10 13	W	80	72	76	73	+5	+60	8	11	O	O	O	.05	.05	.31	.33	0.0	0.0	30.05	29.83	89%	74	71	73	SSW	7.0	SSW	25	85	71.1	XH	
Jul 11 13	T	77	71	74	73	+3	+63	6	9	O	O	O	.25	.21	4.47	.58	0.0	0.0	29.89	29.80	91%	73	70	72	SSW	4.4	SSW	27	80	70.9	FT	
Jul 12 13	F	76	67	72	71	+1	+64	9	7	M	M	O				.58	0.0	0.0	30.13	29.88	87%	72	64	68	NNE	7.4	NNE	22	79	69.2	F	
Jul 13 13	S	77	67	72	67	+1	+65	10	7	O	O	O	.05	.02	.02	.63	0.0	0.0	30.27	30.13	94%	74	65	70	NE	3.7	NNE	13	81	69.2	X	
Jul 14 13	S	87	72	80	72	+9	+74	15	15	O	P	P				.63	0.0	0.0	30.27	30.20	85%	77	71	74	SW	4.0	SW	15	99	71.0	X	
Jul 15 13	M	91	75	83	77	+12	+86	16	18	M	C	P				.63	0.0	0.0	30.21	30.11	73%	75	70	73	WNW	3.4	WNW	13	99	71.1	H	
Jul 16 13	T	92	73	83	75	+11	+97	19	18	C	C	P				.63	0.0	0.0	30.16	30.11	71%	73	68	71	NNW	3.6	WNW	15	98	71.7	F	
Jul 17 13	W	85	71	78	76	+6	+103	14	13	C	C	C				.63	0.0	0.0	30.19	30.05	79%	74	69	72	SSW	3.7	SSW	17	93	74.0	FH	
Jul 18 13	T	91	74	83	75	+11	+114	17	18	C	P	P				.63	0.0	0.0	30.05	29.97	79%	77	72	75	S	4.5	W	15	104	74.9	FH	
Jul 19 13	F	88	75	82	77	+10	+124	13	17	P	H	C				.63	0.0	0.0	29.97	29.79	82%	77	73	75	SSW	7.2	SSW	25	98	73.9	FH	
Jul 20 13	S	85	74	80	76	+8	+132	11	15	P	P	P				.63	0.0	0.0	29.81	29.70	82%	75	72	74	SSW	6.9	SSW	26	94	72.0	FHT	
Jul 21 13	S	81	68	75	75	+3	+135	13	10	M	P	P	.14	.08	.92	.77	0.0	0.0	29.99	29.81	79%	72	65	69	S	3.4	NNE	13	84	71.0	FT	
Jul 22 13	M	81	69	75	69	+3	+138	12	10	M	P	P				.77	0.0	0.0	30.00	29.87	83%	72	66	69	ESE	4.0	ENE	14	85	70.9	F	
Jul 23 13	T	81	72	77	72	+4	+142	9	12	O	M	P	.34	.24	3.79	1.11	0.0	0.0	29.87	29.59	91%	76	70	73	SSW	6.4	SSW	27	87	71.5	X	
Jul 24 13	W	85	70	78	72	+5	+147	15	13	O	P	M	.77	.77	5.76	1.88	0.0	0.0	29.90	29.60	81%	74	64	69	W	4.1	NNE	21	92	71.7	FT	
Jul 25 13	T	73	62	68	73	-5	+142	11	3	O	O	O	.06	.04	.19	1.94	0.0	0.0	30.04	29.90	81%	64	54	50	NNE	9.5	NNE	25	73	66	70.6	F
Jul 26 13	F	70	62	66	62	-7	+135	8	1	O	O	O	.50	.11	.28	2.44	0.0	0.0	30.02	29.90	92%	67	60	64	NNW	7.8	NNW	26	70	68.2	F	
Jul 27 13	S	79	65	72	65	-1	+134	14	7	M	P	M	.01	.01		2.45	0.0	0.0	30.06	29.97	83%	71	64	68	SW	5.1	S	19	81	70.1	F	
Jul 28 13	S	81	69	75	70	+2	+136	12	10	O	P	O	.06	.05	.37	2.51	0.0	0.0	29.98	29.92	87%	74	68	71	S	4.1	SSW	16	86	70.0	X	
Jul 29 13	M	80	69	75	69	+2	+138	11	10	O	P	P				2.51	0.0	0.0	30.01	29.94	92%	75	67	71	S	4.1	S	16	85	71.6	F	
Jul 30 13	T	81	65	73	69	+0	+138	16	8	C	C	P				2.51	0.0	0.0	30.05	29.99	69%	67	56	62	WNW	4.5	W	16	81	71.5	F	
Jul 31 13	W	79	61	70	66	-3	+135	18	5	C	C	M				2.51	0.0	0.0	30.08	30.01	72%	64	58	61	SSW	3.8	SSW	19	80	73.0	F	
AVG		82	70	76	72	+4	+88	12	0	11		.08				0.0	0	0	30.009	83%	70.06	SSW	5.39	SSW	20	87	71.4					
MAX		92	75	83	77	+12	+147	19	0	18		.77	.77	5.76		0.0	0	0	30.27	30.20	95%	77	73	75	NNE	9.5	SSW	27	104	74.9		
MIN		70	61	66	62	-7	+2	5	0	1								0	29.81	29.59	69%	64	54	59	NNE	3.1	SE	12	82	68.2		

# OF DAYS - JULY 2013

TEMP DEP		MX TMP		MIN TEMP		MX DEW		MIN DEW	
Norm	1	≥90	3	≥70	16	≥70	27	≥70	8
>0	26	≥80	20	≥60	31	≥60	31	≥60	28
≥+5	14	≥70	31	≥50	31	≥50	31	≥50	31
≥+10	6	≥60	31	≥50	31	≥40	31	≥40	31
<0	4	≥50	31	<40		<40		<30	
≤-5	2	<50		<30		<30		<20	
≤-10		<40		<20		<20		<10	
		<30		<10		<10		≤0	
		<20		≤0		≤0		≤-10	
		≤32		≤32		≤32		≤32	

LIQUID		SNOW		WINDS		SKY		SC	
None	18	None	31	W <3	3	CL	5	F	24
Trace	1	Trace		W <5	17	PC	11	DF	7
≥.01	13	≥0.1		W <10	30	OV	15	HZ	8
≥.10	6	≥1		W ≥10	1			TS	5
≥.20	5	≥2		W ≥13				IP	
≥.30	3	≥3		G <20	15			Z	
≥.40	2	≥4		G <30	31			THI ≥100	2
≥.50	2	≥5		G ≥30				THI ≥90	13
≥.75	1	≥6		G ≥40				THI ≥85	18
≥1.00		≥9		G ≥50				THI ≥80	26

JULY 2013 WEATHER DATA - MIDDLETOWN, RHODE ISLAND

TEMPERATURE	
Mean	75.94
Normal	71.6
Departure	+4.11
Jul 2012	73.55
High Mean	75.7
Year	2013
Low Mean	67.4
Year	1914
Avg High	81.8
Normal	79.3
Departure	+2.5
Jul 2012	81.3
High Max	84.7
Year	1952
Low Max	74.3
Year	1902
Avg Low	69.6
Normal	63.8
Departure	+5.7
Jul 2012	65.5
High Min	69.6
Year	2013
Low Min	59.5
Year	1962
Total Dep	+135
Jul 2012	+61
High Dep	+135
Year	2013
Low Dep	-110
Year	1914
Running Dep	+4.11
Jul 2012	+1.77
High Run Dep	+4.15
Year	2013
Low Run Dep	-3.74
Year	2001

LIQUID PRECIP	
Month	2.51
Normal	3.38
Departure	-0.87
% Of Norm	74%
Jul 2012	5.23
Month Max	9.05
Year	2009
Month Min	.36
Year	1952
Year Total	25.22
Year Norm	27.68
Year Dep	-2.46
% Of Norm	91%
Jul 2012	22.88
Year Max	41.55
Year	1998
Year Min	14.33
Year	1957

SNOW	
Month	0.0
Normal	0.0
Departure	+0.0
% Of Norm	
Jul 2012	0.0
Month Max	0.0
Year	
Month Min	0.0
Year	
Seas Total	0.0
Seas Norm	0.0
Seas Dep	+0.0
% Of Norm	
Jul 2012	0.0
Seas Max	0.0
Year	
Seas Min	0.0
Year	

HEATING DD	
Month	0
Normal	3
Departure	-3
% Of Nrm	0%
Jul 2012	1
Month Max	34
Year	1914
Month Min	0
Year	2013
Seas Total	0
Seas Normal	3
Seas Depart	-3
% Of Normal	0%
Jul 2012	1
Seas Max	34
Year	1914
Seas Min	0
Year	2013

COOLING DD	
Month	339
Normal	215
Depart	+124
% Of Nrm	158%
Jul 2012	266
Month Max	339
Year	2013
Month Min	108
Year	1902
Year Total	449
Year Normal	304
Year Depart	+145
% of Normal	148%
Jul 2012	388
Year Max	472
Year	2010
Year Min	133
Year	1902

DEW POINTS	
Mean	70.06
Normal	63.2
Depart	+6.9
Jul 2012	64.0
Hi Mean	69.8
Year	2013
Lo Mean	56.8
Year	1965
Avg High	72.9
Normal	67.5
Depart	+5.4
Jul 2012	67.0
High Max	73.5
Year	1994
Low Max	61.8
Year	1965
Avg Low	66.7
Normal	58.9
Depart	+7.8
Jul 2012	61.0
High Min	66.7
Year	2013
Low Min	51.8
Year	1965

SKY	
C	24%
P	26%
H	1%
M	15%
O	34%
F	
SS%	52%
Norm	57%
2012	65%
Liq%	42%
Norm	29%
2012	42%
Sno%	0%
Norm	0%
2012	0%