

DECEMBER 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	RG	H	C	E	M	L	LIQ	1H	RT	MH	SN	MH	D	HIGH	LOW	MN	HI	LO	M	AVG	GUST	WC	HI	TMP				
Dec 1 13	S	50	38	44	39	+4	+4	12	21	O	O	O	.05	.03	.10	.05	0.0		30.45	29.99	83%	48	31	40	SE	5.8	SE	23	34	46.2	F			
Dec 2 13	M	42	35	39	38	-1	+3	7	26	O	O	M			.05	0.0		29.99	29.91	94%	39	34	37	NNW	3.6	NW	13	33	47.4	X				
Dec 3 13	T	49	36	43	37	+4	+7	13	22	O	P	C			.05	0.0		29.96	29.84	79%	39	33	36	NNW	5.8	NW	20	31	47.2	FH				
Dec 4 13	W	47	32	40	37	+1	+8	15	25	C	P	P			.05	0.0		30.18	29.96	76%	38	29	34	WNW	3.0	NW	12	30	46.8	FH				
Dec 5 13	T	54	39	47	39	+8	+16	15	18	O	O	F	.01	.01		.06	0.0		30.18	29.95	94%	54	38	46	ESE	5.0	SSW	24	39	53	47.1	X		
Dec 6 13	F	55	38	47	53	+9	+25	17	18	F	O	O	.35	.09	.28	.41	0.0		30.08	29.90	96%	54	37	46	NW	6.7	NW	22	32	47.8	X			
Dec 7 13	S	41	31	36	38	-2	+23	10	29	O	P	P	.21	.11	.22	.62	T	T	30.42	30.05	78%	37	23	30	WNW	8.7	WNW	27	24	46.9	F			
Dec 8 13	S	32	28	30	31	-8	+15	4	35	C	M	O			.62	T	T	30.57	30.42	63%	24	15	20	NNE	5.2	NW	16	22	44.8					
Dec 9 13	M	43	28	36	30	-1	+14	15	29	O	O	O	.35	.12	.17	.97	0.2	0.2	T	30.46	29.90	88%	42	23	33	NNE	6.8	ENE	24	22	45.0	FZ		
Dec 10 13	T	36	27	32	36	-5	+9	9	33	P	O	M	.14		1.11	1.5	1.7		30.03	29.80	91%	35	24	30	WNW	5.9	W	27	17	45.0	X			
Dec 11 13	W	32	25	29	27	-7	+2	7	36	C	C	M			1.11	1.7	2		30.24	30.03	77%	24	19	22	WSW	8.9	W	25	15	43.8				
Dec 12 13	T	29	21	25	29	-11	-9	8	40	C	P	C			1.11	1.7	1		30.25	30.08	58%	20	4	12	NW	9.6	WNW	27	11	27	41.7			
Dec 13 13	F	32	20	26	22	-10	-19	12	39	P	P	P			1.11	1.7	T		30.30	30.02	59%	18	9	14	W	9.8	W	29	8	41.1				
Dec 14 13	S	32	15	24	26	-11	-30	17	41	O	O	O	.28		1.39	3.1	4.8	T	30.55	30.10	74%	32	2	17	NNE	8.5	ENE	29	4	21	40.3	F		
Dec 15 13	S	41	29	35	32	+0	-30	12	30	O	O	C	.78	.28	.42	2.17	0.2	5.0	3	30.10	29.36	88%	40	24	32	NW	9.9	WNW	31	22	38	42.3	FZ	
Dec 16 13	M	31	22	27	29	-8	-38	9	38	M	P	C			2.17	5.0	T		30.20	29.75	60%	24	9	17	WNW	10.4	WNW	33	12	42.1				
Dec 17 13	T	27	17	22	22	-12	-50	10	43	P	O	O	.06		2.23	1.3	6.3	T	30.24	29.90	76%	26	9	18	NNW	6.9	NNW	25	9	26	40.2	F		
Dec 18 13	W	35	21	28	21	-6	-56	14	37	O	P	C			2.23	6.3	1		30.11	29.81	74%	24	19	22	WNW	9.9	WNW	28	10	40.0				
Dec 19 13	T	45	28	37	30	+3	-53	17	28	P	P	O			2.23	6.3	1		30.13	30.00	66%	33	21	27	WSW	7.9	SW	27	21	39.8				
Dec 20 13	F	51	33	42	37	+9	-44	18	23	M	P	P			2.23	6.3	T		30.13	29.98	83%	45	30	38	SSW	6.3	SSW	24	33	40.9				
Dec 21 13	S	53	46	50	46	+17	-27	7	15	M	P	M			2.23	6.3			30.01	29.92	92%	51	45	48	SSW	9.3	SSW	30	43	42.4	F			
Dec 22 13	S	59	51	55	52	+22	-5	8	10	O	F	O			2.23	6.3	T		29.99	29.87	93%	55	50	53	SW	10.0	SW	31	51	57	43.8	X		
Dec 23 13	M	55	36	46	54	+13	+8	19	19	O	O	O	.53	.15	.29	2.76	6.3		30.06	29.93	94%	53	36	45	NNW	5.1	N	24	28	45	44.2	X		
Dec 24 13	T	41	29	35	41	+2	+10	12	30	O	M	O	.02	.02		2.78	6.3		30.20	30.02	76%	40	19	30	NNW	9.3	WNW	25	19	36	42.8	F		
Dec 25 13	W	29	19	24	29	-8	+2	10	41	C	C	P			2.78	6.3			30.50	30.20	63%	19	6	13	WNW	8.6	WNW	33	5	24	40.2			
Dec 26 13	T	41	23	32	23	+0	+2	18	33	O	O	P	.16	.05	.09	2.94	0.1	6.4		30.44	30.07	85%	39	19	29	W	6.2	WNW	25	19	39.3	F		
Dec 27 13	F	37	28	33	29	+1	+3	9	32	C	P	P			2.94	6.4			30.27	30.19	66%	26	20	23	W	7.4	WNW	22	20	39.3				
Dec 28 13	S	49	30	40	31	+8	+11	19	25	C	P	C			2.94	6.4			30.23	30.02	67%	36	23	30	SW	7.1	WSW	31	25	39.3				
Dec 29 13	S	47	37	42	40	+10	+21	10	23	M	O	O	1.41	.35	1.53	4.35	6.4		30.03	29.36	88%	46	32	39	SW	6.3	NW	33	30	46	41.4	F		
Dec 30 13	M	43	22	33	38	+1	+22	21	32	P	O	M			4.35	6.4			30.12	29.54	72%	39	13	26	WNW	9.2	WNW	31	15	42.0				
Dec 31 13	T	28	18	23	22	-9	+13	10	42	M	P	P			4.35	6.4			30.19	30.03	63%	20	7	14	NNW	6.8	WNW	28	9	41.2				
AVG		41	29	35	34	+0	-5	12	29	0		.14			0.2	0			30.073	29.71	78%	29.71	7.1	WNW	7.42	WNW	26	23	43.0					
MAX		59	51	55	54	+22	+25	21	43	0		1.41	.35	1.53	3.1	3			30.57	30.42	96%	55	50	53	WNW	10.4	WNW	33		47.8				
MIN		27	15	22	21	-12	-56	4	10	0									29.96	29.36	58%	18	2	12	WNW	3.0	NW	12	4	21	39.3			

OF DAYS - DECEMBER 2013

TEMP DEP	MX TMP	MIN TEMP	MX DEW	MIN DEW
Norm	2	≥90	≥70	≥70
>0	15	≥80	≥60	≥60
≥+5	8	≥70	≥50	≥50
≥+10	4	≥60	≥40	≥40
<0	14	≥50	<40	<40
≤-5	11	<50	<30	<30
≤-10	4	<40	<20	<20
		<30	<10	<10
		<20	<0	<0
		<10	<-10	<-10
		≤32	≤32	≤32

LIQUID	SNOW	WINDS	SKY	SC
None	18	None	W <3	1
Trace	2	Trace	W <5	5
≥ .01	13	≥ 0.1	W <10	25
≥ .10	9	≥ 1	W ≥10	6
≥ .20	7	≥ 2	W ≥13	1
≥ .30	5	≥ 3	G <20	3
≥ .40	3	≥ 4	G <30	23
≥ .50	3	≥ 5	G ≥30	8
≥ .75	2	≥ 6	G ≥40	
≥ 1.00	1	≥ 9	G ≥50	

WC	HI	TMP	SC
WC ≤32			25
WC <10			5
WC ≤0			
Depth T/1"			6

DECEMBER 2013 WEATHER DATA - MIDDLETOWN, RHODE ISLAND

TEMPERATURE	
Mean	35.55
Normal	35.1
Departure	+0.18
Dec 2012	39.42
High Mean	41.2
Year	2001
Low Mean	22.7
Year	1989
Avg High	41.48
Normal	42.1
Departure	-0.6
Dec 2012	45.2
High Max	48.1
Year	2011
Low Max	30.8
Year	1989
Avg Low	29.10
Normal	28.1
Departure	+1.0
Dec 2012	33.2
High Min	34.6
Year	2001
Low Min	14.6
Year	1989
Total Dep	+13
Dec 2012	+133
High Dep	+197
Year	2001
Low Dep	-375
Year	1989
Running Dep	+0.18
Dec 2012	+4.05
High Run Dep	+6.02
Year	2001
Low Run Dep	-12.29
Year	1989

LIQUID PRECIP	
Month	4.35
Normal	4.34
Departure	+0.01
% Of Norm	100%
Dec 2012	5.84
Month Max	9.94
Year	1936
Month Min	.58
Year	1955
Year Total	38.47
Year Norm	48.19
Year Dep	-9.72
% Of Norm	80%
Dec 2012	39.07
Year Max	65.49
Year	1983
Year Min	27.66
Year	1965

SNOW	
Month	6.4
Normal	7.5
Departure	-1.1
% Of Norm	85%
Dec 2012	5.2
Month Max	23.5
Year	2009
Month Min	0.1
Year	1979
Seas Total	6.5
Seas Norm	8.6
Seas Dep	-2.1
% Of Norm	76%
Dec 2012	5.2
Seas Max	23.7
Year	1904
Seas Min	0.2
Year	1994

HEATING DD	
Month	913
Normal	919
Departure	-6
% Of Nrm	99%
Dec 2012	793
Month Max	1304
Year	1989
Month Min	728
Year	2001
Seas Total	1952
Seas Normal	1951
Seas Depart	+1
% Of Normal	100%
Dec 2012	1774
Seas Max	2476
Year	1904
Seas Min	1530
Year	2011

COOLING DD	
Month	0
Normal	0
Depart	+0
% Of Nrm	
Dec 2012	0
Month Max	0
Year	
Month Min	0
Year	
Year Total	658
Year Normal	563
Year Depart	+95
% of Normal	117%
Dec 2012	700
Year Max	789
Year	2010
Year Min	290
Year	1902

DEW POINTS	
Mean	29.71
Normal	26.2
Depart	+3.8
Dec 2012	20.0
Hi Mean	43.9
Year	2006
Lo Mean	26.9
Year	1976
Avg High	36.1
Normal	33.9
Depart	+2.2
Dec 2012	28.0
High Max	49.2
Year	2011
Low Max	31.2
Year	1976
Avg Low	22.7
Normal	18.4
Depart	+4.3
Dec 2012	12.0
High Min	38.9
Year	2006
Low Min	20.3
Year	1980

SKY	
C	16%
P	28%
H	
M	13%
O	40%
F	3%
SS%	45%
Norm	46%
2012	42%
Liq%	42%
Norm	38%
2012	55%
Sno%	19%
Norm	11%
2012	13%