

# HISTORICAL REPORT

UNITED STATES

Issued: December 2<sup>nd</sup>, 2014

## NOVEMBER 2014

### Weekly ACTUAL Temperature Trends vs Last Year



NOV 8, 2014



Veteran's Day  
NOV 15, 2014



NOV 22, 2014



Thanksgiving  
NOV 29, 2014

### Weekly ACTUAL Precipitation Trends vs Last Year



**LEGEND: vs LY**

- Much Colder ≤ -5°
- Colder -1° to -5°
- Similar -1° to +1°
- Warmer +1° to +5°
- Much Warmer ≥ +5°
- Much Wetter >200%
- Wetter 125% to 200%
- Similar 75% to 125%
- Drier 50% to 75%
- Much Drier < 50%

Dates are weekending Saturday

NOVEMBER 2014 SUMMARY (RETAIL MONTH 2-29 NOV 2014)

REGION	TEMP VS LY	23 YR TEMP RANK	23 YR TEND	PRECIP VS LY	23YR PRECIP RANK	23 YR PRECIP TEND	SNOW VS LY	23 YR SNOW TEND
U.S.	-1.4F	2ND COLDEST	COLDEST IN 18 YRS	+13%	11TH DRIEST	WETTEST IN 3 YRS	+69%	SNOWIEST IN 14 YRS
NORTHEAST	+0.4F	5TH COLDEST	SIMILAR TO LY	0%	8TH DRIEST	SIMILAR TO LY	-5%	SIMILAR TO LY
SOUTHEAST	-2.7F	15TH COLDEST	COLDEST IN 23 YRS	+22%	8TH WETTEST	WETTEST IN 8 YRS	-5%	SIMILAR TO LY
N. CENTRAL	-3.9F	2ND COLDEST	COLDEST IN 18 YRS	0%	11TH DRIEST	SIMILAR TO LY	+182%	SNOWIEST IN 14 YRS
S. CENTRAL	-1.5F	15TH COLDEST	COLDEST IN 23 YRS	+38%	9TH WETTEST	WETTEST IN 3 YRS	+64%	SNOWIEST IN 7 YRS
N. ROCKY MTNS	-4.5F	5TH COLDEST	COLDEST IN 11 YRS	+180%	2ND WETTEST	WETTEST IN 18 YRS	+53%	SNOWIER THAN LY
S. ROCKY MTNS	-2.1F	4TH COLDEST	COLDEST IN 14 YRS	-32%	8TH DRIEST	DRIER THAN LY	+5%	SIMILAR TO LY
NORTHWEST	+0.4F	11TH COLDEST	SIMILAR TO LY	+57%	8TH DRIEST	WETTER THAN LY	+158%	SNOWIEST IN 4 YRS
SOUTHWEST	+1.0F	7TH WARMEST	WARMER THAN LY	-67%	5TH DRIEST	DRIEST IN 5 YRS	-97%	LEAST IN 7 YRS

Nationally, **TEMPERATURES** trended colder than last year for 57% of the U.S. and 77% trended below normal. Much colder year-on-year trends were sandwiched in between a warmer start and end to the retail November. Super Typhoon Nuri took a highly unusual track to the north into the Bering Sea, dislodging Arctic air and sending it south into North America. The result was much colder trends across the U.S. during the middle of November. The only area that managed to escape the deep chill was California.

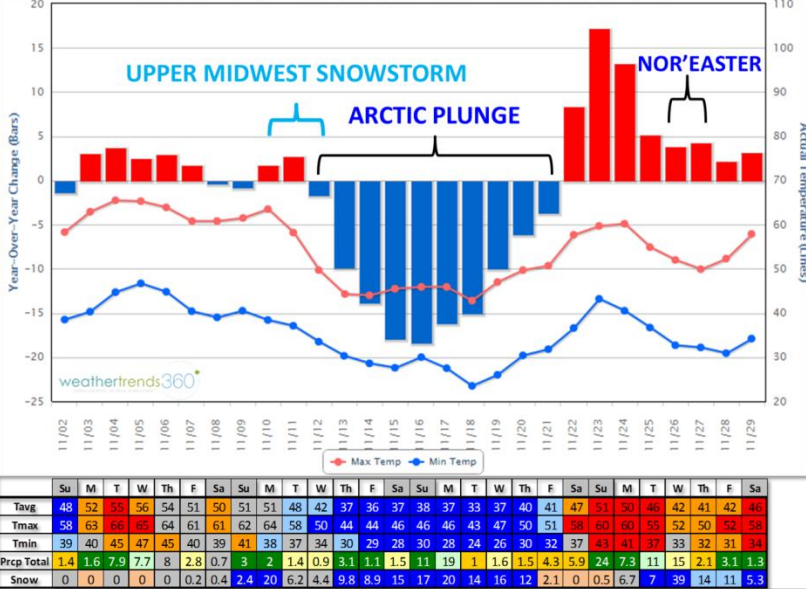
**PRECIPITATION** was the most in 3 years, but the Southwest and Central Plains were much drier than last year.

**TROPICS:** The Atlantic Hurricane Season slipped away quietly with no storms forming in November.

**SNOW** was the greatest in 14 years for the U.S. as a whole. Arctic air in week 2 was accompanied by heavy snow in the Upper Midwest where up to 4' of snow fell. Extreme Lake Effect snow buried areas just to the south and east of Buffalo, NY with +6' of snow in retail week 3. A Nor'easter in the final week of November dumped several inches of snow on the interior Northeast on the busiest travel day of the year.

**RETAIL TRENDS:** Colder weather in mid-November will have been favorable for outerwear, heaters, fire logs, and hand and body lotions. Snow removal categories will have seen increased demand in the Upper Midwest, near the Great Lakes, and in interior Northeast. Warmer trends and relatively dry weather over the Thanksgiving weekend will have been favorable for store traffic across a large portion of the U.S. Media hype ahead of the Nor'easter at the end of the month will have had consumers stocking up on basic staples, but will have also disrupted store traffic on the day before Thanksgiving.

### U.S. DAILY WEATHER SUMMARY NOVEMBER 2014



# Weekly Temperature & Precipitation Trends vs NORMAL

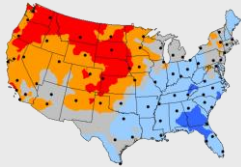
## Temperature Trends vs NORMAL

## Precipitation Trends vs NORMAL

11

November 8, 2014

14



21

November 15, 2014

21

Veteran's Day



23

November 22, 2014

7



12

November 29, 2014

6

Thanksgiving



Dates are weekend Saturday

Rankings (colored boxes) are based on the past 23 years for each week. A "11" indicates the hottest week of the past 23 years and a "23" the coldest week of the past 23 years. For precipitation "1" is the wettest week of the past 23 years and "23" is the driest.

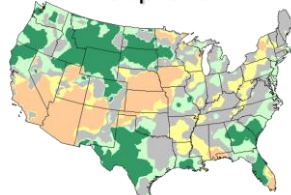
### LEGEND: vs Normal (30-year average)

■ Much Colder  $\leq -7^{\circ}$    
 ■ Colder  $-2^{\circ}$  to  $-6^{\circ}$    
 ■ Similar  $-1^{\circ}$  to  $+1^{\circ}$    
 ■ Warmer  $+2^{\circ}$  to  $+6^{\circ}$    
 ■ Much Warmer  $\geq +7^{\circ}$   
■ Much Wetter  $>200\%$    
 ■ Wetter 125% to 200%   
 ■ Drier 75% to 125%   
 ■ Drier 50% to 75%   
 ■ Much Drier  $<50\%$

### Retail November 2014 vs November 2013

#### Temperature

#### Precipitation



Although the big story was the deep chill in mid-November, there were some blips of much milder weather throughout the month. In the East during the first week of November, temperatures soared into the 60s and 70s, while the West was very warm, in fact, this was the 3<sup>rd</sup> warmest start to November in 23+ years for the Northwest. Much milder air returned in the East just ahead of the Arctic air intrusion in retail week 2. Yet another shot of record warmth arrived in the East during the final week of November just before a Nor'easter spun up the East Coast.

## MARKET TRENDS VS LY AND NORMAL

RETAIL CALENDAR (NOVEMBER 2-29, 2014)

Region	City	St	2014 Actual		2014 vs 2013		2014 vs Nrm		
			T (°F)	P (in)	T (°F)	P (in)	T (°F)	P (in)	
Northeast	Albany	NY	38.2	2.40	2.0	140%	-2.3	82%	
	Baltimore	MD	42.9	3.25	0.5	123%	-4.1	108%	
	Boston	MA	42.4	4.68	1.0	174%	-2.6	147%	
	Buffalo	NY	37.3	2.43	0.4	93%	-4.3	69%	
	Burlington	VT	38.3	1.95	4.0	91%	-0.3	69%	
	Cincinnati	OH	37.9	1.67	-2.5	76%	-7.1	65%	
	Cleveland	OH	36.3	2.67	-3.0	105%	-7.2	94%	
	Columbus	OH	37.1	1.45	-3.3	69%	-7.4	60%	
	Harrisburg	PA	40.5	2.42	0.3	124%	-5.0	109%	
	Hartford	CT	40.9	3.58	2.3	93%	-1.8	121%	
	New York	NY	45.3	3.74	1.1	138%	-3.7	119%	
	Philadelphia	PA	44.9	3.15	0.6	124%	-3.0	109%	
	Pittsburgh	PA	38.1	1.93	-0.1	70%	-5.1	78%	
	Roanoke	VA	42.8	3.19	-0.1	118%	-6.2	130%	
Southeast	Atlanta	GA	49.1	3.85	-0.7	269%	-4.9	119%	
	Birmingham	AL	48.6	4.46	-1.3	112%	-5.7	119%	
	Charleston	SC	55.0	4.48	-1.2	192%	-3.0	212%	
	Charlotte	NC	47.0	3.51	0.3	113%	-4.1	147%	
	Columbia	SC	50.6	3.64	-1.0	400%	-3.6	157%	
	Jackson	MS	49.9	3.88	-2.1	59%	-5.8	102%	
	Jacksonville	FL	57.3	3.96	-4.6	160%	-3.8	343%	
	Knoxville	TN	42.9	2.10	-3.1	52%	-6.9	62%	
	Memphis	TN	46.8	2.56	-1.8	96%	-6.8	64%	
	Miami	FL	72.8	2.66	-4.1	46%	-1.4	147%	
	Nashville	TN	43.4	3.34	-2.1	132%	-7.0	94%	
	Orlando	FL	65.6	4.83	-5.1	743%	-1.9	366%	
	Raleigh	NC	46.8	3.17	-0.5	180%	-4.9	109%	
	Tampa	FL	64.5	5.23	-5.4	1376%	-3.9	509%	
South Central	Amarillo	TX	43.4	0.34	-1.2	67%	-3.9	43%	
	Brownsville	TX	64.3	3.44	-2.2	199%	-5.6	193%	
	Dallas	TX	50.9	2.13	-2.1	100%	-7.4	95%	
	Goodland	KS	37.2	0.02	-1.9	12%	-3.4	3%	
	Houston	TX	57.1	3.40	-0.6	93%	-5.1	74%	
	Kansas City	MO	37.4	0.68	-3.0	48%	-7.8	53%	
	Little Rock	AR	47.4	2.19	-1.3	46%	-6.0	54%	
	New Orleans	LA	57.8	2.14	-1.5	116%	-4.5	64%	
	Oklahoma City	OK	46.5	2.38	-1.3	248%	-4.8	167%	
	San Antonio	TX	56.8	7.21	-2.7	481%	-5.3	322%	
	St. Louis	MO	40.3	2.45	-2.9	240%	-7.2	94%	
	North Central	Bismarck	ND	21.4	0.60	-5.5	1000%	-10.4	117%
		Chicago/O'Hare	IL	33.4	1.41	-3.6	71%	-8.0	71%
		Des Moines	IA	33.6	0.58	-3.2	43%	-7.2	40%
Detroit		MI	35.3	1.66	-1.5	98%	-6.8	69%	
Duluth		MN	21.8	0.98	-5.4	120%	-8.9	64%	
Grand Rapids		MI	34.0	4.11	-3.1	123%	-6.2	153%	
Green Bay		WI	28.3	2.52	-5.4	79%	-8.6	172%	
Indianapolis		IN	35.3	2.78	-3.2	86%	-9.0	108%	
Minneapolis		MN	25.6	0.88	-6.9	169%	-10.7	81%	
Omaha		NE	34.2	0.22	-2.5	21%	-6.6	18%	
Pierre		SD	26.6	0.80	-6.2	333%	-9.2	197%	
N. Rocky Mtn		Billings	MT	30.7	0.73	-4.7	215%	-7.2	155%
		Casper	WY	28.2	0.77	-4.1	321%	-6.8	177%
S. Rocky Mtn		Albuquerque	NM	45.2	0.25	0.5	28%	-1.4	59%
	Denver	CO	35.6	0.76	-5.1	281%	-4.2	213%	
	Salt Lake City	UT	40.4	0.60	-3.3	97%	0.1	47%	
Northwest	Boise	ID	35.8	1.02	-3.3	69%	-5.0	100%	
	Medford	OR	48.1	1.87	4.1	180%	3.2	71%	
	Portland	OR	46.7	2.99	1.4	124%	0.1	66%	
	Seattle-Tacoma	WA	46.4	4.84	-0.9	149%	1.0	80%	
	Spokane	WA	34.9	1.26	0.7	100%	-0.8	69%	
Southwest	Bakersfield	CA	59.4	0.00	1.5	0%	3.7	0%	
	Flagstaff	AZ	39.4	0.44	2.2	20%	1.4	38%	
	Las Vegas	NV	59.1	0.00	1.7	0%	1.8	0%	
	Los Angeles	CA	65.2	0.00	1.4	0%	3.6	0%	
	Palm Springs	CA	66.5	0.07	1.4	64%	0.5	21%	
	Phoenix	AZ	65.7	0.00	-0.7	0%	0.2	0%	
	Reno	NV	45.8	0.18	1.9	37%	2.3	37%	
	Sacramento	CA	56.3	1.10	1.0	125%	2.6	71%	
	San Diego	CA	65.7	0.12	2.0	8%	3.9	20%	
	San Francisco	CA	59.7	0.95	2.6	104%	3.7	53%	