

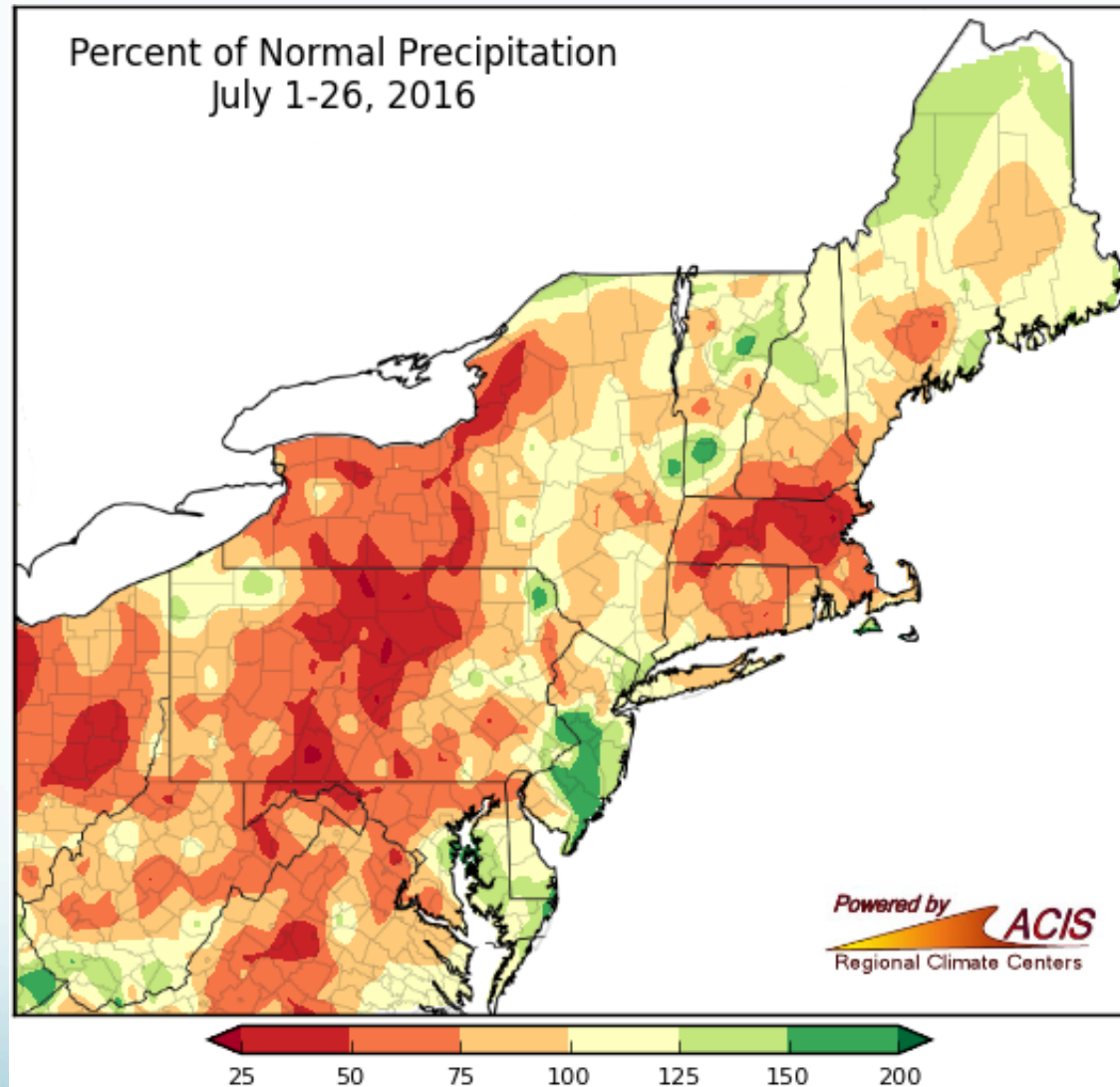
July Conditions

By: Samantha Borisoff, Climatologist



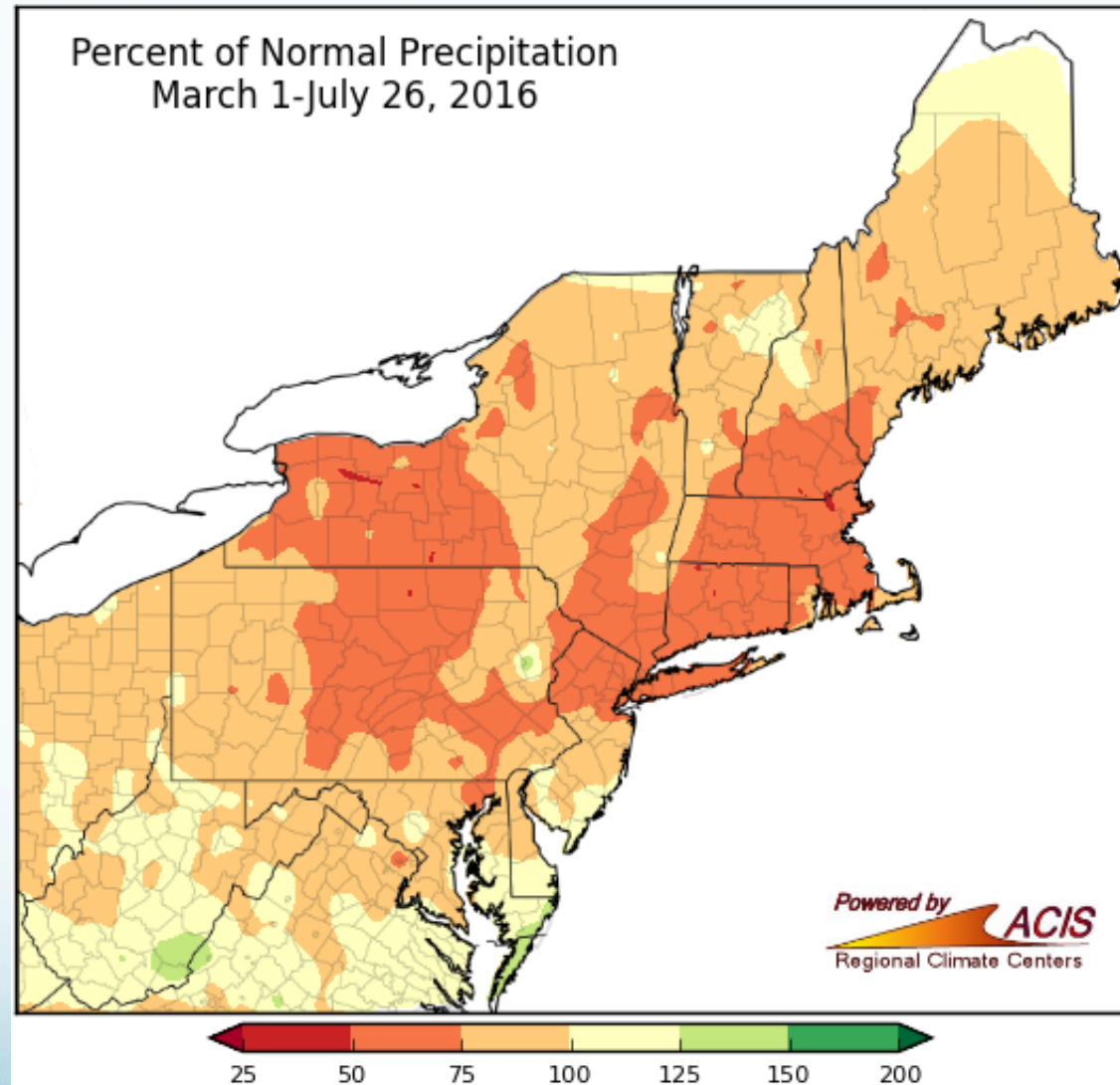
Northeast Regional Climate Center

July Precipitation



From 25% of normal to 200% of normal

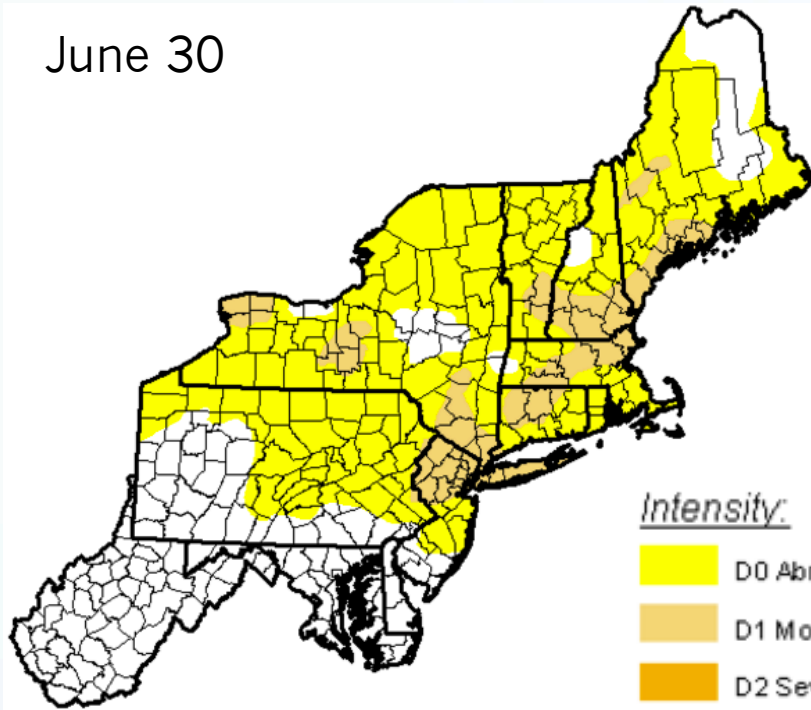
March-July Precipitation



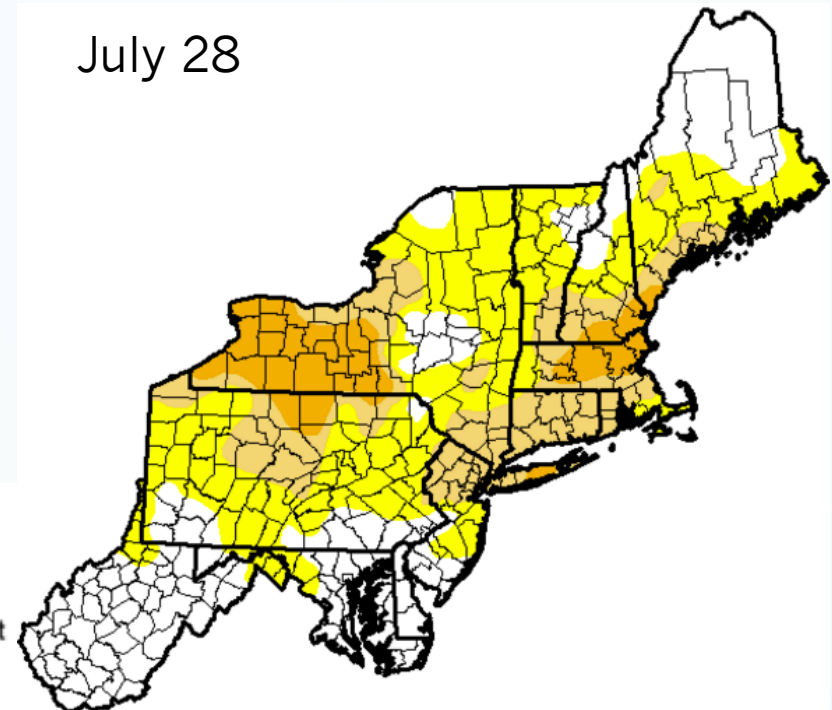
From 50% of normal to 125% of normal

Drought Monitor

June 30



July 28

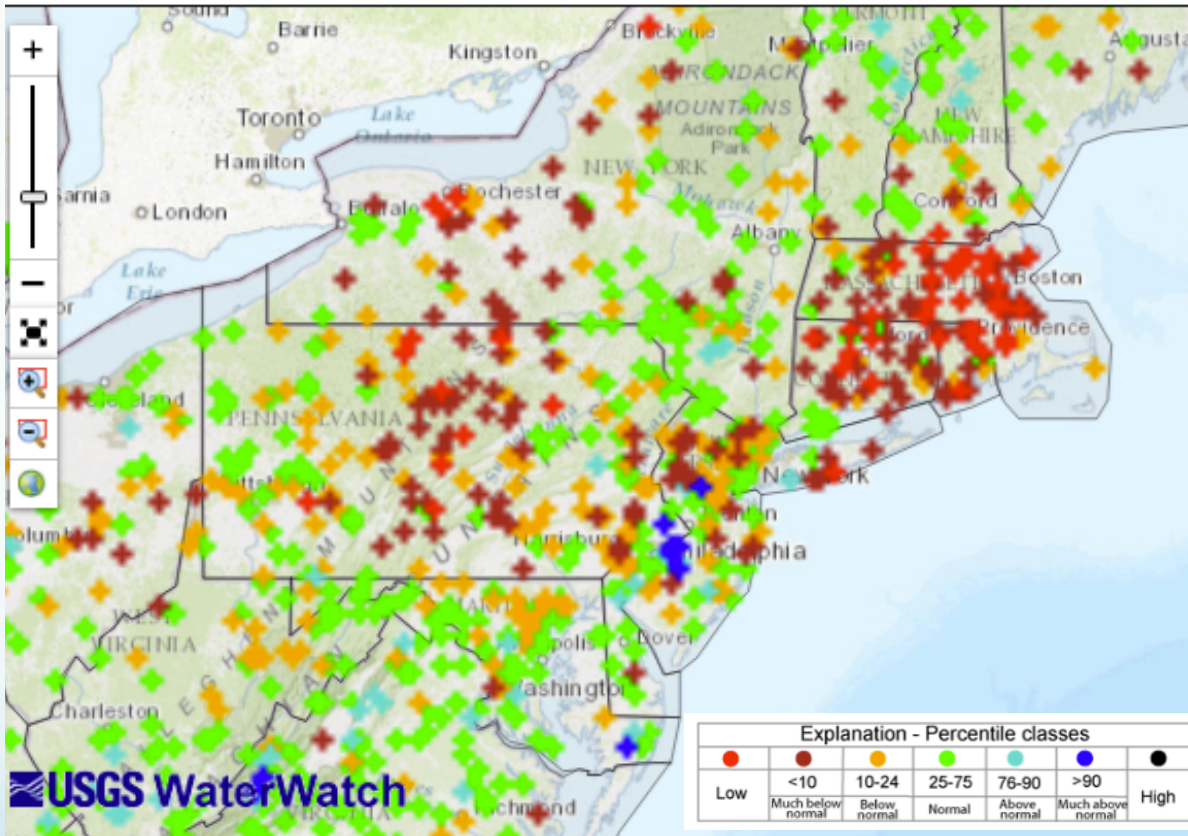


Late June:
12% of the region in moderate
drought

Late July:
29% of the region in moderate or
severe drought

Drought Impacts

Tuesday, July 26, 2016



- Below normal streamflow
 - Some at record and near record lows
- Some reservoirs lower than average
- Groundwater below normal
 - Some wells running dry

Drought Impacts



- Agriculture:
 - Dry soil
 - Slow growth
 - Stressed crops
 - Crop losses
- Fire:
 - Increased fire activity in some areas
 - Burn bans enacted



Burn Bans

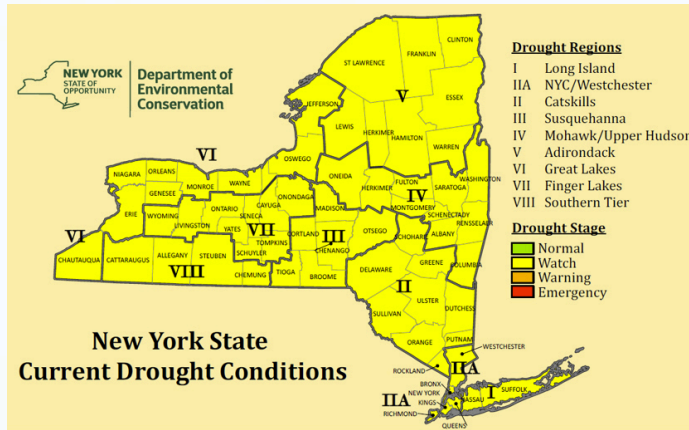
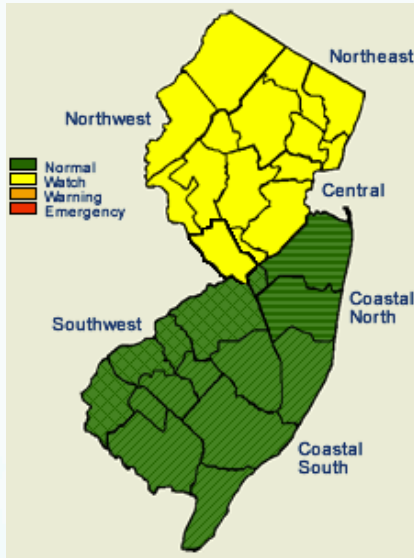
Clearfield County has enacted a thirty day burn ban effective 7/26/16 to 8/26/16.

Jefferson County has enacted a thirty day burn ban effective 7/28/16 to 8/28/16.

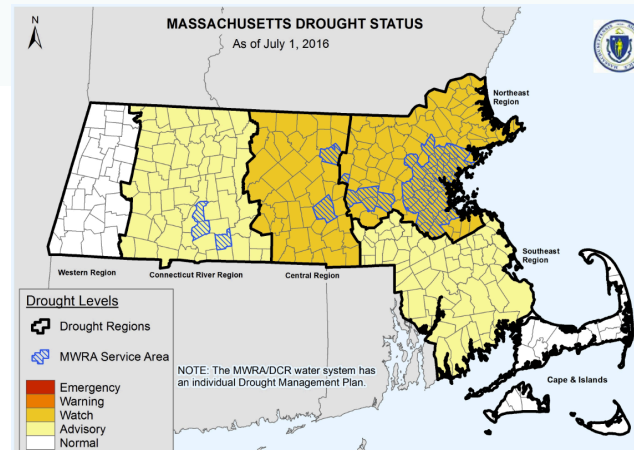
The Forest Fire Danger Level for Wednesday, July 27, 2016 is HIGH

Connecticut

Drought Advisory/Watch

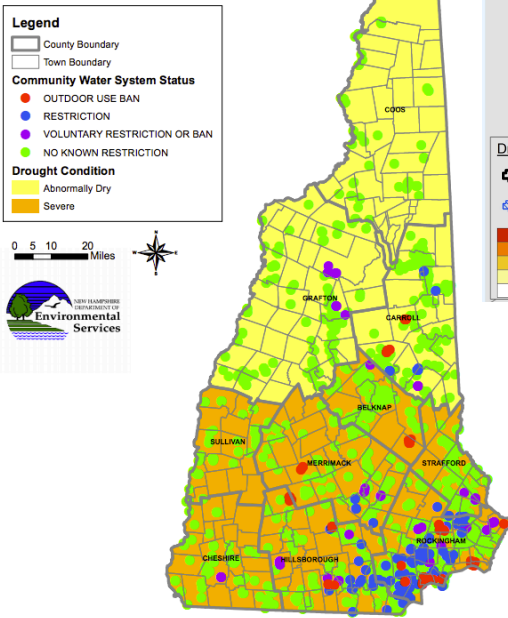


- Drought Advisory:
 - Connecticut
 - Mass. – southeastern and Connecticut River Valley



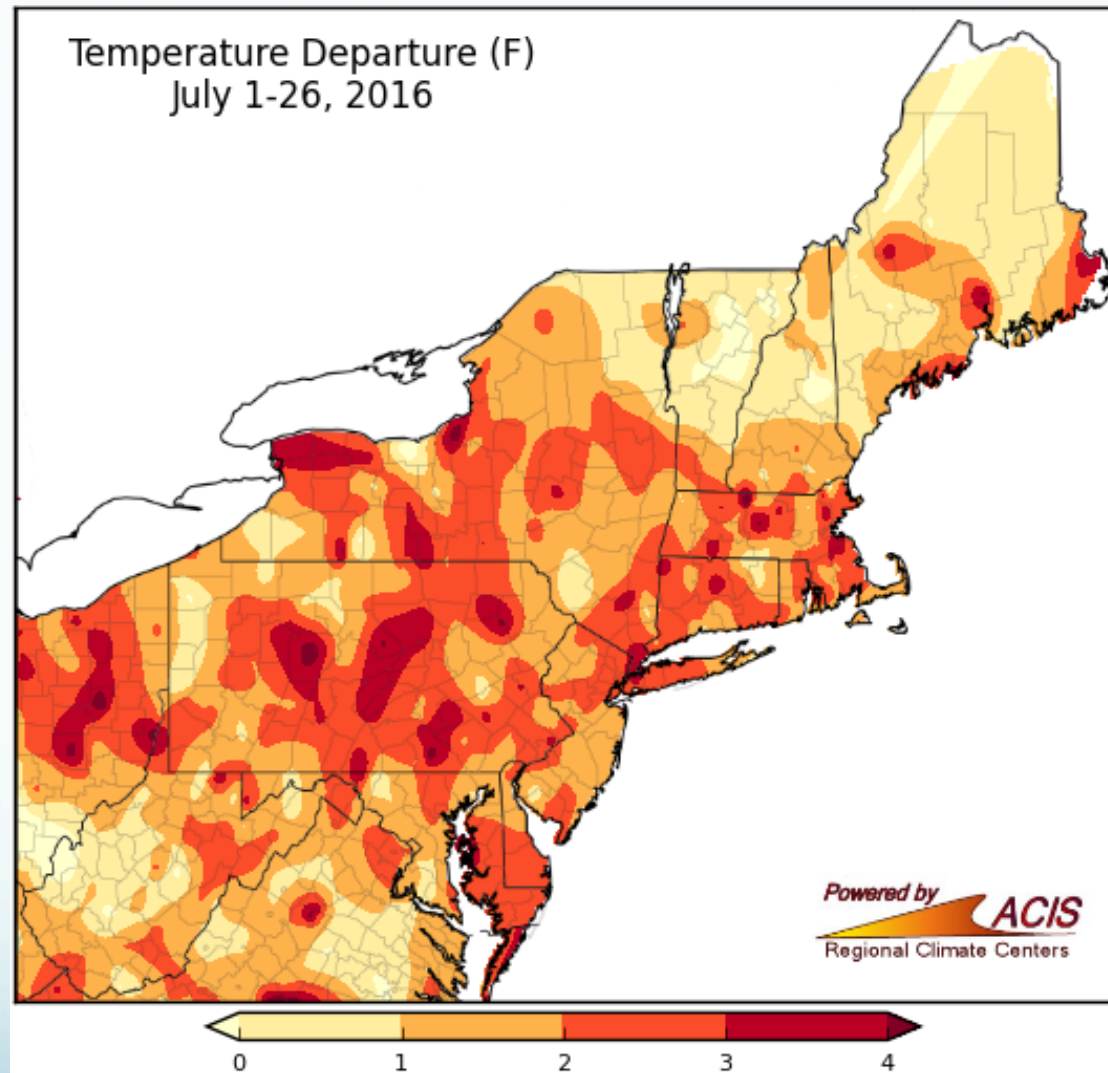
- Drought Watch:
 - New York
 - Northern New Jersey
 - Mass. – central and northeastern

Known Water Use Restrictions and Bans
Last Update: July 26, 2016



- Water conservation & voluntary/mandatory restrictions

July Temperatures



From near normal to 4°F above normal

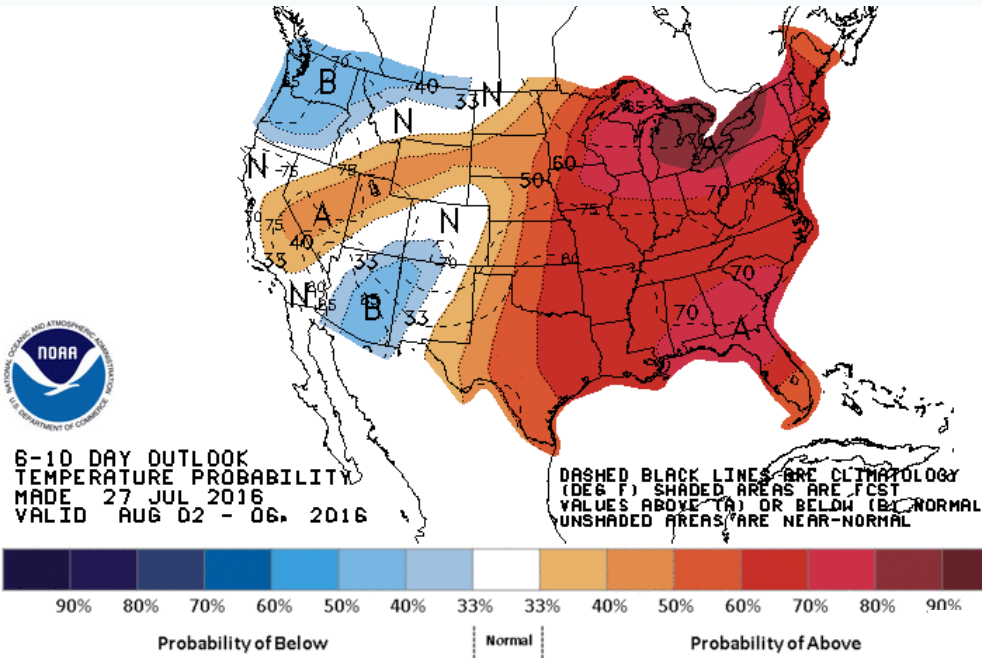
July Temperatures

Area	Mean # of 90°F days in July	# of 90°F days July 1-25, 2016
Albany, NY	4	5
Allentown, PA	7	12
Atlantic City, NJ	9	10
Baltimore, MD	12	15
Beckley, WV	1	1
Binghamton, NY	1	2
Boston, MA	6	10
Bridgeport, CT	4	6
Buffalo, NY	2	2
Burlington, VT	3	4
Caribou, ME	1	0
Central Park, NY	7	8
Charleston, WV	8	7
Concord, NH	4	7
Elkins, WV	2	3
Erie, PA	2	1
Harrisburg, PA	9	12
Hartford, CT	7	12
Huntington, WV	9	9
Islip, NY	3	5
Kennedy Airport, NY	5	6
LaGuardia Airport, NY	8	12
Newark, NJ	10	13
Philadelphia, PA	11	12
Pittsburgh, PA	4	5
Portland, ME	2	2
Providence, RI	5	7
Rochester, NY	3	8
Scranton, PA	4	11
Syracuse, NY	4	4
Washington Dulles, DC	12	16
Washington National, DC	14	17
Williamsport, PA	6	11
Wilmington, DE	9	12
Worcester, MA	2	2

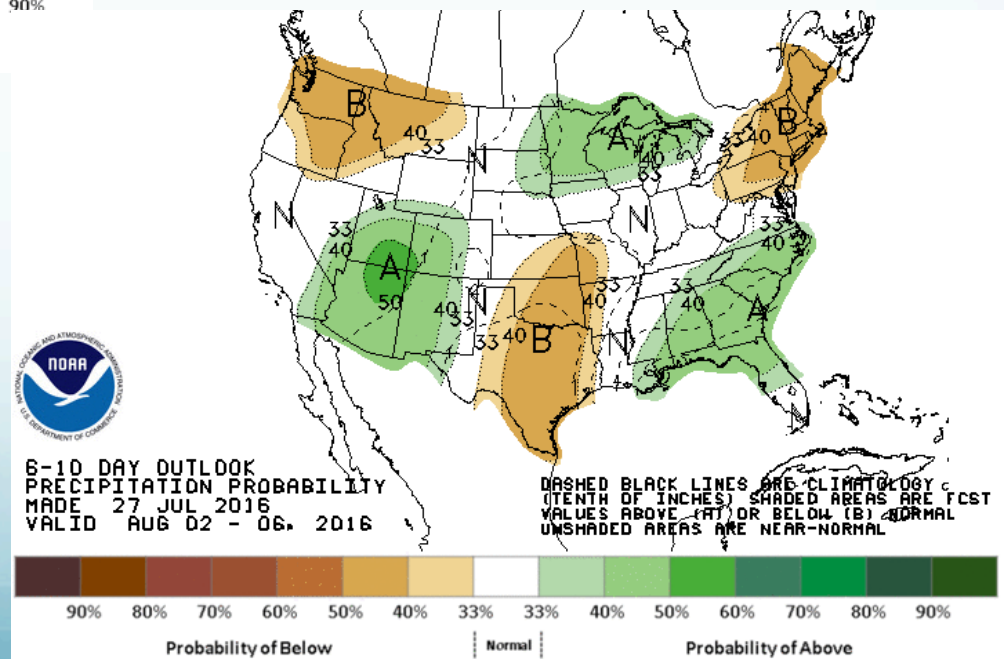
*mean based on 1981-2010

- 26 sites with an above average number of days with a high of at least 90°F this July
- 3 Baltimore-Washington D.C. sites hit 100°F for first time since July 2012

Outlooks



CPC 6-10 day outlook calls for increased chance of above-normal temps and below-normal precip



Contact Information

- sg58@cornell.edu or nrcc@cornell.edu
- 607-255-1751

Upcoming Webinars

- Tuesday, August 30 at 9:30 am
- Thursday, September 29 at 9:30 am
- Thursday, October 27 at 9:30 am

www.nrcc.cornell.edu