

Mobile District River System Status for September 17, 2015

Weather Update

The seven (7) day Quantitative Precipitation Forecast (QPF), shown in Figure 1, indicates light precipitation for Mississippi, Alabama and Georgia with the exception of the northern portion of Georgia, where precipitation totals up to 2.2" are forecasted. Figure 2 shows the U.S. Drought Monitor as of 09/15/2015. Figure 3 shows the 30 year normal precipitation for the month of September. For the southeast, it indicates a range of 3.2-5 inches for the month. Figure 4 shows the previous 7 days of observed precipitation over the southeast with totals up to 0.5" over most of the region and as much as 2.5" along the southern portion of Georgia. Figure 6 shows a range of 50% below normal probability of precipitation in the northwestern portion of the region to 50% above normal probability of precipitation in the southeast portion of the region for the southeast over the next 6-10 days.

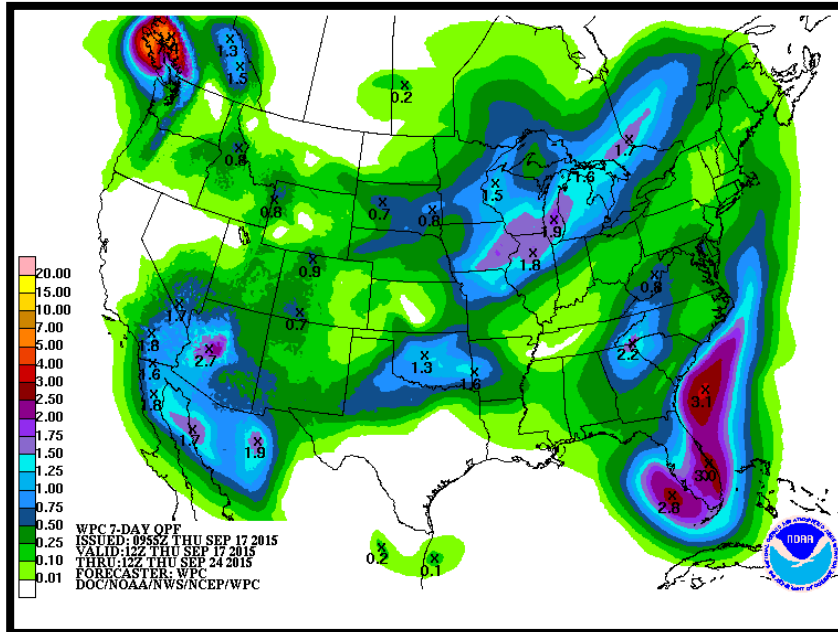


Figure 1: 7 Day Precipitation Outlook

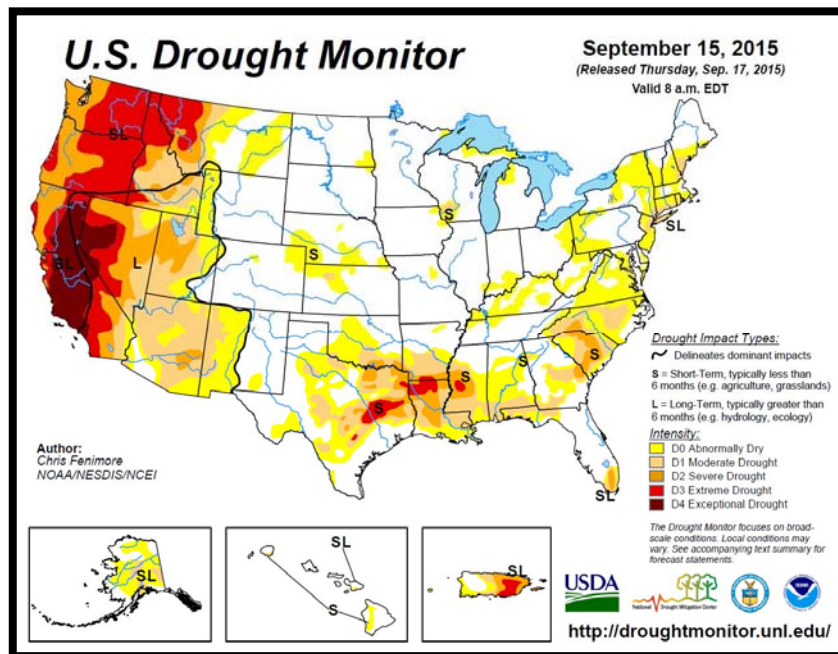


Figure 2: U.S. Drought Monitor as of 9/15/2015

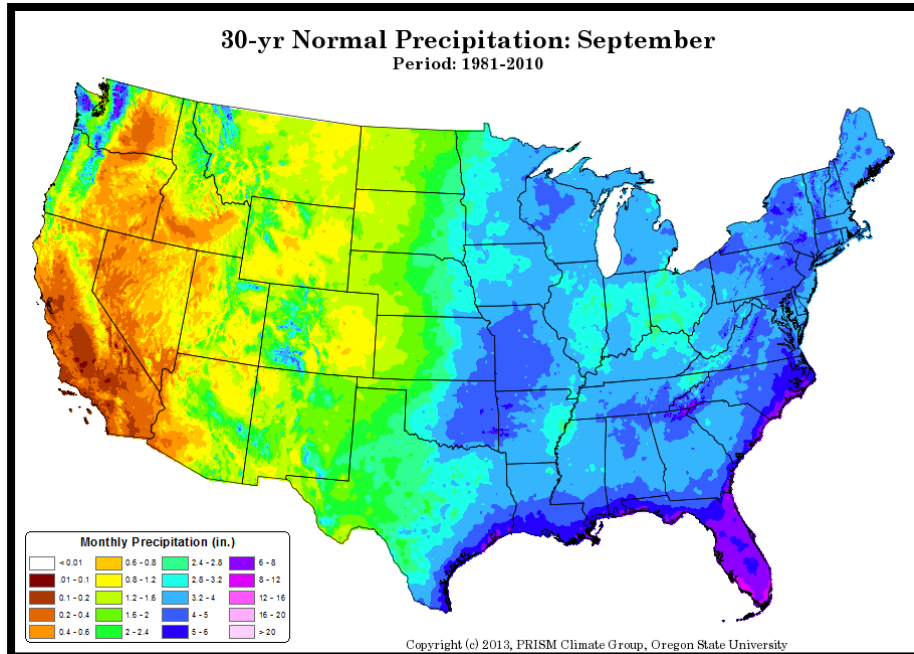


Figure 3: 30-yr Normal Precipitation for September

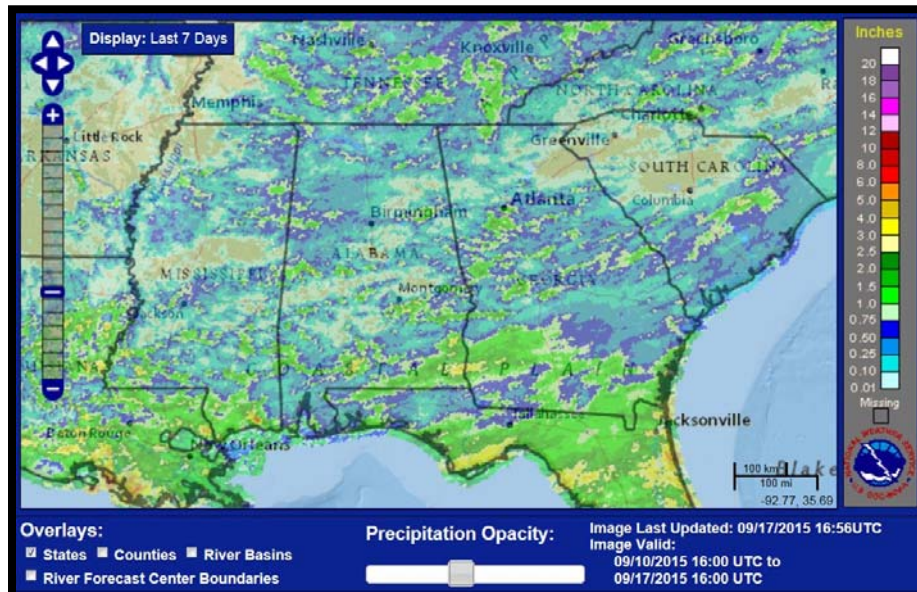


Figure 4: Observed Precipitation 9/04/2015 – 09/17/2015

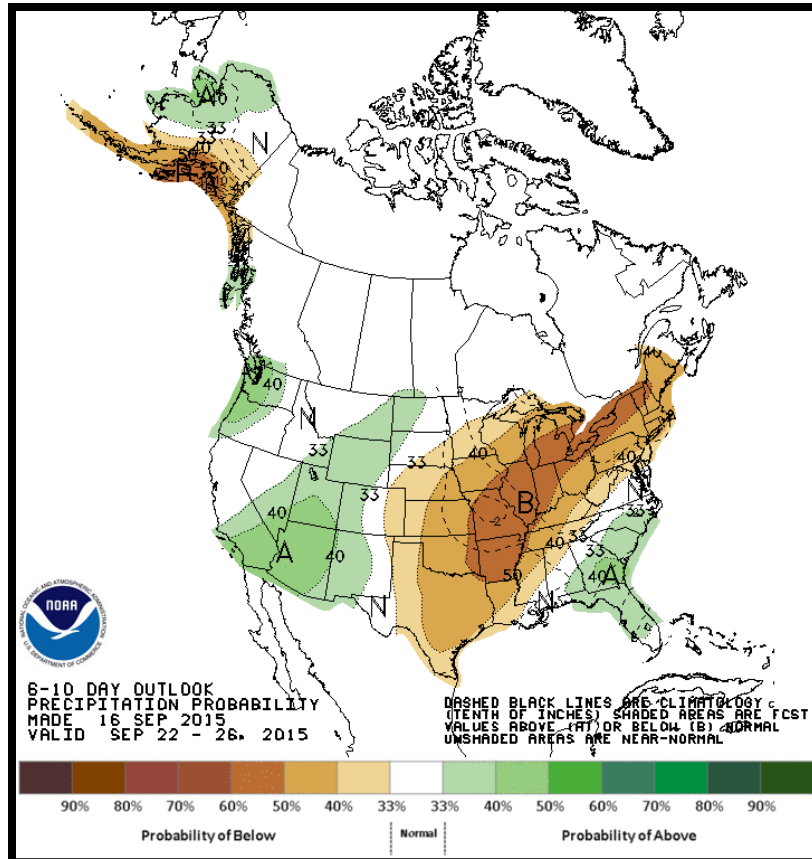


Figure 5: Precipitation Probability 9/22/2015 – 9/26/2015

Alabama-Coosa-Tallapoosa Basin

Table 1

ACT Projects	Current Elevation (ft)	Projected One-Week Elevation (ft)
Allatoona	838.82	837.8
Carters	1072.40	1071.5
R.F. Henry	124.97	125.0
Millers Ferry	79.79	80.0

Table 2

ACT Projects	Inflow (cfs)	Inflows (% of Average)*
Allatoona	455	55%
Carters	260	73%

*Current Daily Average Inflows as compared to Historical Daily Average Inflows by month.

Table 3

ACT Projects	Expected 7-day Average Releases (cfs)
Allatoona	1,000 (1,000 wkdy/1,000 wknd)
Carters (Rereg)	500 (500 wkdy/500 wknd)

Links to forecasts:

- Allatoona: <http://water.sam.usace.army.mil/actcharts.pdf>
- Carters: <http://water.sam.usace.army.mil/actcharts2.pdf>
- River Stages: <http://www.srh.noaa.gov/serfc/>

The current Claiborne TW reading is [7.00 ft](#).

Navigators should contact the Navigation Section at (251) 694-3708 for the latest update on dredging operations, controlling depths and river conditions. Entities wishing to move cargo on the Alabama River system should contact the Coosa-Alabama River Improvement Association (CARIA) to coordinate your shipping schedule during the low water conditions. The phone number is (334) 265-5744.

Apalachicola-Chattahoochee-Flint Basin

Table 4

ACF Projects	Current Elevation (ft)	Projected One-Week Elevation (ft)
Lanier	1067.34	1067.0
West Point	632.85	632.2
Walter F. George	187.91	188.0
Woodruff	76.78	76.6

Table 5

ACF Projects	Inflow (cfs)	Inflows (% of Average)*
Lanier	1066.78	1066.4
West Point	632.39	631.7
Walter F. George	188.39	188.5
Woodruff	76.77	76.8

*Current Daily Average Inflows as compared to Historical Daily Average Inflows by month.

Table 6

ACT Projects	Expected 7-day Average Releases (cfs)
Lanier	1,370 (1,480 wkdy/1,095 wknd)
West Point	2,653 (3,470 wkdy/610 wknd)
Walter F. George	2,440 (2,520 wkdy/2,240 wknd)
Woodruff	9,500-7,000 (range)

Links to forecasts:

- ACF: <http://water.sam.usace.army.mil/ACFcomposite.htm>
- Lake Lanier: <http://water.sam.usace.army.mil/acfcharts.pdf>
- West Point: <http://water.sam.usace.army.mil/acfcharts2.pdf>
- George: <http://water.sam.usace.army.mil/acfcharts3.pdf>
- Lake Seminole: <http://water.sam.usace.army.mil/acfcharts4.pdf>
- Blountstown: <http://water.sam.usace.army.mil/acfcharts5.pdf>

Navigation interests should contact the Corps of Engineers' Navigation Section at 251-694-3708 for the latest update on controlling depths and river conditions.

Pascagoula River Basin

Table 6

Pascagoula Projects	Current Elevation (ft)	Projected One-Week Elevation (ft)
Okatibbee	340.70	340.4

Black Warrior Tombigbee & Tenn-Tom Basins

Below Coffeeville Dam tailwater elevation is near [2.27 ft](#).

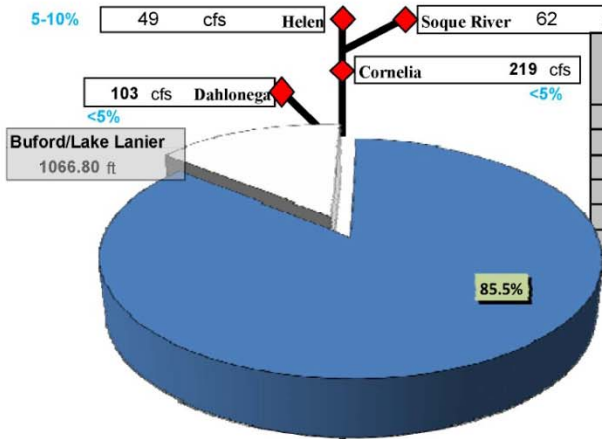
Links to forecasts:

- Alabama: http://www.srh.noaa.gov/serfc/ahps_RVFMS.php
- BWT & Tenn-Tom Rivers: http://water.sam.usace.army.mil/forecast_points.htm#bwt

Other Information and Links

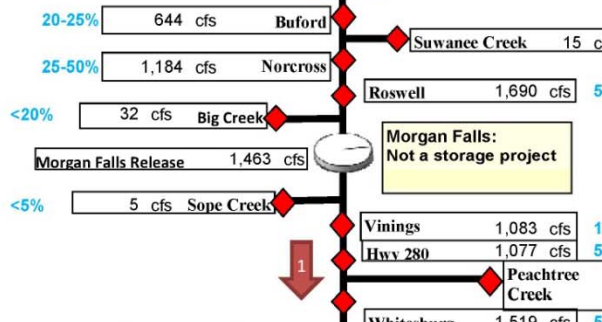
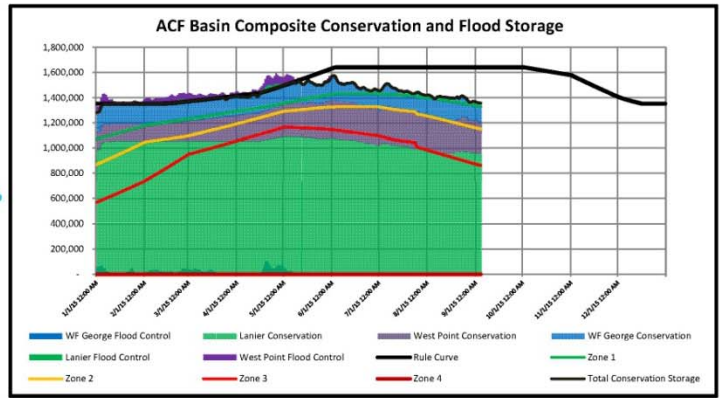
- All reservoir levels mentioned above are in feet above NGVD and flows are in cubic feet per second (cfs).
- USGS Real-Time Reservoir and Stream Levels can be accessed at this link, by selecting a specific state or geographic area: <http://waterdata.usgs.gov/nwis/rt>
- The National Weather Service River Forecast Center provides forecasts and impact levels which can be accessed at this link: <http://www.srh.noaa.gov/serfc/index.php>
- The latest weekly U.S. Drought Monitor can be accessed at: <http://droughtmonitor.unl.edu/>
- The latest navigation bulletin can be accessed via this link: <http://navigation.sam.usace.army.mil/docs/index.asp?type=nn>.
- Additional information and graphs can be accessed on the Water Management web page at: <http://water.sam.usace.army.mil/>

Apalachicola-Chattahoochee-Flint (ACF) Daily Average Flows and Midnight Lake Stages for 9/17/15 12:00 AM

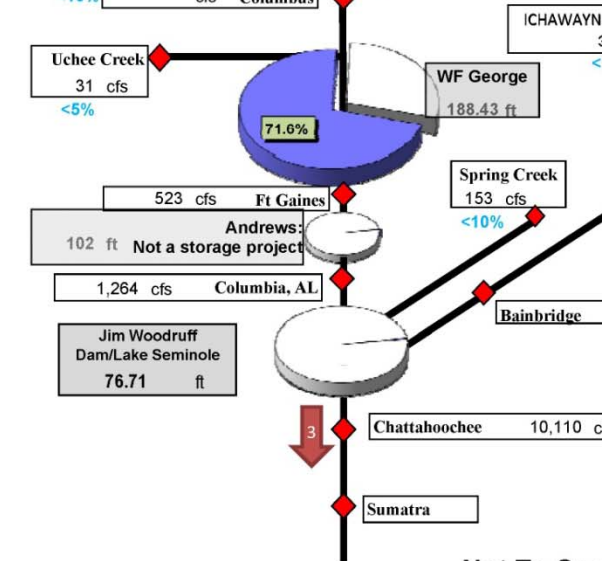
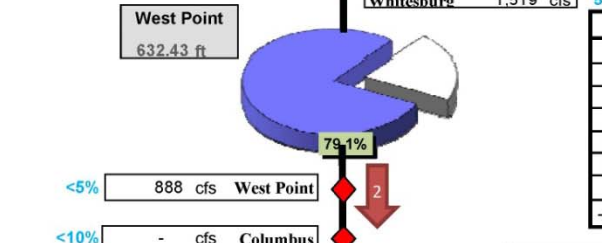


Project	Lake Level (ft)	Guide Curve (ft)	Current Cons Storage Remain (acre-ft)	FPC acft	% of Total Basin Cons Storage
Buford/Lanier	1,066.80	1,071.00	931,745	1,087,600	62.5%
Morgan Falls	865.91	---	---	2,040	0.1%
West Point	632.43	635.00	240,394	306,131	17.6%
WF George	188.43	190.00	175,416	244,400	14.0%
Jim Woodruff	76.71	---	---	100,760	5.8%
Total Basin			1,347,555	1,741,130	100.0%

FPC-Full Pool Conservation Storage



	Date	Lake Lanier	West Point	WF George	Lake Seminole
Day	09/17/15	1,066.80	632.43	188.43	76.71
-7 Day	09/10/15	1,067.20	632.40	188.09	76.53
-14 Day	09/03/15	1,067.40	632.87	187.88	76.90
-30 Day	08/18/15	1,067.60	632.92	188.51	76.38
-45 Day	08/03/15	1,067.90	634.06	188.04	76.33
-60 Day	07/19/15	1,068.80	634.81	187.73	76.60
-989 Day	01/01/13	1,058.00	628.83	188.50	76.60



Legend

- 5-10% USGS Percentile Rank for Daily Flow Statistic
- % Conservation Used
- % Conservation Remaining
- River Gage
- % Conservation Storage Remaining
- GA Power Dam
- USACE Dam
- Flow Target Location

Not To Scale