

U.S. ARMY CORPS OF ENGINEERS - SAVANNAH DISTRICT
 HOUGHLIHAN BRIDGE TO AUGUSTA LOCK AND DAM (****ml. 21 - ml. 187)

5-Feb-08

Location	Reach			Date of Survey	Authorized Project		West Qtr Min.Depth
	From	To	Length		Width	Depth	
	Mile Marker		miles		(Ft.)		
Houghlihan Bridge 21.5	21.0	25.0	4.0	14-Dec-07	90	9	11.0
	25.0	30.0	5.0	"	90	9	10.0
	30.0	35.0	5.0	"	90	9	10.0
	35.0	40.0	5.0	"	90	9	7.0
	40.0	45.0	5.0	"	90	9	5.0
Ebenezer Landing 44.8	45.0	50.0	5.0	13-Dec-07	90	9	4.0
	50.0	55.0	5.0	"	90	9	5.0
	55.0	60.0	5.0	"	90	9	4.5
Tuck Landing 62.0	60.0	65.0	5.0	"	90	9	6.0
Bostick-Stokes Landing 63.75	65.0	70.0	5.0	"	90	9	6.0
Porter's Landing 70.0	70.0	75.0	5.0	"	90	9	5.0
Hudson Ferry Landing 77.0	75.0	80.0	5.0	"	90	9	5.0
	80.0	85.0	5.0	"	90	9	6.0
Poor Robin 86.0	85.0	90.0	5.0	"	90	9	5.0
	90.0	95.0	5.0	12-Dec-07	90	9	5.0
Brier Creek 97.0	95.0	100.0	5.0	"	90	9	6.0
Cohen's Bluff 104.0	100.0	105.0	5.0	"	90	9	5.5
Tuckahoe Landing 107.0	105.0	110.0	5.0	"	90	9	5.5
Tucker Camp Landing 114.0	110.0	115.0	5.0	"	90	9	6.0
Burton's Ferry 119.0	115.0	120.0	5.0	"	90	9	6.0
Johnson's Landing 124.0	120.0	125.0	5.0	29-Nov-07	90	9	6.0
	125.0	130.0	5.0	"	90	9	5.0
Little Hell Landing 135.0	130.0	135.0	5.0	"	90	9	5.0
	135.0	140.0	5.0	28-Nov-07	90	9	4.0
Steele Creek Landing 141.0	140.0	145.0	5.0	"	90	9	5.0
Brigham's Landing 144.0							
Vogtle Point Landing 149.0	145.0	150.0	5.0	"	90	9	5.5
Hancock Landing 151.6	150.0	155.0	5.0	"	90	9	5.5

Savannah River Below Augusta
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Location	Reach			Date of Survey	Authorized Project		
	From	To	Length		Width	Depth	
Landings	Mile Marker		miles		(Ft.)		
Hancock Landing 151.6	150.0	155.0	5.0	28-Nov-07	90	9	5.5
	155.0	160.0	5.0	"	90	9	5.0
Shell Bluff Landing 161.8	160.0	165.0	5.0	"	90	9	6.0
Gray's Landing 169.0	165.0	170.0	5.0	27-Nov-07	90	9	6.0
Silver Bluff Landing 174.0	170.0	175.0	5.0	"	90	9	6.0
	175.0	180.0	5.0	"	90	9	6.0
	180.0	185.0	5.0	"	90	9	6.5
Savh Bluff Lock and Dam Mile 187.00	185.0	187.0	5.0	"	90	9	6.5

**Savannah River Below Augusta
 Hydrologic Conditions Summary**

Depths were measured between Houlihan Bridge (River Mile 21.5) and the New Savannah Bluff Lock and Dam (River Mile 187) between 27 Nov 2007 and 14 Dec 2007. The Savannah River Basin was experiencing a persistent drought during this time which set new record low streamflows on several headwater gages. In the Savannah River below Augusta, all mainstem gages were below 10th percentile flow. Below is a table of average flow during the measurement period:

Table 1. Summary of SRBA flow for 27Nov – 14 December 2007

Gage Location	Observed Mean Flow (cfs)	Median Flow (cfs)
Augusta	3910	6300
Waynesboro	4460	6000
Millhaven	4160	7000
Clyo	4400	8000

* Provisional data subject to revision by the United States Geological Survey

Extreme drought has resulted in reduced baseflow from tributaries. The Savannah District reservoir system is in drought trigger level 2 with a daily average minimum release target of 3600 cfs from Thurmond Dam. Navigational use at these river stages is significantly impacted and potentially hazardous for deeper draft vessels.