

STRUCTURE OPERATIONS SECTION HYDROLOGIC REPORT

April 17, 2015

STRUCTURE	ELEVATION NGVD 29	ELEVATION DIFFERENCE	CURRENT LEVEL NGVD 29	POSITION OF STRUCTURE	STRUCTURE	ELEVATION NGVD 29	ELEVATION DIFFERENCE	CURRENT LEVEL NGVD 29	POSITION OF STRUCTURE
FLINT CREEK			36.10		FLORAL CITY POOL			40.61	
HIGH LEVEL	37.00	-0.90		Gates Open 6"	HIGH GUIDE LEVEL	41.80	-1.19		Leslie Heifner Fully Closed
MAXIMUM DESIRABLE	36.50	-0.40		All drop gates: 36.00' MSL	HIGH MIN LEVEL	41.20	-0.59		Floral City Fully Closed
LOW LEVEL	34.50	1.60	invert 32.9'		MIN LAKE LEVEL	39.80	0.81	Golf Course	Golf Course Gates Closed
					LOW GUIDE LEVEL	39.60	1.01	invert 38.0'	Moccasin Slough Closed
KELL			65.60		INVERNESS POOL			39.56	
HIGH LEVEL	66.00	-0.40		Fully Open	HIGH GUIDE LEVEL	40.30	-0.74		Brogden Bridge Gates Closed
MAXIMUM DESIRABLE	65.50	0.10			HIGH MIN LEVEL	40.10	-0.54	Brogden Bridge	Brogden Culvert 36" log Installed
LOW LEVEL	63.50	2.10	invert 64.66'		MIN LAKE LEVEL	38.70	0.86	invert 34.25'	Bryant Slough Gates Closed
					LOW GUIDE LEVEL	37.80	1.76		
KEENE			61.78	Keene 1: 12" Log in place Keene 2: Fully Open Keene 3: Fully Open Sherry Brook: 12" log in place	HERNANDO POOL			38.15	
HIGH LEVEL	63.00	-1.22			HIGH GUIDE LEVEL	39.00	-0.85		Van Ness Closed
MAXIMUM DESIRABLE	62.50	-0.72	1-invert 61.6'		HIGH MIN LEVEL	38.70	-0.55	S-353	S-353 Closed
LOW LEVEL	60.50	1.28	2-invert 61.6'		MIN LAKE LEVEL	37.30	0.85	invert 36.5'	
					LOW GUIDE LEVEL	35.90	2.25		
STEMPER			60.78	8" Log in place	Two Mile Prairie (max)	35.00	-4.79	30.21	
HIGH GUIDE LEVEL	61.20	-0.42							
HIGH MIN LEVEL	60.80	-0.02							
MIN LAKE LEVEL	59.40	1.38	invert 60.25'						
LOW GUIDE LEVEL	59.10	1.68							
HANNA			60.57	Fully Open	LESLIE HEIFNER			40.00	Upstream (RIVER level)
HIGH LEVEL	62.50	-1.93			UPSTREAM			40.61	Downstream (POOL level)
MAXIMUM DESIRABLE	61.75	-1.18			DOWNSTREAM			invert 35.0'	Gate Fully Closed
LOW LEVEL	59.50	1.07	invert 60.28'						
CYPRESS CREEK	Flood Stage				WYSONG-COUGLER			39.39	
WORTHINGTON GARDENS	8.00	-3.65	4.35	Drop Gate Open 3.0'	UPSTREAM	39.50	-0.11		Total cfs 422
					DOWNSTREAM				
SAWGRASS LAKE			3.94	Gate 1 Fully Open Gate 2 Fully Open Gate 3 Closed	INGLIS			27.62	
HIGH LEVEL	5.00	-1.06			HIGH LEVEL	28.00	-0.38		By-pass Gates Open 3.5'
LOW LEVEL	3.80	0.14			MAXIMUM DESIRABLE	27.50	0.12		Main Gates Closed
					LOW LEVEL	26.50	1.12	invert 11.3'	1240 Total Flow cfs
TARPON (S551)			3.10	Gates Closed Drop Gates at 3.2'	LAKE BRADLEY			40.29	Gate Closed
HIGH LEVEL	3.80	-0.70			MAXIMUM DESIRABLE	42.50	-2.21		
MAXIMUM DESIRABLE	3.20	-0.10							
LOW LEVEL	2.20	0.90			LAKE CONSUELLA			39.90	Fully Open
					MAXIMUM DESIRABLE	41.50	-1.60		
ANNE PARKER			46.59	24" log in place	MEDARD RESERVOIR			58.88	Gate Closed
HIGH LEVEL	48.75	-2.16			MAXIMUM DESIRABLE	60.00	-1.12		
MAXIMUM DESIRABLE	48.25	-1.66							
LOW LEVEL	45.75	0.84	invert 46.40'		HANCOCK (P11)			98.71	Main Gates Closed Weir Gates at 98.57'
					HIGH LEVEL	99.00	-0.29		
WHITE TROUT			35.42	18" log in place	MAXIMUM DESIRABLE	98.50	0.21		
HIGH LEVEL	36.50	-1.08			LOW LEVEL	96.00	2.71		
MAXIMUM DESIRABLE	36.00	-0.58							
LOW LEVEL	34.00	1.42	invert 32.94'		HENRY (P5)			125.76	Gate Closed
					HIGH LEVEL	126.50	-0.74		
KEYSTONE			41.61	Lift Gates Closed	MAXIMUM DESIRABLE	126.00	-0.24		
HIGH LEVEL	42.00	-0.39			LOW LEVEL	124.00	1.76	invert 122.0'	
MAXIMUM DESIRABLE	41.75	-0.14							
LOW LEVEL	39.75	1.86	invert 37.2'		SMART (P6)			128.45	Gate Closed
					HIGH LEVEL	128.75	-0.30		
CRESCENT			41.64	Gate Closed	MAXIMUM DESIRABLE	128.50	-0.05		
HIGH GUIDE LEVEL	41.90	-0.26			LOW LEVEL	126.50	1.95	invert 127.2'	
HIGH MIN LEVEL	41.30	0.34							
MIN LAKE LEVEL	40.30	1.34	invert 38.5'		FANNIE (P7)			125.50	Gates Closed
LOW GUIDE LEVEL	39.80	1.84			HIGH LEVEL	125.75	-0.25		
					MAXIMUM DESIRABLE	125.50	0.00		
ISLAND FORD			40.73	Gates Closed	LOW LEVEL	123.50	2.00	invert 119.5'	
HIGH LEVEL	41.50	-0.77							
MAXIMUM DESIRABLE	41.00	-0.27	invert 35.0'		HAMILTON (P8)			120.94	Gates Closed
LOW LEVEL	39.00	1.73	crest 41.25'		HIGH LEVEL	121.50	-0.56		
					MAXIMUM DESIRABLE	121.25	-0.31		
PRETTY			44.02	Drop Gates 1 and 4 Open 0.20' Lift Gates 2 and 3 Closed	LOW LEVEL	119.00	1.94	invert 113.0'	
HIGH GUIDE LEVEL	44.30	-0.28							
HIGH MIN LEVEL	43.90	0.12			LENA (P1)			136.22	Gate Closed
MIN LAKE LEVEL	42.50	1.52	invert 38.0'		HIGH LEVEL	137.00	-0.78		
LOW GUIDE LEVEL	42.20	1.82			MAXIMUM DESIRABLE	136.75	-0.53		
					LOW MANAGEMENT	134.50	1.72	invert 134.47'	
MAGDALENE			48.95	Lake gauge	JUNE-IN-WINTER (G90)			74.60	Gates Open 0.50' Overflow at 75.00' NGVD
HIGH LEVEL	50.00	-1.05	48.98	Structure gauge	HIGH GUIDE LEVEL	74.70	-0.10		
MAXIMUM DESIRABLE	49.50	-0.55			HIGH MIN LEVEL	74.50	0.10		
LOW MANAGEMENT	47.50	1.45	invert 45.6'		MIN LAKE LEVEL	74.00	0.60		
					LOW GUIDE LEVEL	73.20	1.40	invert 65.37'	
BAY			45.46	Gates Closed	ARIETTA (P3)			141.78	Gate Closed
HIGH LEVEL	46.75	-1.29			HIGH LEVEL	144.00	-2.22		
MAXIMUM DESIRABLE	46.00	-0.54			MAXIMUM DESIRABLE	142.50	-0.72		
LOW LEVEL	44.00	1.46	invert 44.0'		LOW LEVEL	141.00	0.78	invert 137.4'	
ELLEN-LIPSEY			40.63	Structure Gauge	GIBSON			142.38	Gate Closed
HIGH LEVEL	41.50	-0.87			HIGH LEVEL	143.50	-1.12		
MAXIMUM DESIRABLE	41.00	-0.37			MAXIMUM DESIRABLE	143.00	-0.62		
LOW LEVEL	39.00	1.63	invert 37.6'		Low Level	141.50	0.88	invert 141.4'	Stop log bays at 142.64' crest
CARROLL			36.26	24" of stop log installed	PARKER			130.39	Gate Closed
HIGH GUIDE LEVEL	36.80	-0.54			HIGH LEVEL	131.00	-0.61		
HIGH MIN LEVEL	36.80	-0.54			MAXIMUM DESIRABLE	130.75	-0.36		
MIN LAKE LEVEL	35.40	0.86	invert 34.17'		LOW LEVEL	128.75	1.64	invert 129.15'	
LOW GUIDE LEVEL	33.90	2.36							
ARMISTEAD			41.48	Gate Closed	PEACE RIVER	Flood Stage			
HIGH LEVEL	44.00	-2.52			BARTOW	8.00	-4.00	4.00	
MAXIMUM DESIRABLE	43.00	-1.52			ZOLFO SPRINGS	16.00	-9.85	6.15	
LOW LEVEL	40.50	0.98			ARCADIA	11.00	-8.32	2.68	
HILLSBOROUGH RIVER	Flood Stage			S-155 Open	LITTLE MANATEE RIVER	Flood Stage			
MORRIS BRIDGE	32.00	-5.89	26.11		WIMAUMA	11.00	-7.10	3.90	
FOWLER	29.00	-6.18	22.82						
					ALAFIA RIVER	Flood Stage			
WITHLACOCHEE R.	Flood Stage				LITHIA	13.00	-9.12	3.88	
TRILBY	61.27	-10.57	50.70						
CROOM	47.94	-5.97	41.97		MYAKKA RIVER	Flood Stage			
HIGHWAY .48			40.00		MYAKKA STATE PARK	7.00	-3.02	3.98	
LAKE PANASOFFKEE	40.70	-0.92	39.78						
HOLDER	35.52	-5.94	29.58		MANATEE RIVER	Flood Stage			
					MYAKKA HEAD	11.00	-7.84	3.16	
ANCLOTE RIVER	Flood Stage								
ELFERS	20.00	-9.95	10.05						

District Structure Sites

