

SUMMARY SHEET - HCFC D HIGH WATER MARKS

9/19/2017

CLEAR CREEK A100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS														
								6/20/73	CLAUDETTE 7/25/79	9/20/79	5/3/81	ALICIA 8/18/83	CHANTAL 8/1/89	10/18/94	ALLISON 6/5/01	6/9/01	10/16/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	HARVEY 8/27/17	
2ND OUTLET	100	7.69	-0.6	5.8*	9.9*	11.6*	15.0*											3.0	11.4	3.8	6.0	
NASA RD 1 (Taylor Lake)	200	11.21	-0.6	6.0*	9.9*	11.6*	15.0*										3.5	3.4	10.0	4.5	8.3	
LAKE NASSAU	170	7.51	-0.8	6.8*	10.1*	11.7*	15.0*												11.1	4.8	10.0	
ST HWY 3		14.44	-0.4	7.8*	10.6*	12.0*	15.0*		12.7	8.5		8.4		7.4	1.7(?)	4.3(?)	6.0	3.7	14.8	N/A	13.1	
IH 45	110	15.79	-0.4	9.5*	11.6*	12.4*	15.2*	10.2	16.9	9.9	5.0	8.2		6.9	7.4	10.7	7.4	3.6	11.0	9.5	16.6	
BAY AREA BLVD	130	22.81	-0.5	13.8*	16.3*	17.2*	20.1*										10.5		15.2	11.5	21.1	
FM 528	120	23.89	-0.6	17.5*	20.1*	21.0*	23.1*	16.9		18.5	13.8	14.3	18.7	16.0	(?)	18.2	15.4	7.2		14.8	24.2	
FM 2351	135	26.66	-0.5	22.4	25.0	25.9	27.8	23.8	21.3	24.3	21.5	20.7	23.3	23.2	22.1	24.9	20.0	16.4	18.6	20.6	27.7	
DIXIE FARM RD (FM 1959)		36.46	-0.5	28.6	29.9	30.3	31.5			30.2		30.0	31.4	32.2	26.8	27.9	30.5		29.3	29.6	35.6	
COUNTRY CLUB DR	150	37.22	-0.8	36.4	38.3	39.1	40.8										35.7	32.4	33.9	34.1	40.3	
TELEPHONE RD		48.46	-1.3	43.5	43.9	44.3	45.0	42.5	43.6	42.0		43.2	42.9	44.6	43.2	43.2	42.5	39.7	41.3	42.0	47.8	
MYKAWA	180	48.50	-1.3	44.1	45.0	45.7	46.9	44.8	45.7	44.1				46.3	44.0	44.7	43.3	38.8	41.8	42.2	47.9	
CULLEN (FM 865)		55.15	-1.5	50.4	50.5	50.7	51.3	50.6	50.7	49.9				50.8	49.1	50.8	49.8	44.1	47.8	49.2	52.8	
S.H. 288	190	57.36	-1.6	54.2	54.9	55.3	55.7							54.8	53.0	54.0	55.8	48.0	53.2	53.7	56.3	
Brazoria Co. Tributaries																						
Chigger @ Windsong	125	26.11	-0.5																25.9	30.3	31.8	
Coward @ Baker Rd	115	28.53	0.1																28.5	29.0	30.8	
Mary's @ Melodywood	105	27.47	-0.5														26.0		25.9	27.2	30.5	

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

¹ = Suspect elevation, low confidence in field

(?) = Survey Dept research needed to confirm elevation

* = Combined Probability (includes storm surge and rainfall)

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFC D assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

TURKEY CREEK A119-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								CLAUDETTE 7/25/79	9/20/79	5/3/81	ALICIA 8/18/83	10/18/94	ALLISON 06/09/01	10/16/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	HARVEY 8/27/17					
BEAMER RD		25.24	-0.4	25.4	27.6	28.5	30.0	27.4	28.1	24.8	24.9	25.0		25.4	23.8	24.5	24.0	30.3					
DIXIE FARM RD(FM 1959)	140	29.92	-0.8	27.3	28.6	29.1	29.6	28.9	28.8	26.2		28.3	29.5	28.4	27.2	24.0	28.1	31.0					
RYE WATER		29.80	-0.7	27.3	28.5	29.0	29.4	29.7	29.3		27.9	28.6		28.2	27.1	24.2	28.4	31.3					
ASTORIA		29.66	-0.4	27.6	29.0	29.7	30.5	31.2	31.1			25.8	29.0	28.6	26.9	24.3	28.3	32.2					
NYACK		30.96	-0.4	28.0	29.2	29.9	30.7	31.4	28.3		23.4			28.7	26.9	24.3	28.5	32.5					
SCARSDALE		32.78	-0.4	28.5	30.0	30.1	30.9	32.6	31.8	29.7	28.1	29.2	29.4	28.8	27.2	24.1	28.9	32.5					
GRAPE WOOD		29.12	-0.6	28.9	30.5	30.8	31.8					29.2		28.4	26.9	28.6	28.7	32.2					
HUGHES		30.83	-0.8	Outside of Study Limit						23.4	29.0	28.2	31.8	28.9		28.6	29.7	32.3					

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

BEAMER DITCH A120-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								CLAUDETTE 7/25/79	9/20/79	5/3/81	ALICIA 8/18/83	10/18/94	6/5/01	6/9/01	10/16/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	HARVEY 8/27/17				
DIXIE FARM RD(FM 1959)		31.89	-0.6	27.5	29.1	30.3	31.0	28.0	27.7	26.9	26.1	28.8	27.4	29.4	28.5		25.7	27.4	29.1				
SCARSDALE		34.20	-0.8	28.3	30.3	31.0	32.1				27.2	30.5	31.4	31.6	31.1	27.1	28.6	30.6	31.1				
SAGEDOWNE		32.04	-0.8	29.5	31.4	32.1	33.1	32.4					31.3	32.3	30.6	27.7	29.5	30.7	31.9				
HUGHES	160	32.24	-0.7	29.8	31.9	32.6	33.5		32.3	31.2		31.3	31.7	33.1	30.7	27.5	30.2	31.6	33.2				
HALL RD		32.26	-0.6	31.1	33.1	33.7	34.7		34.1	33.9	25.4	30.7	32.5	33.6	29.8	31.1		29.9	33.3				
KIRKFAIR		32.79	-0.6	31.9	33.2	33.8	34.8	34.2				31.8	33.8	34.4	31.6	32.0	31.0	32.4	35.0				
RADIO RD		43.54	-0.7	Outside of Study Limit				39.7	41.6		37.1	35.2	38.3	40.8	36.9	38.2	36.7	39.0	42.1				
MOERS RD		44.65	-0.8	Outside of Study Limit				40.7	39.6		32.2	37.7	39.1	41.2		39.0	39.3	39.9	43.2				

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

ARMAND BAYOU B100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS														
								CLAUDETTE 7/25/79	9/20/79	CHANTAL 8/1/89	ALLISON 6/9/01	6/19/06	10/16/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	HARVEY 8/27/17					
NASA RD #1	210	11.75	-0.6	5.0*	9.9*	11.5*	15.0*	8.4			4.7				9.3		8.3					
CLEAR LAKE PARK		14.75	-0.6	5.0*	9.9*	11.5*	15.0*					1.9			9.3	4.7	9.0					
BAY AREA BLVD		12.21	-0.3	7.5*	10.5*	11.5*	15.0*	10.3			8.7	4.4		3.9	9.9	5.3	9.0					
GENOA RED BLUFF	220	17.38	-0.2	16.4	17.3	18.4	19.6	12.0	17.0	15.3	16.7	14.7	14.9	15.8	16.3	15.7	19.5					
FAIRMONT PKWY		23.99	-0.1	22.4	23.6	24.0	24.8	21.2			24.8	24.0		22.2		21.4	25.0					

NOTE: ELEVATIONS ARE ON 1988 NAVD, 2001 ADJ

Note: Clear Lake Park established as HWM location in the summer of 2005

* = Combined Probability (includes storm surge and rainfall)

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
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HORSEPEN BAYOU B104-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS							
								ALLISON 6/9/01	6/19/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	5/13/15	HARVEY 8/27/17	
MIDDLEBROOK		18.47		9.6*	11.4*	12.1*	13.4*						12.1	14.0	
UNIVERSITY		N/A		10.8*	12.7*	13.4*	14.8*						12.3	14.9	
BAY AREA BLVD	250	16.63	-0.3	11.6*	13.3*	14.0*	15.7*	14.6	6.6	9.1	11.2	11.3	13.4	15.7	
ELDORADO		18.84		13.6	15.8	16.7	18.5						14.4	17.5	
PINELOCH		22.30		15.3	17.5	18.6	20.4						17.5	19.3	
CLEAR LAKE CITY BLVD		N/A		15.9	18.4	19.4	21.1						20.2	20.1	
SPACE CENTER BLVD		22.78		16.6	19.1	20.2	22.0						22.1	21.7	
HWY 3		26.24		21.7	23.6	24.5	25.8						24.7	26.1	

NOTE: ELEVATIONS ARE ON 1988 NAVD, 2001 ADJ

Note: Middlebrook, University, Eldorado, Pineloch, Clear Lake City Blvd, Space Center Blvd, and HWY 3 added as HWM locations in May 2015

* = Combined Probability (includes storm surge and rainfall)

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

BIG ISLAND SL B106-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS														
								CLAUDETTE 7/25/79	6/5/81	ALICIA 8/18/83	CHANTAL 8/1/89	ALLISON 6/9/01	6/19/06	10/16/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	HARVEY 8/27/17				
RED BLUFF		14.70	-0.1	8.6*	11.6*	12.5*	15.6*	11.9	4.3	7.3		11.4	8.9	11.0	6.7	11.0	9.2	12.9				
FAIRMONT PKWY	230	21.25	-1.0	13.4*	16.1*	17.0*	19.4*	17.0	12.4	7.5	13.6	15.8	10.9	13.6	13.3	13.1	12.9	15.5				
SPENCER HWY		21.64	-0.8	15.6	18.3	19.4	21.0	19.6	15.3	12.8		18.5	13.2	14.4	19.6	14.7	16.1	17.3				
NORTH "L" ST		24.19	-0.3	18.7	20.8	21.7	23.5	22.6		16.8		21.8	16.0	16.9	20.6	17.3	19.1	19.4				
N "P" ST		25.16	-0.4	20.0	21.6	22.5	24.4	22.3		18.7		22.8	18.6	20.1	21.7	19.4	20.1	21.0				

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001ADJ

* = Combined Probability (includes storm surge and rainfall)

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

WILLOW SP CREEK B112-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								4/73	CLAUDETTE 7/25/79	9/20/79	6/5/81	ALICIA 8/18/83	ALLISON 6/9/01	6/19/06	10/16/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	HARVEY 8/27/17				
RED BLUFF		23.50	-0.1	18.0*	19.0*	19.5*	20.9*			19.4	21.0	18.4	20.1	16.8	18.7	17.7	18.1	17.2	21.0				
FAIRMONT PKWY	270	18.91	-0.1	18.0*	19.0*	19.5*	20.9*	21.5	17.3	20.1	20.0	18.4	21.2	17.1	19.7	19.7	17.4	18.6	21.4				
SPENCER HWY		24.11	-0.1	19.3	21.0	21.7	22.9	22.3	18.8	22.8	22.3	19.0	?	18.6	20.6	20.7	17.9	20.0	22.6				
LUELLA ST		25.76	-0.1	23.2	24.8	25.4	27.4						?	23.4	23.5		22.3	24.6	27.0				
PASADENA BLVD		26.72	-0.1	Outside Study Limit					21.7		25.2		?	24.8	21.3	25.6	23.5	25.4	27.2				
CENTER ST		28.04	0.0	Outside Study Limit					27.1		24.4	26.7		24.9			N/A	26.0	28.7				

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

(?) = Survey Dept research needed to confirm elevation

* = Combined Probability (includes storm surge and rainfall)

SUMMARY SHEET - HCFC HIGH WATER MARKS

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ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS													ERIN 8/16/07	IKE 9/13/08	
								CARLA 9/11/61	6/20/73	CLAUDETTE 7/25/79	9/20/79	6/5/81	8/31/81	ALICIA 8/18/83	9/19/83	CHANTAL 8/1/89	10/18/94	(1) 3/12/97	ALLISON 6/7/01				6/9/01
ST HWY 3		27.09	-0.2	13.1	18.8	22.0	27.0	16.7		18.0	19.7	15.0		19.3			11.2		12.5	19.3	11.5		15.0
IH 45		27.54	-0.4	15.1	20.6	23.5	28.5	22.9	23.3	25.0	25.9	22.6	23.1	26.1	22.6		14.2	10.7	14.8	20.5	13.7		17.3
BROADWAY		26.34	-0.4	15.8	21.2	24.2	29.4					23.8		26.8			15.4	10.1	14.6	21.2	15.7	17.1	17.3
TELEPHONE RD	340	28.52	-0.8	18.4	23.0	25.6	30.6	25.8	25.1	27.9	28.4	24.8	26.6	28.5	Over Bridge	26.7	24.9	13.8	15.4	23.4	16.8	13.1	18.7
MYKAWA		38.76	-1.2	24.8	28.9	30.9	35.4	35.8	31.5	32.7	32.9	31.6	32.1	33.3	31.7		35.6	26.7	26.2	31.4	24.2		22.0
MARTIN LUTHER KING	360	40.53	-1.2	27.4	31.3	33.1	37.5	35.8	34.4	35.7	35.7	29.3	32.9	34.9	34.3	36.6	41.1	33.5	33.3	33.7	27.1		25.5
CULLEN BLVD		43.43	-1.2	34.2	37.0	38.4	40.4		38.5		36.9	36.1	37.5	35.6	37.5		37.8	34.0	33.7	38.0	24.6		33.7
AIRPORT BLVD		43.59	-1.2	36.5	39.3	40.4	42.5							39.7			39.9	37.0	34.8	39.3	30.0	29.3	34.1
SH 288	370	51.29	-1.7	42.0	44.9	46.1	48.0							40.6			43.2	41.5	41.1	43.5	32.3		37.7
ALMEDA RD		53.66	-1.7	47.8	49.5	50.3	52.3		47.6		46.3	40.8	45.2	43.6	45.3		46.3	46.3		49.4	33.5		44.6
BUFFALO SPDWY		52.02	-1.7	49.2	51.4	52.5	53.8		50.8					47.2			49.2	47.5	48.9	50.7	36.2		46.2
WHITE HEATHER		53.03	-1.7	49.9	52.0	53.0	54.4		50.4					47.3			49.9	45.5		52.5	31.0		46.3
HIRAM CLARKE	380	53.26	-1.9	50.6	52.8	53.8	55.3				49.2	44.5	51.0	49.1	50.7	50.5	50.6	47.4	49.9	51.3	38.2		46.6
S. POST OAK		57.99	-1.9	52.0	54.3	55.3	57.0		51.5		53.5	52.3		48.2			51.9	47.7	52.1	53.5	44.6		49.0
Sims Bayou Tributaries																							
C106 @ ALLENDALE		24.07	-0.4	16.5	20.3	22.1	25.3														16.4	15.9	
C106 @ FOREST OAKS	320	25.27	-0.4	17.6	21.6	23.4	26.2										17.6	3.0			19.1	24.0	18.2
C106 @ TEXAS		28.21	-0.4	24.4	27.4	28.9	31.0														22.7	26.7	
C106 @ NEVEDA	310	30.65	-0.7	27.4	29.8	30.9	31.9														26.9	25.0	27.4
C106 @ EDGEBROOK		30.75	-0.3	30.1	32.2	33.0	33.9														29.5	29.6	
C106 @ GILPIN		31.74	-0.3	30.6	32.5	33.1	34.0														30.5	23.9	
C106-01@WINKLER		32.34	-0.6	26.7	28.7	29.6	31.4														30.8	30.1	
C106-01@ MORLEY		30.52	-0.6	31.4	33.2	34.0	35.3														30.2		
C106-01@ AIRPORT		34.62	-0.6	33.4	34.1	34.6	35.8														33.2	30.6	
C106-01@ PANAIR		34.03	-0.6	33.7	34.4	34.9	36.0														31.4	33.2	

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

(1) DOWNSTREAM ELEVATIONS LISTED.

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
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SUMMARY SHEET - HCFC HIGH WATER MARKS

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ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS										
								4/18/09	HARVEY 8/27/17									
ST HWY 3		27.09	-0.2	13.1	18.8	22.0	27.0		20.7									
IH 45		27.54	-0.4	15.1	20.6	23.5	28.5		22.1									
BROADWAY		26.34	-0.4	15.8	21.2	24.2	29.4		22.3									
TELEPHONE RD	340	28.52	-0.8	18.4	23.0	25.6	30.6		26.3									
MYKAWA		38.76	-1.2	24.8	28.9	30.9	35.4		30.9									
MARTIN LUTHER KING	360	40.53	-1.2	27.4	31.3	33.1	37.5		33.6									
CULLEN BLVD		43.43	-1.2	34.2	37.0	38.4	40.4		36.0									
AIRPORT BLVD		43.59	-1.2	36.5	39.3	40.4	42.5		36.1									
SH 288	370	51.13	-1.7	42.0	44.9	46.1	48.0		38.3									
ALMEDA RD		53.73	-1.7	47.8	49.5	50.3	52.3		43.1									
BUFFALO SPDWY		53.25	-1.7	49.2	51.4	52.5	53.8		44.6									
WHITE HEATHER		53.03	-1.7	49.9	52.0	53.0	54.4		45.8									
HIRAM CLARKE	380	53.26	-1.9	50.6	52.8	53.8	55.3		46.8									
S. POST OAK		57.99	-1.9	52.0	54.3	55.3	57.0		49.8									
Sims Bayou Tributaries																		
C106 @ ALLENDALE		24.07	-0.4	16.5	20.3	22.1	25.3	15.7	23.3									
C106 @ FOREST OAKS	320	25.27	-0.4	17.6	21.6	23.4	26.2	16.4	25.4									
C106 @ TEXAS		28.21	-0.4	24.4	27.4	28.9	31.0	24.6	29.6									
C106 @ NEVEDA	310	30.65	-0.7	27.4	29.8	30.9	31.9	25.0	31.4									
C106 @ EDGEBROOK		30.75	-0.3	30.1	32.2	33.0	33.9	29.7	33.6									
C106 @ GILPIN		31.74	-0.3	30.6	32.5	33.1	34.0	29.2	33.7									
C106-01@WINKLER		32.34	-0.6	26.7	28.7	29.6	31.4	29.3	34.3									
C106-01@ MORLEY		30.52	-0.6	31.4	33.2	34.0	35.3	32.0	34.9									
C106-01@ AIRPORT		34.62	-0.6	33.4	34.1	34.6	35.8	32.7	35.7									
C106-01@ PANAIR		34.03	-0.6	33.7	34.4	34.9	36.0	33.0	35.7									

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFC assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFCD HIGH WATER MARKS

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ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS																HARVEY 8/27/17	
								7/30/54	6/18/73	8/31/81	ALICIA 8/18/83	CHANTAL		9/19/83	8/1/89	3/4/92	10/18/94	FRANCES 9/11/98	ALLISON 6/9/01	11/17/03	IKE 9/13/08	4/28/09	1/9/12		5/26/15
75 TH		20.35	-0.5	14.4	17.1	18.3	21.5				13.4	12.7			11.9	13.6	16.5	8.8	16.8	N/A	10.1	12.4	11.9	8.1	16.1
LAWNDALE	410	21.97	-0.6	18.1	20.7	21.9	24.7				16.7	17.0	13.9		17.6	17.9	22.8	14.9	17.0	9.2	15.6	18.4	18.0	13.4	20.7
IH 45 (IN BOUND)		31.49	-0.6	21.7	24.4	25.6	28.3		20.1			20.8			21.7	20.7	27.6	20.0	21.6	N/A	18.4	21.6	18.5	16.9	25.5
TELEPHONE RD		25.65	-0.6	23.4	26.0	27.3	30.2	22.4	21.7	20.2	18.7				22.1	21.8	27.8	15.7	22.9	14.8	19.9	22.2	21.0	18.2	25.0
WAYSIDE		32.17	-0.6	24.9	27.8	29.2	32.0		23.5						23.0	16.8	20.4 ¹			14.2	21.0	23.3	22.5	18.2	26.9
OLD SPANISH TRAIL (OST)		28.47	-0.7	25.4	28.3	29.9	32.8								26.3		27.8	16.6	25.0	15.7	20.9	23.8	22.5	16.3	27.3
MARTIN LUTHER KING		36.47	-0.8	29.7	32.4	33.7	36.1				24.9	26.8			26.0	29.5	32.8	26.6	29.9	20.9	26.2	29.3	26.4	18.2	32.3
CALHOUN		33.41	-0.8	30.3	32.8	34.0	36.5	31.9	29.2	29.0					29.5	30.1	32.8	27.8	30.7	22.0	28.2	28.9	28.8	26.2	33.7
SCOTT		37.92	-1.0	31.6	34.4	35.7	37.9								31.3	32.3	32.4	29.7	31.5	24.0	29.4	32.1	30.5	28.4	35.2
ARDMORE		37.36	-1.1	32.8	35.4	36.6	38.9								33.9		38.0	31.9	32.8	25.8	31.2	34.3	29.1 ¹	30.6	37.4
SH 288		51.01	-1.2	33.6	36.4	37.8	40.1				30.4				34.8	35.2	39.3	33.9	33.6	26.7	33.0	35.2	34.2	31.7	39.2
ALMEDA RD		41.10	-1.2	34.4	37.6	39.1	41.9		35.1	34.5					36.2	34.7	37.5	33.9	35.0	27.1	33.7	37.0	36.0	32.3	40.4
D109 @ MACGREGOR	400	39.11	-1.2	34.9	38.2	39.9	43.0												34.0	N/A	36.1	38.0	37.4	35.3	41.5
HOLCOMBE BLVD		43.31	-1.2	36.3	39.4	41.1	43.9		37.4	37.3	33.8	38.4			38.2	36.7	40.3	36.7	37.2	30.7	36.5	38.2	37.7	34.9	41.7
S. BRAESWOOD BLVD.		43.68	-1.2	37.1	40.0	41.9	44.8								39.4		42.9	38.0	38.7	32.0	37.3	39.9	38.2	36.4	42.0
FANNIN		45.81	-1.3	38.4	41.2	43.3	46.6			38.9	34.7				41.0	38.5	44.0	37.8	39.4	34.0	37.9	40.1	39.5	37.5	43.5
GREENBRIAR		45.11	-1.3	39.2	41.7	43.8	47.4								40.7		42.2	39.9	39.4	35.0	38.7	41.3	40.4		44.4
N. BRAESWOOD BLVD.		47.58	-1.4	40.2	42.4	44.9	48.6								41.7		44.5	46.5	40.8	N/A	40.6	42.2	41.0		45.7
SOUTH MAIN	420	46.53	-1.4	41.0	43.1	45.7	50.0		41.2	41.5	37.4	42.4	38.8		42.2	39.6	42.9	40.6	41.3	36.5	40.5	42.9	42.1		45.7
S. BRAESWOOD		49.74	-1.3	41.4	43.7	46.6	50.1								42.7		44.3	42.0	41.9	36.3	39.9	43.1	42.4	40.5	45.9
KIRBY		44.30	-1.3	42.1	44.3	47.1	50.7		41.6	42.5					42.7	40.6	47.2	42.1	41.8	37.4	41.6	43.9	43.0		46.3
BUFFALO SPEEDWAY		49.48	-1.3	43.7	46.1	48.4	51.1		42.8		40.9				44.4	43.1	47.4	43.7	43.3	39.3	43.7	45.5	44.1	42.7	47.9
STELLA LINK	430	49.55	-1.7	45.5	47.5	49.6	51.8		45.1	46.1	42.7			45.0	46.0	44.3	48.4	46.4	45.9	43.0	45.7	48.3	47.1	45.7	49.7
SPRR		53.36	-1.7	47.2	49.5	51.3	52.6								47.8	46.3	49.4	47.1	46.5	44.0	47.2	49.1	47.7	46.8	50.7

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

NOTE: D109 @ MacGregor added as a HWM location in summer of 2005

¹ = Suspect elevation, low confidence in field

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
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SUMMARY SHEET - HCFCD HIGH WATER MARKS

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BRAYS BAYOU D100-00-00 Page 2 of 2

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															Harvey 8/27/17		
								7/30/54	6/18/73	8/31/81	ALICIA 8/18/83	CHANTAL		9/19/83	8/1/89	3/4/92	10/18/94	FRANCES 9/11/98	ALLISON 06/09/01	11/17/03	IKE 9/13/08	4/28/09		1/9/12	5/26/15
SOUTH POST OAK		50.45	-2.1	49.9	52.1	53.6	55.0					47.4			50.2	46.7	50.8	50.8	47.3	46.3	48.9	51.4	49.6	48.9	53.7
RICE BLVD	440	53.81	-2.0	50.8	52.9	54.3	55.7		49.1		47.4	52.5	49.0		51.5	47.5	50.4	51.0	47.9	47.6	50.3	52.9	51.7	49.8	54.1
CHIMNEY ROCK		54.05	-2.1	52.4	54.6	55.5	56.8		50.9	50.8		53.7		51.4	52.5	50.6	52.5	53.3	48.4	49.0	51.2	53.6	52.8	50.9	54.9
HILLCROFT		59.78	-2.2	55.1	57.2	57.4	58.7		52.3	53.3	51.0	56.4			54.5	52.6	53.7	55.1	51.5	51.6	53.8	55.9	47.7 ¹	53.3	57.2
N. BRAESWOOD		58.37	-2.2	56.2	58.7	59.1	60.5								55.7			56.5	52.8	52.9	55.0	57.1	56.8	54.3	57.9
FONDREN		59.28	-2.4	58.5	61.1	61.5	62.7		53.7	55.5	52.5	58.4			57.3	52.9	55.4		53.4	54.6	56.5	59.0	55.3	56.0	60.7
BRAES BAYOU		64.22	-2.3	59.5	61.7	62.0	63.1								58.2		55.7	59.5	55.3	55.2	55.9	60.6	57.4	56.6	61.8
GESSNER	460	62.35	-2.7	60.4	62.6	63.0	64.4		55.2		54.4	61.4	57.1		59.4	56.7	56.0	60.7	56.6	56.9	58.2	61.7	59.0	57.5	63.3
BISSONETT		66.11	-2.7	61.5	64.1	64.6	65.7		55.9							54.0			53.2	57.1	58.4	63.3	59.5	57.4	63.0
BRAEBURN GLEN		63.94	-2.7	61.7	64.6	65.1	66.4											61.8	57.4	57.0	58.7	62.9	59.9	57.5	62.9
US 59 (N BOUND)		69.93	-2.7	62.2	64.9	65.5	66.8				54.5	63.1			60.4	55.4			62.2 ¹	58.8	59.1	63.0	61.9	56.0 ¹	64.3
BEECHNUT		67.68	-2.8	65.1	67.5	68.0	69.4				56.1	65.0			61.8	60.6			55.2	60.9	59.5	63.0	62.9	58.5	66.1
WEST BELT	465	71.33	-3.0	66.2	69.0	69.6	71.1								63.5	59.0		65.0	58.7	60.9	59.6	65.9	65.8	59.1	67.5
BELLAIRE BLVD	475	70.31	-3.0	68.8	71.6	72.2	73.5				59.0	67.0			64.3	61.3		65.9	58.3	63.4	60.4	66.6	66.0	60.7	69.1
BOONE		70.90	-2.8	69.7	72.3	72.9	74.1								65.5	63.6			60.9	65.0	61.4	66.8	65.5	60.1	67.0
BELLE PARK	470	73.58	-2.7	70.6	73.1	73.6	74.7											69.6	63.8	63.9 ¹	62.7	67.0	65.3	61.2	70.6
HIGH STAR		73.84	-2.7	71.2	73.7	74.3	75.4								71.4			69.2	61.9	67.5	63.4	67.4	66.2	61.1	70.9
ALIEF CLODINE RD		78.91	-2.5	71.9	74.3	75.0	76.1					70.5			68.6			72.2	61.1	67.9	64.6	67.8	65.2	61.0	70.8
OLD WESTHEIMER		77.44	-2.5	73.6	75.7	76.4	77.7								69.7			75.3	65.8	69.6	N/A	69.2	68.0	61.9	73.3
DAIRY ASHFORD		80.38	-2.7	75.1	77.2	78.0	79.3								74.0				67.7	70.2	67.5	70.2	69.4	68.0	72.3
SYNOTT RD		80.56	-2.4	76.9	78.6	79.2	80.6				74.5	77.1			75.4	74.7			69.1	71.9	68.5	71.4	70.5	66.8	78.1
ELDRIDGE		80.77	-2.2	77.8	79.8	80.4	82.1								75.3			73.5	69.7	78.7	69.1	71.9	71.2	67.1	79.6
HWY 6	485	82.57	-2.0	80.7	82.6	82.9	83.9				78.7	79.4			78.6	79.3		77.7	76.3	78.8	77.3	77.4	76.8	74.6	79.4
ADDICKS CLODINE		90.19	-1.8	82.5	84.5	85.1	86.3				86.0	82.3						81.5	79.2	81.5	80.2	76.5	81.8	79.3	83.2

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

¹ = Suspect elevation, low confidence in field

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

WILLOW WATERHOLE D112-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS								
								IKE 9/13/08	4/28/09	1/9/12	4/27/13	5/26/15	10/31/15	4/18/16	01/18/17	HARVEY 08/27/17
WEST BELLFORT		51.77		46.3	48.8	49.8	51.7					51.6	50.1	N/A	48.8	53.1
WILLOWBEND	435	51.69	-2.0	47.2	49.8	50.7	52.9	47.8	43.2	49.1	48.1	51.7	49.4	50.7	48.8	53.6
S. POST OAK		57.01		47.3	50.0	51.2	53.6					51.9	48.3	N/A	48.4	54.2
CHIMNEY ROCK		55.00		54.0	55.7	56.3	57.5				54.2	55.3	54.1	N/A	51.9	57.1
LANDSDOWNE	445	56.21		55.5	56.9	57.5	58.7				55.1	56.7	55.6	55.8	53.6	58.3
HILLCROFT		56.46		56.2	58.0	58.6	59.9				57.4	58.4	56.0	N/A	54.4	58.9

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

HWM LOCATIONS ADDED IN APRIL 2013: W BELLFORT, S POST OAK, CHIMNEY ROCK, LANDSDOWNE, HILLCROFT

¹ = Suspect elevation, low confidence in field

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

KEEGANS BAYOU D118-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								3/4/92	10/18/94	11/17/03	IKE 9/13/08	4/28/09	1/9/12	5/12/12	5/26/15	4/18/16	1/18/17	HARVEY 8/27/17					
SOUTH BRAESWOOD		63.03	-1.7	58.6	60.7	61.4	63.1	61.6		62.4	58.3	60.0	61.2	59.6	62.7	61.0	60.4	64.8					
BELTWAY 8		76.38	-2.8	69.3	70.9	71.5	72.7		69.1	69.6	66.6	64.7	70.0	68.3	71.1	69.5	68.5	71.1					
ROARK	480	76.35	-2.8	72.1	73.5	74.1	75.2		73.2	73.4	69.4	68.9	73.3	72.9	74.5	74.3	73.3	74.2					
WILCREST		75.52	-2.7	74.9	76.3	76.8	77.9	74.6	75.1	75.9	71.8	71.9	75.5	75.7	76.2	75.5	74.6	76.4					
S. KIRKWOOD		78.20	-2.7	76.6	77.9	78.4	79.6	77.5		77.4	74.6	75.5	77.5	77.1	78.3	77.2	74.5	78.6					
KEEGANS	490	81.07	-2.8	78.2	79.5	79.9	80.8				75.6	75.9	78.9	77.8	80.8	80.5	78.4	80.2					
DAIRY-ASHFORD		81.29	-2.8	78.7	80.2	80.7	81.9		78.7	80.2	76.8	78.3	79.8	79.5	81.6	80.1	78.0	82.0					
SYNOTT		86.83	-2.8	80.5	82.6	83.5	85.1								82.9	81.9	80.1	82.4					
HWY 6		91.68	-2.8	82.1	84.4	85.3	87.1								84.5	82.9	80.9	84.5					
ROCKY VALLEY	495	88.36	-2.8	82.9	85.2	86.0	87.9								85.5	85.2	81.7	86.4					
RICHMOND GAINES		88.81	-2.8	84.2	87.4	88.4	89.6								85.8	83.3	80.8	86.8					

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ
SYNOTT, HWY 6, ROCKY VALLEY, AND RICHMOND GAINES ADDED IN JUNE 2013

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFC D HIGH WATER MARKS

9/19/2017

WHITE OAK BAYOU E100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS														
								10/8/49	8/31/81	5/14/82	ALICIA 8/18/83	9/19/83	5/19/89	6/26/89	3/4/92	3/12/97	FRANCES 9/11/98	ALLISON 6/9/01	10/29/02	11/17/03	12/14/05	6/19/06
MAIN ST		52.32	-0.8	26.4	32.0	35.0	40.5										30.5	36.3		24.7		
HOUSTON AVE		43.26	-0.9	31.3	35.6	37.8	42.7										33.7	32.7 ¹	26.6	31.4 ¹		13.5 ¹
HEIGHTS	520	39.93	-1.8	35.7	40.4	42.8	46.8		23.3	22.8	22.6				40.1	29.7	37.6	45.5	33.9	35.6		31.6
N SHEPHERD		50.55	-1.2	42.6	49.6	50.8	52.1		33.3	32.8	31.8				44.9	35.4	42.9	49.0	37.8	38.0		31.8
W. 11th ST		51.03	-1.2	46.8	52.7	53.9	55.8		39.1	33.2	34.7				48.8	39.7	46.0	54.2	42.4	44.7		40.8
W. 18th ST		55.55	-1.3	51.4	55.2	56.6	58.4	51.7	42.5	36.3	37.8				52.0	42.7	49.0	56.7	45.8	48.3		43.4
ELLA BLVD	530	56.39	-1.2	53.3	56.0	57.0	58.9									43.4	49.8	59.4	47.1	49.0		37.7 ¹
LOOP 610 E. FEEDER		61.27	-1.3	55.6	58.5	59.6	61.7		44.9		42.5	41.7			54.3	46.9	51.5	57.7	49.5	51.4		46.4
W. 34th ST		61.87	-1.3	57.8	61.0	61.9	63.8			44.0	44.8				56.8	48.3	53.5	59.9	51.2	54.3		49.2
W. 43rd ST		69.85	-2.1	64.0	66.1	66.9	69.4	68.9	53.8		51.9	51.3			61.6		59.9	65.5	58.6	59.5		56.2
PINEMONT	535	68.85	-2.4	65.9	68.1	68.9	71.6		55.5		54.0	56.3			63.5		62.3		61.3	61.7		60.1
TIDWELL	575	71.41	-2.4	67.9	70.1	70.8	73.4										69.6	62.5	63.5			62.0
W LITTLE YORK		75.40	-3.0	71.6	74.3	75.5	77.4	75.2	72.8	69.9	71.0	71.1	73.6	71.0	74.7		71.6	73.2	70.6	66.4	67.3	63.4
ANTOINE		74.94	-3.0	73.0	75.5	76.2	78.1				71.8				74.0		72.2	70.9 ¹	71.5	70.0	68.9	70.2
ALABONSON	540	78.71	-3.2	77.3	78.5	79.0	80.0	77.8		74.9	73.6		76.8	74.9	76.7		72.8	77.9	74.4	73.2	71.5	74.2
N. HOU ROSSLYN		86.80	-3.2	80.7	81.9	83.7	84.6	83.6	82.8	79.5	77.9		82.2	80.0	81.7		78.6	82.2	78.2	77.2	76.0	77.3
PEDESTRIAN BR			-4.3	89.9	90.3	90.4	90.9										90.0			87.7		81.2
FAIRBANKS N. HOU	545	95.32	-4.3	91.8	92.3	92.4	92.9	92.1	87.4	86.9	88.1		92.0	89.3	89.0		92.1	93.0 (?)		90.2		83.3
WINDFERN RD		97.53	-4.4	95.4	96.0	96.3	97.0	95.9		89.0	89.7				92.4		96.0	97.9	96.6	94.2	87.4	88.4
GESSNER		102.76	-5.2	96.9	98.0	98.3	99.1										95.6	97.1	96.1	93.1	88.0	89.7
LAKEVIEW	550	99.60	-5.0	101.3	102.2	103.0	104.0		98.0	94.7	93.4						100.0	102.0	99.9	97.6	97.7	96.6
WEST RD		111.58	-3.9	110.1	111.3	111.7	112.5			104.7	103.3						108.9	110.7 ¹	107.8	106.4	106.3	103.7
JONES RD	555	114.80	-3.6	114.6	115.7	116.1	116.9			112.3	109.3						112.5	115.1	111.5	110.2	110.9	110.6
FM 1960		121.73	-3.6	119.3	120.7	121.1	122.0			115.3	114.7						119.1		115.3	114.4	115.7	116.3

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

NOTE: Main St. discontinued as HWM location in summer 2005 due to traffic safety.

¹ = Suspect elevation, low confidence in field

(?) = Survey Dept research needed to confirm elevation

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
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SUMMARY SHEET - HCFC HIGH WATER MARKS

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WHITE OAK BAYOU E100-00-00 PAGE 2 of 3

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								10/16/06	IKE 9/13/08	4/28/09	10/25/15	4/18/16	HARVEY 8/27/17										
MAIN ST		52.32	-0.8	26.4	32.0	35.0	40.5																
HOUSTON AVE		43.26	-0.9	31.3	35.6	37.8	42.7	26.5	32.8		29.0	33.5	40.3										
HEIGHTS	520	39.93	-1.8	35.7	40.4	42.8	46.8	31.6	36.3		33.9	38.8	45.6										
N SHEPHERD		50.55	-1.2	42.6	49.6	50.8	52.1	36.3	40.6		35.5	44.1	51.3										
W. 11th ST		51.03	-1.2	46.8	52.7	53.9	55.8	39.8	46.8		39.3	46.8	52.7										
W. 18th ST		55.55	-1.3	51.4	55.2	56.6	58.4	43.6	49.5		44.1	49.6	54.4										
ELLA BLVD	530	56.39	-1.2	53.3	56.0	57.0	58.9	44.4	50.2		44.3	50.4	56.9										
LOOP 610 E. FEEDER		61.27	-1.3	55.6	58.5	59.6	61.7	47.2	52.3		46.7	53.1	57.2										
W. 34th ST		61.87	-1.3	57.8	61.0	61.9	63.8	48.8	54.0		54.7	54.4	57.5										
W. 43rd ST		69.85	-2.1	64.0	66.1	66.9	69.4	55.7	59.2		57.3	62.5	63.9										
PINEMONT	535	68.85	-2.4	65.9	68.1	68.9	71.6	58.0	62.1		58.9	63.9	66.6										
TIDWELL	575	71.41	-2.4	67.9	70.1	70.8	73.4	59.6	62.1		58.9	66.0	68.8										
W LITTLE YORK		75.40	-3.0	71.6	74.3	75.5	77.4	66.5	69.0		67.4	72.8	73.7										
ANTOINE		74.94	-3.0	73.0	75.5	76.2	78.1	69.3	70.2		72.5	74.0	74.5										
ALABONSON	540	78.71	-3.2	77.3	78.5	79.0	80.0	70.7	72.5		73.6	76.0	77.6										
N. HOU ROSSLYN		86.80	-3.2	80.7	81.9	83.7	84.6	78.6	75.4	78.0	76.2	80.0	78.8										
PEDESTRIAN BR			-4.3	89.9	90.3	90.4	90.9	82.0	83.4	85.5	84.1	88.8	89.6										
FAIRBANKS N. HOU	545	95.32	-4.3	91.8	92.3	92.4	92.9	82.6	84.4	86.9	83.0	92.2	90.7										
WINDFERN RD		97.53	-4.4	95.4	96.0	96.3	97.0	83.0	85.9	89.5	86.5	94.8	92.9										
GESSNER		102.76	-5.2	96.9	98.0	98.3	99.1	89.1	88.7	91.5	88.4	96.5	94.6										
LAKEVIEW	550	99.60	-5.0	101.3	102.2	103.0	104.0	97.5	96.0	98.6	93.1	101.3	98.2										
WEST RD		111.58	-3.9	110.1	111.3	111.7	112.5	103.9	104.6	107.6	104.6	110.6	107.6										
JONES RD	555	114.80	-3.6	114.6	115.7	116.1	116.9	110.9	110.4	112.2	110.2	115.3	113.1										
FM 1960		121.73	-3.6	119.3	120.7	121.1	122.0	116.4	115.8	118.3	113.7	120.1	115.2										

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

NOTE: Main St. discontinued as HWM location in summer 2005 due to traffic safety.

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

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WHITE OAK BAYOU Tributaries E100-00-00 Page 3 of 3

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS													
								ALLISON 6/9/01	10/29/02	11/17/03	12/14/05	6/19/06	10/16/06	5/10/07	IKE 9/13/08	4/28/09	5/26/15	10/25/15	4/18/16	8/8/17	HARVEY 8/27/17
E101: LT WHITE OAK																					
E101 @ N MAIN		33.73		35.4	38.4	39.1	41.6									39.4		NA		40.0	
E101 @ COTTAGE	560	48.22	-1.3	38.0	40.7	41.4	44.0		29.3	35.8		32.1 ¹			41.3	42.9		38.5		44.1	
E101 @ PATTON		N/A		39.8	42.4	43.2	46.0									43.8		NA		45.6	
E101 @ CAVALCADE		47.24		44.5	47.5	48.3	50.0									48.8		NA		53.7	
E101 @ CROSSTIMBERS		N/A		56.2	58.2	58.8	60.2									54.8		NA		56.1	
E101 @ WERNER		63.42		63.7	64.0	64.3	64.9									63.5		NA		63.7	
E101 @ TIDWELL	570	64.38	-1.9	65.2	65.9	66.1	67.0	70.1	64.2	62.5					67.1	65.6		61.6		65.4	
E115 BRICKHOUSE																					
E115 @ MANGUM		N/A	N/A	61.1	62.5	63.2	65.6							60.2	59.8	N/A	60.2		60.5	58.2	64.3
E115 @ COSTA RICA	580	64.38		63.9	65.5	66.4	70.4	68.9	63.7	56.3		58.2	57.3	64.7	64.6	63.3	65.5		63.8	63.2	66.7
E115 @ ANTOINE		65.72	-2.8	65.4	66.0	66.5	71.1							65.7	65.6	65.3	66.2		65.7	65.5	67.9
E115 @ US 290		N/A	N/A	67.4	67.9	68.2	71.5							68.3	66.8	67.2	68.0			68.3	68.2
E115 @ BOLIN		70.26	-2.8	69.4	71.3	71.8	73.6							69.7	66.4	69.4	70.2		70.0	69.4	70.4
E115 @ LANG		74.25	-3.0	70.5	71.9	72.2	73.5							70.4	69.1	70.2	71.8		71.1	70.3	72.5
E115 @ BINGLE		74.22														74.3	74.2		NA	73.5	74.6
E115 @ HOLLISTER		80.85														77.0	77.6		NA	75.8	76.4
E117 COLE CREEK																					
E117 @ DEIHL	590	80.94	-3.0	75.8	79.0	80.2	81.4		73.8	73.2	73.4	71.6			74.0				74.7		74.6
E121 VOGEL CREEK																					
VICTORY	585	75.11	-1.6	74.7	75.2	75.6	76.0		77.1	73.7	72.6	73.3			69.1			67.3	73.1		75.0
MAPLE TREE		78.79		77.6	78.2	78.5	78.9					77.1						67.9	73.6		74.9
GULF BANK	595	78.97	-3.4	79.7	80.4	80.7	81.3		81.0	80.4	77.6	78.0			74.2			72.6	77.3		77.8
RAMONA		98.39		98.7	99.3	99.5	99.9					99.1			98.4			95.0	97.6		98.6

NOTE: ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

¹ = Suspect elevation, low confidence in field

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

SAN JACINTO RIVER G103-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS												HARVEY 8/27/17	
								4/23/79	5/20/83	ALICIA 8/18/83	5/18/89	6/27/89	3/4/92	10/18/94	10/18/98	11/14/98	IKE 9/13/08	3/12/16	4/18/16		5/27/16
IH-10 EAST		28.04	-0.1	6.1*	11.3*	12.9*	18.1*	5.4						(3)	4.6	6.1	12.6		4.5	8.6	16.0
RIO VILLA SUBDIVISON	710	N/A	-0.4								14.5	9.6	8.3	(3)	(3)	(3)			9.3	12.2	20.9
US 90	720	39.01	-0.2	14.8	20.6	23.7	28.9	19.3	16.2	12.7	18.8	14.7	11.0	24.6	14.1	17.9	16.5		14.9	18.1	26.7
OLD US 90		31.53	-0.1	16.3	22.7	26.1	32.0							28.1	15.2	19.6	14.6		15.6	19.4	29.3
LAKE HOUSTON SPILLWAY	750	63.48	-0.5	45.4	48.8	49.9	52.0		48.0	47.1	49.1	47.4	47.0	52.3			44.5		46.2	47.8	53.1
W LAKE HOUSTON PARKWAY		57.86	-0.7	46.8	50.3	51.7	56.2							53.7	39.9	49.9	49.0		47.9	51.1	57.0
US 59	760	70.40	-0.6	56.5	63.0	64.8	69.1	51.0	52.1		53.9	51.7	49.8	66.7			53.0		57.5	61.9	69.6
HAMBLEN @ Loop 494		58.19	-2.5	56.5	63.0	64.8	69.1								54.4		51.6		55.7	61.5	65.5
E. FORK SAN JAC. @ FM 1485	790	78.07	-0.1	63.3	68.5	70.6	75.9							76.2	63.5	71.6 ⁴	56.9	67.0	63.7	69.7	81.2

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

¹ = Suspect elevation, low confidence in field

(2) SAN JACINTO RIVER SPILLWAY ELEV OF 44.5' IS BASED ON '63/64 ADJ, '78 ADJ IS 42.0', 01' ADJ IS 41.5'

(3) INACCESSIBLE

⁴ = based on ALERT gage data

* = Combined Probability (includes storm surge and rainfall)

NOTE: G103-07-05 (Banana Bend) location was severely damaged in the October 1994 Flood, Gage 710 moved from Bannana Bend to Rio Villa on 10-29-2013

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
 High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

HUNTING BAYOU H100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS													
								3/20/72	3/4/92	FRANCES 9/11/98	ALLISON 6/5/01	6/9/01	6/19/06	10/16/06	ERIN 8/16/07	IKE 9/13/08	5/26/15	10/25/15	10/31/15	1/18/17	HARVEY 8/27/17
FEDERAL RD		13.41	0.0	7.0	10.6	12.0	15.1		4.1	7.5	6.6	9.4	5.8	5.9	5.2	13.3	4.8	4.3	6.3	N/A	12.0
MARKET ST		22.36	0.0	18.1	20.6	22.0	25.3		19.8		21.4	25.7	19.7	17.4	19.1	21.4	10.4	9.3	20.4	10.3	24.7
IH 10	820	27.21	-0.2	20.5	22.3	24.3	26.7		20.5	21.0	23.0	28.3	21.4	16.2	21.5	23.5	20.1	20.7	24.3	19.4	27.0
WALLISVILLE		31.50	-0.6	28.9	30.9	31.6	33.0	29.4	29.6	30.1	30.3	31.3	27.2	28.5	31.2	31.0	27.3	31.5	30.0	28.2	33.6
LOOP 610	830	38.72	-0.9	34.4	36.4	37.2	38.6		34.2	34.6	34.1	37.4	33.8	32.2	34.3	35.5		30.3	34.2	31.7	37.0
McCARTY RD		39.79	-0.9	36.0	37.7	38.5	40.5	33.8		34.8	36.5	38.0	34.0	32.3	34.9	35.2		31.6	34.6		37.5
WAYSIDE		40.64	-1.1	39.1	41.0	41.8	43.4				38.4	41.1	37.3	34.5	36.7	37.9	35.9	34.9	37.6	36.0	40.9
LIBERTY RD		45.03	-1.1	40.0	42.1	42.9	45.3			39.7			37.9	40.4	36.7	39.1	37.3	36.0	36.8	37.2	43.0
HOMESTEAD RD		48.23	-1.1	41.4	43.5	44.4	46.3	39.7	43.1		41.2	44.4	39.2	40.5	40.6	41.4	37.1	38.3	40.2	39.6	43.7
PEDESTRIAN BR IN PARK	840	41.44	-1.1	41.9	44.1	45.0	46.8					42.0	40.4	40.5	42.0	42.1	40.7	38.0	41.4	40.6	44.4
LOCKWOOD RD		41.44	-1.1	42.2	44.4	45.2	47.0	40.7	41.5	41.4	42.2		41.0	41.3	41.8	42.6	39.0		41.5	41.1	44.3
WIPPRECHT		43.06	-1.1	42.3	44.5	45.3	47.0			41.9	42.6	44.8	40.6	40.7	42.4	42.5	41.0	38.0	42.0	N/A	44.4
HIRSCH RD		45.13	-1.0	42.5	44.6	45.4	47.1	40.4	42.0	43.8	42.6	44.4	41.8	42.4	42.7	42.8	42.1	39.5	42.5	42.2	45.0
US 59		44.00	-1.0	43.0	44.8	45.6	47.3	41.5	43.1	42.7	43.5	45.6	42.5	42.7	43.1	42.9	43.1	41.9	43.1	42.8	44.8

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

(?) = Survey Dept research needed to confirm elevation

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

VINCE BAYOU I100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS													
								CLAUDETTE 7/29/79	5/3/81	6/5/81	ALICIA 8/18/83	ALLISON 10/18/94	6/9/01	6/19/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	HARVEY 8/27/17			
RICHEY		13.68	0.1	8.6*	11.0*	12.3*	15.7*			8.6		6.7		8.9	12.9	13.6	8.1	12.5			
SH 225		12.86	-0.2	10.0*	12.0*	13.4*	16.3*					6.2		12.0	7.1	13.2	7.8	14.6			
JACKSON		14.08	0.1	11.6*	13.7*	15.6*	17.0*					7.8	16.6	12.8	12.2	14.0	10.4	17.7			
HARRIS		23.88	0.1	13.2*	15.1*	15.8*	17.8*	12.3	12.7	12.8		12.1		14.3	12.8	12.7	N/A	17.6			
W. ELLAINE	920	23.88	0.1	13.7	15.9	16.5	18.5							15.3		16.7	N/A	21.3			
SOUTHMORE		23.46	0.1	18.5	20.4	21.2	22.7		18.6	17.8	16.3	17.7	22.2	19.6	17.5	18.1	18.7	26.6			
ALLENDALE		26.98	0.0	22.5	24.1	24.7	26.4	21.2	20.1			20.8		22.6	22.1	21.0	N/A	28.0			
WEST		26.99	0.0	23.6	25.2	25.7	27.7					21.8		25.3	22.3	21.6	23.8	28.4			
QUEENS		28.58	0.0	25.6	27.1	27.7	29.0					23.8		25.8	24.6	24.1	25.1	29.4			
SHAVER		29.60	0.0	26.7	28.3	28.9	30.1	25.9	21.0	24.7		24.2	28.8	27.5	27.2	26.7	27.1	30.3			
SPENCER HWY		31.30	0.0	28.6	30.4	31.0	31.6	27.8	27.7	25.6	25.8	27.1		29.7	28.4	28.5	29.2	32.2			
FAIRMONT		34.88	0.0	30.2	32.1	32.9	33.7			31.4	28.8	30.1	33.2	31.5	33.2	30.4	32.1	34.9			

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

* = Combined Probability (includes storm surge and rainfall)

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

L. VINCE BAYOU I101-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								CLAUDETTE 7/25/79	5/3/81	8/18/83	10/18/94	ALLISON 06/05/01	06/09/01	6/19/06	ERIN 8/16/07	IKE 9/13/08	4/18/09	HARVEY 8/27/17					
N. SHAVER		12.30	0.0	8.8	10.8	12.0	15.2				9.0	15.1		11.0	12.7	14.7	10.6	17.3					
EAGLE		23.60	-0.1	13.7	15.6	16.5	18.7	19.5		19.0	8.3	19.2		11.1	23.5	17.0	10.9	23.8					
PASADENA BLVD		25.10	0.0	15.6	17.6	18.5	20.7	23.1			13.0	20.1		14.0 ¹	22.9	12.1	11.4	24.9					
JACKSON	940	24.29	0.1	17.0	19.2	20.2	21.5	23.9	25.4		13.0	21.1	24.3	15.3	19.6	17.6	N/A	25.2					
W. HARRIS		26.29	0.1	19.8	21.7	22.7	24.7	27.2	26.9		15.9	22.6		14.6	21.4	19.4	N/A	27.4					
SOUTHMORE		29.33	0.1	21.1	23.1	24.1	26.7	28.6	28.6	27.1	21.8	24.9		22.0	29.0	23.3	N/A	27.9					
BURKE	240		0.1	23.6	25.4	26.3	28.9	30.8	30.2	29.7	24.0	26.7	29.9	25.3	30.9	24.2	26.5	30.2					
PASADENA BLVD		31.79	0.1	24.4	26.1	27.0	29.7	31.6	31.0	30.5	24.8	27.4	30.7	26.0	31.7	25.0	27.2	30.5					
PRESTON		35.89	-0.1	Outside of Study Limit				34.2	32.8		34.9	31.5		31.9	34.4	33.9	N/A	33.6					

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

SPRING CREEK J100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								4/20/79	11/26/85	10/18/94	10/19/98	11/14/98	ALLISON 6/5/01	IKE 9/13/08	4/28/09	7/12/12	4/18/16	5/27/16	HARVEY 8/27/17				
END OF LEE RD		71.81	-0.5							79.5			79.3 ¹	60.2	N/A	N/A	N/A	71.2	84.5				
RILEY FUZZEL RD		103.30	-0.7	90.8	96.8	99.0	105.4			104.1	92.2	93.5	94.7 ¹	83.1	82.5	88.0	93.7	97.5	100.5				
IH 45	1050	115.07	-0.7	98.7	103.6	105.8	111.6		101.0	111.6	101.1	103.3	105.1 ¹	97.7	92.9	98.1	103.6	108.5	111.4				
KUYKENDAHL	1060	143.57	-1.1	129.7	134.9	136.7	141.4							124.6	121.6	128.5	134.0	140.1	140.8				
FM 2978	1040	152.78	-0.8	144.9	148.8	150.4	154.4		154.4	155.1	143.3	143.2	160.1 ¹	144.4	137.5	145.2	149.1	153.4	154.3				
SH 249	1070	167.51	-0.9	155.0	159.7	161.3	165.0	150.6	156.3	162.2 ¹	155.9	157.7	165.1 ¹	149.6	147.2	156.4	161.6	165.5	163.9				
CYPRESS ROSE-DECKER		171.76	-0.5	168.7	172.3	173.8	177.9	163.5	148.0	180.3	170.5	170.1	175.0	168.3	162.7	169.0	173.8	175.9	174.7				
MUESCHKE RD		171.26		177.7	181.2	182.8	186.6												186.6				
CARDINAL RD		177.31	-0.7	182.5	186.3	187.8	191.7	182.3	169.3	192.3	185.9	182.2	185.0	175.8	176.3	174.9	188.6	187.3	190.3				
ROBERTS CEM-RD		180.69	-0.2	184.7	188.1	189.6	193.2	202.8		193.3	199.4 (?)		185.6	180.9	178.9	179.2	187.0	189.9	192.0				
NICHOLS		202.96	-0.3	205.0	207.1	208.1	210.8			211.3	208.7	205.2	210.1	202.7	200.4	202.7	207.3	208.3	209.4				
HEGAR RD	1090	217.14	-0.3	215.9	217.9	218.9	221.4			224.0	219.9	215.4	217.5	213.0	213.2	217.7	222.8	222.2	222.9				
MARGERSTADT		231.06	-0.3	230.6	232.5	233.3	234.7			236.1	235.6	236.5	231.0	229.3	225.0	229.1	234.1	234.4	233.3				
KICKAPOO RD		242.69	-0.3	242.2	244.0	244.6	246.2		233.2	245.7	246.6	244.4	242.3	236.6	235.7	239.5	244.4	244.0	244.0				
FIELD STORE RD		254.96	-0.2	255.5	256.6	257.0	258.1						253.9	251.3	250.1	254.1	258.3	257.9	258.3				
FM 1488		282.56	-0.2	271.4	272.0	272.4	273.1			276.8	277.2	275.3	279.1	272.7	271.9	274.0	275.7	275.7	275.1				

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

¹ = Suspect elevation, low confidence in field

(?) = Survey Dept research needed to confirm elevation

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

SPRING CREEK TRIBUTARIES

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS										
								10/18/94	IKE 9/13/08	4/28/09	7/12/12	4/18/16	5/27/16	HARVEY 8/27/17				
J109-01 @ CYPRESSWOOD		94.53	-0.8					92.7	88.2	88.7	86.1	89.8	89.1	105.8				
INSIDE NORTHGATE CROSSING LEVEE		99.73	-0.7					109.7		94.5				91.8				
WALNUT CREEK @ JOSEPH RD	1074													225.5				
BIRCH CREEK @ RILEY RD	1076													263.8				
THREEMILE CREEK @ JOSEPH RD	1084													242.2				
THREEMILE CREEK @ FM 362	1086													272.9				

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

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Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

CYPRESS CREEK K100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS																	
								10/49	CARLA 9/61	1/19/79	9/19/79	8/31/81	5/21/83	5/19/89	6/26/89	10/18/94	10/19/98	ALLISON			IKE	4/28/09	7/12/12	4/18/16	
CYPRESSWOOD DR	1110	79.65	-0.5	68.2	75.0	77.8	85.4									79.2	65.5	70.7	72.5	63.2	68.9	66.0	64.5	71.4	73.0
TRESCHWIG		85.39	-1.4	76.4	79.2	80.2	85.4							78.0		78.4	75.3	73.7	78.5	70.8	76.6	74.8	71.8	78.3	75.5
ALDINE WESTFIELD		89.06	-1.4	79.7	83.0	84.2	86.3	85.3				78.9	76.6	83.2	81.5	80.8	78.4	77.9	82.4	73.5	80.5	79.2	74.2	81.7	77.6
HARDY ROAD		94.85	-2.0	84.9	88.1	89.5	91.5	89.8	80.9		81.8		81.6			83.7*	85.4	81.7	86.9	81.6	84.4	84.7	79.5	86.9	83.4
I.H. 45	1120	101.82	-2.1	91.2	93.0	94.4	97.3	95.5	87.5	84.3	87.3	88.6	83.8	92.1	90.7	88.0	89.1	86.8	92.5	84.9	89.3	87.9	83.6	90.6	85.6
KUYKENDAHL	1130	109.01	-1.9	97.1	100.6	102.2	107.0	103.6	95.0	96.5	97.6	97.5	96.4	101.3	99.1	99.4	98.2	97.1	100.9	92.7	97.2	96.8	96.5	101.4	96.5
TC JESTER		NA																						105.4	100.7
STUEBNER-AIRLINE RD	1140	115.95	-1.7	104.9	108.5	109.6	112.3	110.7		105.6	104.0		102.4	108.0	105.3	107.9	106.8	104.9	109.7	101.8	104.3	104.6	103.7	110.3	104.2
CHAMPION FOREST DR		110.31	-1.5	108.7	112.0	113.0	115.5						105.2	108.5		110.3	109.5	107.3	109.5	102.2	106.9	107.4	108.9	112.4	105.3
CYPRESSWOOD DR		120.21	-2.2	112.2	114.8	115.8	118.1										112.7	110.8	114.8	111.5	110.6	111.2	111.7	115.5	111.7
CUTTEN		121.47	-2.1	113.8	116.3	117.4	119.9									114.6	117.6	112.2	114.6	107.7	111.4	112.7	114.6	117.4	112.5
SH 249	1150	128.69	-1.4	115.7	118.9	120.1	122.5	123.7		119.3	118.5		116.8	114.2	113.7	119.4	120.1	116.3	120.5	N/A	N/A	116.5	119.2	120.3	116.8
JONES		126.98	-1.2	118.3	121.1	122.3	125.1									121.0	122.1	119.8	121.2	109.2	116.3	119.0	121.5	122.5	119.8
CYPRESSWOOD 369B		128.42	-1.1	119.5	122.2	123.4	126.2										123.5	121.1	122.9	109.5	117.4	120.3	122.8	125.3	121.2
GRANT ROAD	1160	127.25	-2.2	122.3	124.3	125.2	127.6	123.4		122.6	122.7	120.4	120.6		115.3	125.4	124.3	122.9	123.8	112.6	119.0	123.1	124.6	127.4	124.2
N. ELDRIDGE PARKWAY	1165	134.31	-2.4	124.3	126.3	127.3	129.7									126.1	125.4	123.5	125.9	113.8		124.5	125.0	128.6	125.4
HUFFMEISTER ROAD	1170	134.24	-1.6	128.4	130.4	131.4	133.7			123.5	128.1		127.4			130.0	131.6	129.6	129.8			129.6	130.7	132.9	129.8
TELGE ROAD		139.71	-1.6	132.1	134.2	135.2	137.5		131.9	132.4			131.8			134.5	135.4	134.4	N/A			132.7	133.2	136.9	132.3
BARKER CYPRESS		144.00	-2.4	136.1	138.2	139.1	141.2										138.8	137.2	137.5			135.8	137.4	138.9	136.3
U.S. 290	1175	147.52	-1.0	137.0	139.3	140.2	142.4	137.7	131.0		136.8	135.0	136.2			143.5	138.7	137.4	138.2			137.3	138.9	141.7	n/a
FRY ROAD		150.20	-1.0	142.8	143.8	144.3	145.8																	147.5	
HOUSE HAHN ROAD		149.00	-1.0	144.7	145.8	146.4	148.0						144.8			145.7	147.0	142.0	145.1			145.0	145.1	148.4	147.7
KATY HOCKLEY ROAD	1180	162.20	-0.4	161.5	162.5	162.9	164.0			160.5			160.8			163.0	162.9	161.3	160.6			159.9	159.8	162.3	160.5
SHARP ROAD		164.42	-0.1	167.6	169.2	169.9	171.7			166.5						168.9*	166.8	163.5	164.9			165.8	166.7	168.9	168.0

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

(?) = Survey Dept research needed to confirm elevation

All K100 exceedance probability elevations based on PMR issued 3/22/2010. High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFC HIGH WATER MARKS

9/19/2017

CYPRESS CREEK K100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS												
								HARVEY 8/27/17												
CYPRESSWOOD DR	1110	79.65	-0.5	68.2	75.0	77.8	85.4	80.5												
TRESCHWIG		85.39	-1.4	76.4	79.2	80.2	85.4	82.6												
ALDINE WESTFIELD		89.06	-1.4	79.7	83.0	84.2	86.3	86.3												
HARDY ROAD		94.85	-2.0	84.9	88.1	89.5	91.5	92.1												
I.H. 45	1120	101.82	-2.1	91.2	93.0	94.4	97.3	97.0												
KUYKENDAHL	1130	109.01	-1.9	97.1	100.6	102.2	107.0	106.5												
TC JESTER		NA						110.5												
STUEBNER-AIRLINE RD	1140	115.95	-1.7	104.9	108.5	109.6	112.3	113.8												
CHAMPION FOREST DR		110.31	-1.5	108.7	112.0	113.0	115.5	116.4												
CYPRESSWOOD DR		120.21	-2.2	112.2	114.8	115.8	118.1	119.03												
CUTTEN		121.47	-2.1	113.8	116.3	117.4	119.9	120.9												
SH 249	1150	128.69	-1.4	115.7	118.9	120.1	122.5	123.4												
JONES		126.98	-1.2	118.3	121.1	122.3	125.1	126.3												
CYPRESSWOOD 369B		128.42	-1.1	119.5	122.2	123.4	126.2	127.6												
GRANT ROAD	1160	127.25	-2.2	122.3	124.3	125.2	127.6	129.8												
N. ELDRIDGE PARKWAY	1165	134.31	-2.4	124.3	126.3	127.3	129.7	130.8												
HUFFMEISTER ROAD	1170	134.24	-1.6	128.4	130.4	131.4	133.7	135.3												
TELGE ROAD		139.71	-1.6	132.1	134.2	135.2	137.5	137.6												
BARKER CYPRESS		144.00	-2.4	136.1	138.2	139.1	141.2	141.5												
U.S. 290	1175	147.52	-1.0	137.0	139.3	140.2	142.4	142.0												
FRY ROAD		150.20	-1.0	142.8	143.8	144.3	145.8	147.2												
HOUSE HAHN ROAD		149.00	-1.0	144.7	145.8	146.4	148.0	147.5												
KATY HOCKLEY ROAD	1180	162.20	-0.4	161.5	162.5	162.9	164.0	162.8												
SHARP ROAD		164.42	-0.1	167.6	169.2	169.9	171.7	169.8												

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

(?) = Survey Dept research needed to confirm elevation

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

CYPRESS CREEK TRIBUTARIES

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	Storm Events									
								10/18/94	10/19/98	11/14/98	ALLISON 6/9/01	IKE 9/13/08	4/28/09	7/12/12	4/18/16	5/27/16	HARVEY 08/27/17
K111 @ FM 1960		81.53	-1.4	71.9	75.0	77.8	85.3	74.6		71.4		73.3	69.0	67.7	76.1	68.2	80.1
K133 @ CYPRESSWOOD		108.36	-1.5	108.5	111.3	112.4	115.1	109.9	108.8	107.3		106.5	106.5	N/A	110.8	105.4	115.7
K142 @ JONES RD		121.74	-2.3	117.2	120.2	121.5	124.2				121.4	116.9	119.1	120.1	123.7	119.4	123.2
K166 @ MATHIS	1190	206.86	-0.6	208.8	209.7	210.1	211.1							207.9	209.3	208.1	208.9
K166 @ FM 362	1195																226.2
LIVE OAK CREEK @ PENICK	1186																188.2

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

LITTLE CYPRESS CREEK L100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								10/18/94	10/19/98	11/14/98	ALLISON 06/09/01	IKE 09/13/08	4/28/09	7/12/12	3/10/16	4/18/16	5/27/16	HARVEY 8/27/17					
KLUGE	1210	137.03	-1.7	132.5	134.5	135.1	136.1	136.3		133.9	135.3	128.7	133.4	135.4	131.3	136.4	135.5	137.0					
SPRING CYPRESS		144.56	-1.4	140.8	142.9	143.8	145.7	145.3	144.6	141.8	144.0	139.0	139.4	143.9	141.0	145.2	143.0	145.0					
CYPRESS ROSEHILL	1220	164.10	-0.8	158.0	159.1	159.5	160.7	159.1	160.2	159.2	159.5	156.0	158.6	160.4	159.0	162.1	161.3	161.2					
MUESCHKE		173.03	-1.1	166.3	167.3	167.8	169.1	166.8	167.1	167.1	168.5	164.4	166.6	168.3	167.3	172.2	169.7	170.2					
BAUER		190.03	-0.4	186.6	187.4	187.8	188.7	188.7	188.7	187.5	187.7	186.0	186.5	188.9	187.1	189.7	189.7	189.6					
BECKER	1230	200.12	-0.6	195.2	196.0	196.2	196.9	197.1	197.0	195.8	196.4	193.5	195.4	197.2	195.1	197.8	197.3	197.8					
ROBERTS		204.10	-0.4	202.2	203.2	203.6	204.5	204.4	205.0	202.8	203.1	200.8	202.2	204.6	202.6	205.6	204.9	204.8					
BAUER-HOCKLEY		212.93	-0.4	207.2	207.7	207.9	208.5	210.1	209.5	208.9		206.4	207.3	210.9	207.5	211.8	209.3	208.4					
HEGAR @ L120		220.01	-0.9					216.9	219.1			216.6	217.8	220.0	218.08	219.5	219.8	219.5					
KERMIE @ L120		231.55	-0.5					216.7	227.0				224.4	226.2	225.6	228.1	227.0	225.2					
KICKAPOO @ L120		235.71	-0.9					238.8	242.4				234.7	237.6	234.9	238.3	237.9	237.2					

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

WILLOW CREEK M100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS														HARVEY 8/27/17	
								1/19/79	4/19/79	9/21/79	11/26/85	10/18/94	10/19/98	11/14/98	ALLISON 6/9/01	7/26/06	IKE 9/13/08	4/28/09	7/12/12	3/10/16	4/18/16		5/27/16
GOSLIN RD		113.48	-1.4	116.4	121.6	123.0	128.6		110.4	109.3	109.9	122.3	108.9	110.8	108.7	110.9	111.8	107.5	108.9	107.0	115.3	115.4	122.8
KUYKENDAHL	1320	135.53	-1.4	129.4	131.4	132.3	134.5	129.0	126.1	127.2		127.8	127.2	126.6	128.5	129.0	132.0	128.4	126.4	125.7	132.0	130.1	133.9
FM 2920		142.96	-1.4	138.9	140.8	141.6	144.0	137.3	136.2	136.0	137.8	140.7	139.4		140.6	139.0	140.2	139.8	137.9	136.2	140.9	141.0	143.5
HUFFSMITH KOHRVILLE		149.43	-0.9	149.5	151.0	151.7	154.1	149.4			147.1	150.4	149.5	147.9	150.0	149.7	148.3	147.7	148.3	147.6	151.5	150.5	152.3
SH 249	1340	161.13	-0.4	157.4	158.6	159.1	160.6	161.0	163.6		156.6	157.7	156.9	155.1	152.2	157.6	156.9	155.9	156.9	156.0	158.6	158.0	159.1
TELGE RD		161.83	-0.9	160.7	161.6	162.1	163.6			158.0		160.3	161.2	160.8	162.6	161.3	161.3	160.7	159.5		161.0	162.0	161.2
CYPRESS ROSEHILL		168.79	-0.9	168.1	168.5	168.7	169.1				164.3	167.2	168.3	166.5	167.2	167.7	167.1	168.0	167.3	167.2	167.8	167.0	165.7

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

CARPENTERS BAYOU N100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS														
								10/18/94	ALLISON 6/9/01	6/19/06	ERIN 8/16/07	IKE 9/13/08	10/31/15	HARVEY 8/27/17								
SHELDON		21.31	-0.3	6.4*	10.3*	11.8*	14.9*	7.2		4.2 ¹		10.9	6.9	11.0								
MARKET		17.80	-0.3	14.0	16.7	17.9	21.0		16.8	10.9	12.6	12.5	11.8	14.3								
I-10 & EAST BELT	1420	20.29	-0.3	15.3	18.0	19.4	21.9	19.1	18.4	17.0	12.6	14.8	15.0	17.8								
WOODFORD		21.17	-0.2	20.6	22.9	23.8	26.2	21.4	21.5	19.3	17.9	18.0	19.1	23.1								
WOODFOREST		28.94	-0.3	22.6	24.9	25.8	28.1	24.5	25.2	23.2	21.2	18.4	21.1	25.6								
WALLISVILLE	1440	34.43	-0.4	27.4	30.0	31.1	32.9	28.9	29.6	28.6	24.4	25.0	28.1	32.0								
US 90	1460	41.20	-0.8	33.4	35.8	36.5	37.5	36.2	36.6	32.4		33.4	34.2	37.3								
OLD US 90		46.00	-0.7	36.3	38.4	39.0	40.3	36.9	39.1	35.0		34.6	36.2	39.0								

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

¹ = Suspect elevation, low confidence in field

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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

GOOSE CREEK O100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								ALICIA 8/18/83	10/18/94	EDOARD 8/5/08	IKE 9/13/08	4/18/09	HARVEY 8/27/17										
OLD HWY 146	1520	17.16	-0.2	5.5*	10.4*	12.2*	16.0*	9.9	3.0	3.5	12.4	2.5	5.3										
WEST MAIN		15.80	-0.2	5.6*	10.4*	12.2*	16.0*	10.2		4.7	13.3	2.8	6.5										
MARKET ST		16.03	-0.2	6.0*	10.4*	12.2*	16.0*	10.8		3.2	12.6	4.2	5.5										
DECKER		10.14	-0.2	6.6*	10.6*	12.2*	16.0*	11.4		4.3	12.7	5.2	6.1										
PARK DR		15.87	-0.2	8.0*	11.0*	12.9*	16.0*			3.0	13.0	4.0	12.1										
LOOP 201 (HWY 146)			-0.2	9.3*	12.0*	14.7*	16.6*	11.9					15.7										
ROLLING BROOK		21.48	-0.2	15.6	17.6	18.4	19.8			12.0			18.4										
BAKER RD	1540	20.76	-0.2	19.3	20.6	21.2	22.7	18.0	19.7	16.2	16.3	16.2	22.3										
CEDAR BAYOU RD		25.57	-0.3	22.4	23.7	24.1	25.1	20.7		19.3	18.3	17.9	24.5										
IH 10		28.95	-0.2	26.5	26.9	27.0	27.5	26.1		23.4	24.5	25.6	28.6										
WALLISVILLE RD		36.28	-0.2	32.8	33.6	33.8	34.3	33.1		31.2	30.7	31.9	33.3										

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

NOTE: Loop 201 discontinued August 2006 as HWM location due to traffic safety

NOTE: Park Dr. established in August 2006 as HWM location to replace Loop 201

NOTE: Rolling Brook established in August 2008.

NOTE: HWM's established on O105-00 for TS Edouard Event--see flood file

* = Combined Probability (includes storm surge and rainfall)

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFC D HIGH WATER MARKS

9/19/2017

GREENS BAYOU P100-00-00 (PAGE 1 of 2)

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 to '01 ADJUST	10.0%	2.0%	1.0%	0.2%																IKE 9/13/08		
								10/49	CARLA 9/61	9/19/79	6/11/81	8/31/81	ALICIA 8/18/83	5/19/89	6/26/89	3/4/92	10/18/94	ALLISON 6/5/01 6/9/01		10/29/02	11/17/03	12/14/05		6/19/06	10/16/06
MARKET STREET		30.08	-0.1	12.0*	15.6*	17.0*	20.4*				23.1		9.8		10.7				13.8	5.2	8.1		4.1	7.7	12.5
NORMANDY	1610	27.50	0.0	15.7	18.9	20.4	23.3							15.7	12.9	11.1		21.2	8.3	9.5		5.0	10.3	9.6	
WALLISVILLE ROAD		27.30	-0.6	22.4	25.8	27.40	30.8		21.7	19.6			12.9		25.1	25.4	18.1		32.8(?)	18.5	18.5		12.9	19.7	19.8
S. LAKE HOUSTON PKWY		36.78	-0.6	23.8	27.2	28.9	32.6						18.2		25.5		21.8	3.5	22.0 ¹	20.5	19.9		14.1	21.1	22.0
U.S. HIGHWAY 90		31.08	-0.6	28.7	31.8	33.1	36.7	26.0	28.3	25.6	21.2		28.0		34.8	33.4	28.6		36.9	29.8	29.7		21.1	28.4	27.0
GREENRIVER (LEY) RD	1620	35.71	-0.4	30.5	34.0	35.5	38.8				23.9		28.7	34.2	35.8	31.9	31.8	31.3	36.1 ¹	33.1	31.8		27.3	29.4	31.0
TIDWELL	1685	34.23	-0.4	34.3	37.6	39.3	42.9			32.9	28.0		29.7	38.2	38.2	38.0	34.7	33.2	41.9	36.7			26.9	31.9	33.9
E. MT. HOUSTON	1600	50.99	-0.9	44.8	47.3	48.3	50.8										50.7	(?)	(?)	47.0	50.6	41.4	42.9	46.2	47.8
HOMESTEAD		60.94	-1.7	59.4	61.7	62.6	63.5			59.1	56.6	58.0	59.1		59.9	59.6	59.4	59.2	62.8	60.4	58.5	56.5	52.3	57.4	58.0
U.S.59	1640	65.63	-1.8	60.6	62.3	63.1	64.1	60.0	60.5	59.7			60.0	62.5	62.1	60.6	61.4	59.5	63.2	62.4	59.9	58.4	58.1	58.1	58.5
ALDINE BENDER (FM 525)		74.32	-0.9	66.9	68.4	69.6	71.0	70.9		67.5	59.1	65.7	68.0		68.3		61.7		73.4	67.6	66.6		63.3	63.5	65.4
BELTWAY 8	1645	72.73	-1.5	69.5	71.3	72.4	73.1											68.2	71.6	70.0	71.2	66.1	68.5	65.6	
ALDINE WESTFIELD		73.04	-2.0	71.8	73.6	74.3	75.3	74.1		67.8	61.3	68.2	67.7		70.3		65.7	71.4	74.1	70.8	69.8	68.6	67.5	66.9	69.7
HARDY ROAD		79.38	-2.4	76.9	78.1	78.7	79.6					71.3	74.3		77.3			74.9	78.8	70.7	76.3	77.0	79.4	75.6	76.2
KNOBCREST	1660	88.02	-2.4	85.4	87.1	87.7	88.6											81.6	86.7	86.6	84.6	82.6	79.7	80.7	82.8
I.H. 45		91.61	-2.4	86.7	88.4	88.9	89.7			86.8		79.4	82.1	84.8	85.7	82.1		83.5	88.2	84.7	87.7	82.8	80.0	82.1	83.9
VETERANS MEMORIAL		102.73	-2.9	98.7	99.9	100.4	101.6			98.2			97.2		97.6				100.8	100.2	98.0	97.2	96.5	97.4	97.2
BAMMEL-N. HOUSTON	1665	111.27	-3.0	106.3	107.6	108.0	108.8	107.8					102.2		103.6				108.2	106.9	105.4	102.2	103.6	101.7	102.7
CUTTEN ROAD	1670	117.51	-3.7	112.3	113.4	113.7	114.7								112.8				114.1	111.2	110.1	109.4	109.9	110.2	109.5
F.M.249		116.41	-3.8	114.9	116.2	116.7	118.1								113.8				116.0	117.0		112.3	113.0	110.6	112.4

GREENS BAYOU Tributaries

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 to '01 ADJUST	10.0%	2.0%	1.0%	0.2%	Storm Events																	
								6/19/06	IKE 9/13/08	4/18/09	8/1/14														
P138																									
ALDINE WESTFIELD	1695	69.28	-2.2	67.2	68.2	68.4	68.7	69.6	68.5	67.8	67.6														
REEVESTON		73.07	-2.2	70.7	72.0	72.3	72.6	71.3	72.2	71.1	71.4														
WEST HARDY ST		76.45	-2.2	74.5	76.1	76.7	77.7	73.8	74.4	74.2	74.5														
LILLJA		80.71	-2.2	76.9	77.9	78.2	78.6	79.1	77.2	76.4	77.7														

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

¹ = Suspect elevation, low confidence in field

(?) = Survey Dept research needed to confirm elevation

* = Combined Probability (includes storm surge and rainfall)

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
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SUMMARY SHEET - HCFC D HIGH WATER MARKS

9/19/2017

GREENS BAYOU P100-00-00 (PAGE 2 of 2)

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 to '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS										
								10/31/15	4/18/16	HARVEY 8/27/17								
MARKET STREET		30.08	-0.1	12.0*	15.6*	17.0*	20.4*	6.9	5.7	18.5								
NORMANDY	1610	27.50	0.0	15.7	18.9	20.4	23.3	12.1	8.2	22.7								
WALLISVILLE ROAD		27.30	-0.6	22.4	25.8	27.40	30.8	20.1	11.9	33.1								
S. LAKE HOUSTON PKWY		36.78	-0.6	23.8	27.2	28.9	32.6	21.2	N/A	32.8								
U.S. HIGHWAY 90		31.08	-0.6	28.7	31.8	33.1	36.7	28.1	26.0	36.8								
GREENRIVER (LEY) RD	1620	35.71	-0.4	30.5	34.0	35.5	38.8	31.1	29.0	42.3								
TIDWELL	1685	34.23	-0.4	34.3	37.6	39.3	42.9	32.0	31.9	43.4								
E. MT. HOUSTON	1600	50.99	-0.9	44.8	47.3	48.3	50.8	44.2	44.4	51.5								
HOMESTEAD		60.94	-1.7	59.4	61.7	62.6	63.5	54.8	56.7	61.6								
U.S.59	1640	65.63	-1.8	60.6	62.3	63.1	64.1	56.6	59.8	62.7								
ALDINE BENDER (FM 525)		74.32	-0.9	66.9	68.4	69.6	71.0	62.8	67.4	68.2								
BELTWAY 8	1645	72.73	-1.5	69.5	71.3	72.4	73.1	64.7	69.7	71.7								
ALDINE WESTFIELD		73.04	-2.0	71.8	73.6	74.3	75.3	68.1	71.6	73.6								
HARDY ROAD		79.38	-2.4	76.9	78.1	78.7	79.6	75.3	75.7	78.5								
KNOBCREST	1660	88.02	-2.4	85.4	87.1	87.7	88.6	79.6	84.9	85.8								
I.H. 45		91.61	-2.4	86.7	88.4	88.9	89.7	81.1	86.0	87.0								
VETERANS MEMORIAL		102.73	-2.9	98.7	99.9	100.4	101.6	93.9	99.7	98.8								
BAMMEL-N. HOUSTON	1665	111.27	-3.0	106.3	107.6	108.0	108.8	100.6	106.6	106.1								
CUTTEN ROAD	1670	117.51	-3.7	112.3	113.4	113.7	114.7	107.3	112.4	111.8								
F.M.249		116.41	-3.8	114.9	116.2	116.7	118.1	108.7	114.5	115.7								

GREENS BAYOU Tributaries

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 to '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS										
								10/31/15	4/18/16	HARVEY 8/27/17								
P138																		
ALDINE WESTFIELD	1695	69.28	-2.2	67.2	68.2	68.4	68.7	67.3	67.9	69.2								
REEVESTON		73.07	-2.2	70.7	72.0	72.3	72.6	71.0	71.6	71.1								
WEST HARDY ST		76.45	-2.2	74.5	76.1	76.7	77.7	74.0	74.7	76.3								
LILLJA		80.71	-2.2	76.9	77.9	78.2	78.6	75.8	77.6	77.8								

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

¹ = Suspect elevation, low confidence in field

(?) = Survey Dept research needed to confirm elevation

* = Combined Probability (includes storm surge and rainfall)

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SUMMARY SHEET - HCFCF HIGH WATER MARKS

9/19/2017

HALLS BAYOU P118-00-00 (PAGE 1 of 2)
 GARNERS BAYOU P130-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS																
								10/49	3/72	4/73	8/31/81	ALICIA 8/18/83	10/25/84	3/4/92	10/18/94	(2) 3/12/97	FRANCES 9/11/98	ALLISON 6/5/01	6/9/01	10/29/02	11/17/03	12/14/05	6/19/06	10/16/06
HALLS BAYOU																								
MESA		39.96	-1.1	31.1	33.8	34.9	37.6	34.8	31.7			36.9	35.1	38.1	32.5	29.9		33.6		34.0		25.5	32.3	34.6
TIDWELL	1675	47.38	-0.9	39.2	41.6	42.3	44.4														34.0	36.2	37.3	
WAYSIDE			-0.9	39.4	41.9	42.7	44.8					38.0	43.9	42.4	38.1	34.8		37.7	46.5	36.6	47.4	35.8	36.1	37.3
HOMESTEAD RD		47.11	-1.2	44.5	47.0	47.5	49.7		44.8			41.5	46.0	46.0		40.2	40.9	41.5	48.8	41.0	40.2	37.2	41.7	38.7
PARKER RD		48.86	-1.1	47.1	49.5	50.0	52.1										43.1	44.7	51.3	43.5	42.5	39.8	40.8	42.6
HIRSH RD		56.82	-1.3	52.6	54.2	54.7	56.1					42.8	52.4	52.4		50.3	48.8	51.0	57.6	48.9	46.1	44.8	48.3	47.3
US 59		60.79	-1.6	56.3	57.2	57.6	59.2			51.8			56.4			55.2	54.4	55.5	58.2	57.1	53.7	50.3	54.3	53.3
JENSEN DR	1680	57.47	-1.6	56.9	57.9	58.3	59.7	57.5	55.1	51.3	54.1	53.1	56.5	57.1		55.0	54.4	56.1	58.9	55.2	53.2	50.8	54.4	53.5
LITTLE YORK		61.24	-1.3	58.3	59.2	59.5	60.6	60.5		56.4		52.7	57.8	58.6		57.5	56.3	57.8	60.0	56.7	55.8	53.1	56.4	55.9
HOPPER RD		60.00	-1.6	59.8	60.4	60.8	61.6										57.6	58.6	59.9	58.3	58.3	55.4	57.7	57.4
BERTRAND RD		63.09	-1.7	61.3	62.3	62.8	63.6										60.3	59.9	62.8	59.6	59.2	56.4	59.2	58.6
ALDINE WEST FIELD		68.14	-1.4	65.5	66.8	67.2	68.3		65.3	62.1	64.6	60.1	66.6	66.0		64.4	62.2	63.5	67.6	64.0	64.6	60.0	62.9	62.3
HARDY TOLL RD		77.39	-1.0	69.4	70.3	70.7	71.5		71.2	67.1	68.6	68.1	69.5	70.0		68.9	69.1	68.6	70.8	71.2	68.0	66.2	67.9	68.0
AIRLINE DR	1690	77.73	-1.4	75.2	76.1	76.5	77.4	72.9				72.4	75.7	76.9		73.0	73.2	73.0	76.6	74.2	74.3	72.1	73.6	74.4
SWEETWATER		77.11	-2.7	78.0	78.7	79.0	79.5										77.0	75.4	77.2	77.1	75.7	75.1	77.2	76.8
W. MOUNT HOUSTON		77.13	-2.8	78.3	78.9	79.2	79.8						76.6			75.1	76.3	74.6	78.1	76.7	76.2	75.8	77.3	77.2
IH 45		80.16	-2.8	78.7	79.3	79.7	80.3		79.0	73.5	76.3	77.9	76.6	78.3		76.1	75.9	74.8	78.4	76.5	75.8	75.6	77.4	77.6
TURNEY		78.93	-2.8	79.1	80.0	80.3	81.1										77.7	76.7	80.2	79.1	76.8	75.7	77.3	77.3
SUNNYWOOD		79.45	-3.0	80.2	80.7	81.0	81.6										78.2	77.2	81.3	79.4	79.5	76.6	77.7	78.1
DEER TRAIL		81.91	-2.8	81.5	81.9	82.1	82.6										80.2	79.5	82.6	81.4	79.5	78.5	80.5	79.9
VETERANS MEMORIAL		89.85	-1.8	83.0	83.8	84.0	84.6		85.6	83.4	86.4	81.5	81.6			82.8	77.8	81.9	85.3	81.2	82.3	79.1	80.4	80.1
GARNERS BAYOU																								
BELTWAY 8	1630	56.91	-1.2	54.9	55.8	56.5	57.7								51.1				57.8	56.9		48.9	48.7	52.2
RANKIN	1650	69.07	-0.9	66.6	68.1	68.5	69.8													66.3		62.1	61.0	62.6
US 59		79.02	-0.7	74.1	75.9	76.5	78.1								71.2				77.1	74.5		69.4	68.0	72.0

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

(2) DOWNSTREAM ELEVATIONS LISTED.

(?) = Survey Dept research needed to confirm elevation

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
 High water marks are approximate. HCFCF assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFC D HIGH WATER MARKS

9/19/2017

HALLS BAYOU P118-00-00 (PAGE 2 of 2)

GARNERS BAYOU P130-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS									
								IKE 9/13/08	10/31/15	4/18/16	8/8/17	HARVEY 8/27/17					
HALLS BAYOU																	
MESA		39.96	-1.1	31.1	33.8	34.9	37.6	36.1	33.9	28.4	24.2	37.4					
TIDWELL	1675	47.38	-0.9	39.2	41.6	42.3	44.4	39.9	37.5	32.9	30.4	45.4					
WAYSIDE		46.85	-0.9	39.4	41.9	42.7	44.8	40.3	36.4	32.3	31.0	45.2					
HOMESTEAD RD		47.11	-1.2	44.5	47.0	47.5	49.7	44.0	41.7	36.7	34.4	46.3					
PARKER RD		48.86	-1.1	47.1	49.5	50.0	52.1	45.9	46.3	38.2	37.7	50.0					
HIRSH RD		56.82	-1.3	52.6	54.2	54.7	56.1	51.4	52.5	43.9	43.4	53.2					
US 59		60.79	-1.6	56.3	57.2	57.6	59.2	56.1	52.3	49.8	48.2	57.2					
JENSEN DR	1680	57.47	-1.6	56.9	57.9	58.3	59.7	55.5	53.3	51.1	49.2	57.5					
LITTLE YORK		61.24	-1.3	58.3	59.2	59.5	60.6	57.8	54.0	53.7	51.5	58.8					
HOPPER RD		60.00	-1.6	59.8	60.4	60.8	61.6	58.9	55.4	55.5	54.2	60.2					
BERTRAND RD		63.09	-1.7	61.3	62.3	62.8	63.6	60.3	57.1	56.4	56.0	62.3					
ALDINE WEST FIELD		68.14	-1.4	65.5	66.8	67.2	68.3	64.4	60.9	61.0	60.5	66.9					
HARDY TOLL RD		77.39	-1.0	69.4	70.3	70.7	71.5	69.5	67.7	68.1	65.8	71.0					
AIRLINE DR	1690	77.73	-1.4	75.2	76.1	76.5	77.4	76.0	72.0	75.3	74.5	77.0					
SWEETWATER		77.11	-2.7	78.0	78.7	79.0	79.5	77.1	75.9	76.5	77.2	79.3					
W. MOUNT HOUSTON		77.13	-2.8	78.3	78.9	79.2	79.8	78.5	75.9	76.8	77.5	79.9					
IH 45		80.16	-2.8	78.7	79.3	79.7	80.3	78.4	76.6	77.1	78.3	80.3					
TURNERY		78.93	-2.8	79.1	80.0	80.3	81.1	78.4	76.7	77.5	77.8	80.4					
SUNNYWOOD		79.45	-3.0	80.2	80.7	81.0	81.6	79.6	80.2	78.4	78.9	81.0					
DEER TRAIL		81.91	-2.8	81.5	81.9	82.1	82.6	81.3	78.7	79.1	80.6	82.3					
VETERANS MEMORIAL		89.85	-1.8	83.0	83.8	84.0	84.6	82.2	79.8	79.2	81.3	83.4					
GARNERS BAYOU																	
BELTWAY 8	1630	56.91	-1.2	54.9	55.8	56.5	57.7	53.9	51.8	51.8		58.0					
RANKIN	1650	69.07	-0.9	66.6	68.1	68.5	69.8	63.3	63.0	64.0		68.7					
US 59		79.02	-0.7	74.1	75.9	76.5	78.1	73.4	71.6	72.4		77.8					

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

(2) DOWNSTREAM ELEVATIONS LISTED.

(?) = Survey Dept research needed to confirm elevation

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS														
								10/18/94	5/20/00	IKE 9/13/08	10/31/15	5/27/16	6/4/16	HARVEY 8/27/17								
S.H. 146	1720	24.88	0.1	9.6*	12.2*	13.9*	17.0*	11.9	3.5	12.9	5.7	5.0	6.6	18.0								
IH 10		24.37	0.0	17.7	20.5	21.5	24.3	27.4	17.9	17.8	22.8	16.7	18.6	30.5								
FM 1942	1730	32.49	0.0	27.2	29.3	30.0	31.6	32.2	27.5	26.8	31.0	25.9	28.3	34.4								
U.S. 90	1740	64.91	-0.1	52.6	54.3	54.9	56.8	56.1	50.1	53.7	55.1	54.1	50.4	59.0								
CROSBY-EASTGATE		62.18	-0.1	60.0	61.3	61.7	62.7		58.6	61.0	61.3	60.2		63.6								
OLD RAMSEY RD		65.38	-0.1								64.3	64.1		66.6								
FM 1960		74.44	-0.1	66.6	68.8	70.1	71.4		69.0	69.6	68.8	69.0		71.6								
SMITH GULLY @ HWY 146	1725	28.76	-0.1	22.9	23.6	24.0	25.2							31.1								

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

MASON CREEK T101-00-00
 BUFFALO BAYOU T100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								ALICIA 8/18/83	10/18/94	4/28/09	4/18/16	HARVEY 8/27/17											
T101																							
PRINCE CREEK	2020	110.63	-1.1	102.7	105.0	106.1	108.7	100.8	98.8	106.0	106.0	107.8											
PARK PINE		113.54	-1.2	104.4	107.0	108.2	111.0	103.8		108.0	107.1	108.9											
IH 10		126.52	-1.0	116.0	118.6	119.7	122.3	121.9		115.2	115.1	119.5											
MASON RD		130.5	-1.0	120.5	123.0	124.1	126.1	119.3		121.5	122.8	124.5											
COLONIAL PARKWAY		131.24	-1.1	123.4	125.9	126.9	128.9	123.7		125.0	125.8	127.8											
T100																							
US 90	2040	140.25	-0.5	134.0	136.2	137.0	138.5			134.3	137.9	139.5											
10TH ST			-0.5	137.4	140.4	141.3	142.9				142.3	143.1											
FRANZ RD		145.36	-0.5	139.3	141.9	142.8	144.2	128.6	140.9	138.6	143.0	144.0											
MORTON RD			-0.5	148.7	150.4	151.0	151.8				150.3	151.1											
CLAY RD	2050		-0.5	155.2	156.3	156.7	157.6				156.9	157.2											
PITTS RD			-0.5	157.1	158.0	158.3	159.0				159.5	158.5											
WILLOW FORK @ PEDERSON	2060											149.6											
BARKER DAM	2010	111.55	-0.5							91.2	95.2	101.6											

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

Morton, Clay, Pitts Rds added as HWM location 4/2016

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
 High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

LANGHAM CREEK U100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS										
								10/18/94	7/26/06	IKE 9/13/08	4/28/09	10/29/09	7/12/12	4/18/16	HARVEY 8/27/17			
MEMORIAL DR		79.42	-1.9						62.7	65.5	73.8	N/A	N/A	N/A	81.9			
ADDICKS DAM	2110	117.02	-1.1						90.8	N/A	100.0	N/A	94.1	102.5	109.1			
ADDICKS SATSUMA RD		107.81	-4.2	103.6	105.2	105.9	107.6		104.0	106.4	107.2	102.9	101.2	107.2	110.1			
W. LITTLE YORK	2120	112.90	-4.6	106.2	108.6	109.5	112.4	95.8	103.2	108.2	111.2	106.1	106.8	113.3	111.4			
BARKER CYPRESS RD		123.73	-3.1	116.2	118.8	120.1	122.8			117.0	119.7	114.9	110.9	119.5	120.1			
AUTUMN HILLS DR		125.29	-2.8	119.0	121.5	122.6	125.1		117.6	118.3	121.1	116.1	116.8	120.7	122.4			
FM 529		131.26	-2.7	123.0	125.0	126.1	128.3		117.0	121.4	123.4	120.6	121.5	124.4	126.4			
LONGENBAUGH	2140	136.28		131.4	134.5	136.2	137.7							131.1	134.5			
FRY RD														141.4	141.1			

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

LONGENBAUGH AND FRY ADDED AS HWM LOCATIONS IN JULY 2014

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
 High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

SOUTH MAYDE CREEK U101-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS													
								ALICIA 8/18/83	10/18/94	10/19/98	7/26/06	IKE 9/13/08	4/28/09	7/12/12	4/18/16	8/8/17	HARVEY 8/27/17				
HWY 6		97.64	-2.0					93.3		83.2	90.7	92.6	96.8	94.2	102.5	96.6	109.8				
BARKER CYPRESS RD		107.69	-2.0	106.1	107.3	107.7	108.8	103.2	103.7	103.1		105.4	107.1	103.3	107.2	102.8	109.4				
GROESCHKE RD		106.75	-2.5	107.3	108.3	109.3	110.2	103.7		104.5	105.2	105.4	107.8	103.5	107.4	106.0	109.8				
GREENHOUSE RD	2150	109.95	-2.0	109.6	110.5	110.9	111.8		103.7	109.2	110.2	110.4	111.5	108.5	111.4	110.5	111.9				
FRY RD		114.19	-1.5	114.2	116.4	117.2	118.9	110.7	110.4	111.6	110.3	113.7	113.3	110.3	113.4	112.7	117.3				
RAINTREE VILLAGE		124.84	-1.6	118.7	120.6	121.2	122.5			115.2	112.3	117.8	117.9	112.6	119.0	115.3	122.3				
MORTON RD	2170			120.6	123.4	124.4	125.9			117.8	114.0	118.6	118.4	113.4	123.4	117.3	124.8				
LAKES OF BRIDGEWATER		129.01	-1.5	122.5	125.3	126.3	128.0			119.7	115.9	120.5	120.3	115.3	124.0	118.0	126.3				
CLAY RD		133.45	-1.3	125.9	128.2	129.2	131.5			125.3	119.6	129.3	124.8	119.0	129.2	121.0	130.8				
STOCKDICK RD		139.57	-1.2	139.4	140.2	140.6	141.3		140.0	139.1	131.0	137.8	140.1	137.4	140.8	137.2	141.2				
PEEK RD	2190	142.42	-1.2	142.4	143.0	143.2	143.7			142.9	135.1	138.7	142.0	139.8	141.4	140.9	144.6				
KATY HOCKLEY CUT OFF		156.62	-1.1	153.0	153.4	153.6	154.1		152.9	154.0		150.0	153.2	152.4	154.3	150.9	154.6				
FM 529		157.41	-0.7	157.2	157.5	157.6	157.9			159.6	153.7		157.6	157.4	157.4	156.7	158.3				

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

MORTON RD ADDED AS A HWM LOCATION IN JULY 2014, HWM'S TRANSLATED FROM LAKES OF BRIDGEWATER USING PROFILES FOR FWS PRIOR 2012

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

BEAR CREEK U102-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS														
								10/18/94	10/19/98	7/26/06	IKE 9/13/08	4/28/09	7/12/12	4/18/16	5/27/16	HARVEY 8/27/17						
CLAY RD	2160	116.55	-2.6	108.8	111.3	112.4	114.1			108.0	111.3	114.4	108.7	114.9		114.6						
FRY ROAD		133.09	-2.4	124.7	126.8	127.5	129.9	122.4	121.7	118.8	124.9	127.0	123.6	127.9		130.5						
STOCKDICK SCHOOL RD		148.90	-1.2	144.4	145.0	145.2	146.6	144.0		136.5	139.9	144.4	142.5	145.0		145.9						
FM 529	2180	148.37	-1.1	148.4	149.1	149.5	151.1	147.7	150.3	145.8	143.7	148.6	147.0	150.5	148.6	149.5						
LOGENBAUGH		158.98	-0.9	156.3	157.6	158.2	159.1		157.6	150.8	152.1	156.2	154.8	158.3		158.8						
KATY-HOCKLEY CUT OFF		158.11	-0.9					159.1	158.6		155.7	158.7	158.0	160.8	159.7	159.9						
KATY-HOCKLEY @ SHARP		166.24	-0.9						157.9		164.4	166.7		166.8	166.2	166.1						
U102-14 @ KATY-HOCKLEY		158.22	-0.9					160.7			157.3	159.0		166.9	160.9	161.4						

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

SUMMARY SHEET - HCFC D HIGH WATER MARKS

9/19/2017

HORSEPEN CREEK U106-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS								
								10/29/09	7/12/12	4/18/16	8/14/16	HARVEY 8/27/17				
W LITTLE YORK		108.87		103.6	106.2	107.5	110.3	104.4	104.5	108.3	105.9	109.3				
HUFFMEISTER		114.23		109.7	113.0	114.6	117.6	111.6	109.7	116.6	112.1	115.4				
TRIALSIDE	2130	115.16		112.0	115.5	116.8	119.0	112.8	111.2	118.9	113.3	115.9				
HWY 6		122.07		115.6	118.6	119.9	122.5	115.2	114.2	119.6	115.6	116.6				
PINE FALLS		123.45		117.6	120.5	121.8	124.2	115.8	116.5	121.2	117.6	119.8				
SUNNY RIDGE		127.31		121.0	123.0	124.1	126.3	116.7	122.5	122.2	119.0	127.6				

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

BUFFALO BAYOU W100-00-00

ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS																
								8/1/54	6/27/60	8/31/81	ALICIA 8/18/83	9/19/83	5/19/89	3/4/92	FRANCES 9/11/98	ALLISON 6/9/01	11/17/03	IKE 9/13/08	4/28/09	5/26/15	4/18/16	HARVEY 8/27/17		
TURNING BASIN	2210	17.07		6.0*	10.5*	12.2*	16.1*											15.0			6.8	12.1		
MCKEE ST		43.29		21.4	26.8	29.4	34.4											23.4	17.5	23.4	22.5	30.1		
SAN JACINTO ST		37.83		23.9	29.2	31.8	37.4											25.7	21.0	29.4	27.2	37.2		
MILAM	2220	26.35	-0.8	27.1	32.6	35.6	41.3								30.4	35.9	22.7	27.8	21.6	31.3	28.7	37.8		
SABINE ST		40.07		30.1	33.8	37.0	42.8											21.6	23.3	32.1	29.9	39.9		
SHEPHERD	2240	40.80	-1.2	30.8	34.7	38.0	43.9	18.5	26.2	22.7	22.5	23.3	27.2	31.6	33.9	40.5	25.4	31.0	28.0	33.8	31.8	41.4		
LOOP 610 FRONTAGE		49.68	-1.5	33.6	38.4	41.3	47.6	30.7	33.7	33.9		34.0	36.7	40.9	38.4	42.6	35.5	36.8	38.7	42.4	35.7	46.5		
WOODWAY		45.35	-1.5	35.6	40.5	43.3	49.1			35.3			38.5		42.8		36.5	38.2	41.0	44.2	42.0	48.6		
FARTHER POINT		51.52	-1.9	40.6	46.0	48.8	54.0								47.3		40.9	42.7	45.1	47.9	46.0	54.7		
VOSS		58.80	-1.6	44.4	49.6	52.2	57.1		47.8	43.9	40.5			48.0	46.8	47.1 (?)	46.1	45.7	50.3	53.3	50.7	58.0		
SAN FELIPE	2260	57.28	-1.6	47.5	52.8	55.3	60.0			46.9			49.2		51.8		48.3	46.0	53.0	54.5	53.0	60.3		
BLALOCK/PINEY PT		64.10	-1.7	51.8	56.4	58.6	63.3	50.0		52.9		51.9	53.3	57.7	56.1		53.7	51.7	57.5	57.9	57.7	63.7		
GESSNER		65.65	-1.5	56.0	60.7	62.8	66.7			58.3	53.4	55.2	56.8	61.7	60.0		56.4	52.6	64.9	60.6	61.5	65.5		
WEST BELT	2270	70.12	-1.9	58.5	63.2	65.3	69.2			60.2			60.1	64.5			59.8	59.1	65.4	62.9	65.3	71.6		
N. WILCREST		71.62	-1.6	62.3	66.8	68.6	71.8			62.3		60.4	61.4	67.4	64.5		62.8	64.4	67.5	65.5	64.6	73.3		
DAIRY ASHFORD	2290	76.75	-1.7	65.8	70.0	71.8	74.7		68.8	67.9	65.4	63.1	66.3	71.8	68.3		68.9	65.2	70.5	69.1	70.7	76.3		
HWY 6		82.43	-1.8	70.7	75.4	77.1	80.1			63.5				76.5	71.3		71.6	69.4	75.8	72.4	75.9	81.1		
W140 @ BINGLE	2250	71.55	-2.5	61.5	63.5	64.5	66.6										64.3	66.8	65.0	65.2	63.3	63.6		
W140-01 @ CAMPBELL	2255	72.99	2.5	69.6	71.3	72.0	73.2														72.1	71.6		
W156 @ BRITTMORE	2280	76.00		73.3	75.9	76.8	79.0													73.6	72.9	74.4		

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

(?) = Survey Dept research needed to confirm elevation

* = Combined Probability (includes storm surge and rainfall)

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
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SUMMARY SHEET - HCFCD HIGH WATER MARKS

9/19/2017

MISCELLANEOUS GAGE LOCATIONS

UNIT @ ROAD NAME	STAGE GAGE	BRIDGE BM ELEV	78 TO '01 ADJUST	10.0%	2.0%	1.0%	0.2%	STORM EVENTS															
								10/18/94	ERIN 8/16/07	IKE 9/13/08	4/18/09	10/31/15	4/18/16	5/27/16	HARVEY 8/27/17								
R102 @ DIAMOND HEAD	1840	35.00	-0.2	23.7	25.1	28.8	35.5	29.9		N/A		25.5	16.9	22.3	34.0								
S100 @ FM 2100	1940	63.72	-0.3	50.3	56.7	58.8	64.8	56.8		46.4		N/A	48.7	50.9	60.0								
S100 @ DOVERBROOK										49.0		N/A		53.0	62.4								
F216 @ 8TH STREET	620	13.80	-0.6	10.6*	12.6*	13.6*	16.6*		13.7	12.3	11.8	N/A			11.6								
F101 @ SENS	640	20.73	-0.4						13.2	13.3	11.9	N/A			16.5								

NOTE: BRIDGE AND HIGH WATER ELEVATIONS ARE ON 1988 NAVD; 2001 ADJ

* = Combined Probability (includes storm surge and rainfall)

Exceedance probability elevations are from the June 9th, 2006 TSARP Flood Insurance Study.
 High water marks are approximate. HCFCD assumes no responsibility for their accuracy.

Capitol Improvement Basins					
	Storm Events				
		HARVEY			
Unit Number	8/8/2017	8/27/2017			
A520-03-00		30.2			
A521-01-00		33.6			
B500-01-00		27.2			
B500-02-00		23.1			
B500-04-00		26.8			
B509-03-00		17.5			
B512-01-00		23.2			
B513-02-00		20.9			
C500-01-00		60.4			
C500-03-00		38.5			
C506-01-00		33.8			
C506-02-00		34.4			
C506-03-00		26.3			
C506-03-00		26.2			
C547-01-00		55.4			
D500-01-00		75.1			
D500-04-00		79.3			
D500-06-00		68.9			
D500-06-00		68.8			
D500-08-00		53.0			
D512-01-00		54.4			
D512-01-00		52.0			
D512-01-00		51.9			
D512-01-00		51.5			
D512-01-00		51.9			
D512-01-00		55.7			
D519-01-00		59.6			
E500-01-00		89.9			
E500-02-00		90.4			

Capitol Improvement Basins					
	Storm Events				
		HARVEY			
Unit Number	8/8/2017	8/27/2017			
E500-03-00		83.8			
E500-04-00		81.2			
E500-06-00		72.6			
E500-10-00		90.0			
E500-11-00		112.4			
E500-12-00		115.5			
E515-01-00	68.5	68.9			
E521-02-00		85.2			
E532-01-00		122.6			
E535-01-00		102.0			
G504-01-00		22.8			
H500-01-00		36.1			
K500-01-00		124.0			
K500-05-00		122.7			
K538-01-00		111.8			
L500-01-00		200.5			
L500-02-00		135.5			
L512-01-00		206.9			
L514-01-00		192.5			
M500-01-00		155.4			
M525-01-00		160.4			
N500-01-00		35.2			
O500-01-00		16.1			
O500-02-00		22.5			
P500-01-00		44.8			
P500-02-00		109.6			
P500-03-00		51.3			
P500-04-00		70.8			
P500-05-00		100.3			

Capitol Improvement Basins					
	Storm Events				
		HARVEY			
Unit Number	8/8/2017	8/27/2017			
P500-06-00		68.4			
P500-07-00		90.1			
P500-08-00		85.0			
P518-02-00	56.4	64.5			
P518-03-00	47.1	57.7			
P518-04-00	48.6	57.7			
P545-01-00		94.8			
T501-01-00		137.5			
U500-01-00		113.1			
U500-02-00		137.4			
U502-02-00		160.6			
U506-05-00		136.7			
U520-01-00		125.6			