



# CH. 19 FLOODPLAIN ORDINANCE

DATA ANALYSIS

HOUSTON PUBLIC WORKS | MARCH 2018

# HARVEY IMPACT | BUILDINGS FLOODED

FLOODPLAIN	BUILDINGS* FLOODED	% OF ALL BUILDINGS	HOMES FLOODED
100-YEAR	30,501	27%	26,632
500-YEAR	28,459	33%	21,113
TOTAL	58,960	31%**	47,745

\* buildings include single-family homes, multi-family & commercial structures

\*\* average percent

RULES	EXISTING CH. 19	PROPOSED CH. 19
REGULATED AREA	100-year	100 + 500-year
ELEVATION	100-year + 1 foot	500-year + 2 feet
ZERO NET FILL	100-year	100 + 500-year
SUBSTANTIAL IMPROVEMENTS	100-year	100-year
ADDITIONS IN 500-YEAR	N/A	Elevation required if more than 1/3 of footprint
ELEVATION OF ADDITIONS	100-year + 1 foot	500-year + 2 feet
FOUNDATION	All types permitted outside floodway	All types permitted outside floodway

# STRICTER ELEVATION COULD HAVE PROTECTED MORE HOMES

ELEVATION	100-YEAR + 1 FOOT	500- YEAR	500-YEAR + 1 FOOT	500-YEAR + 2 FEET	500-YEAR + 3 FEET
<b>TOTAL HOMES STUDIED*</b>	31,822	31,822	31,822	31,822	31,822
excluding Buffalo & San Jacinto**	26,358	26,358	26,358	26,358	26,358
<b>TOTAL COUNT PROTECTED</b>	15,167	17,942	23,015	26,829	29,505
excluding Buffalo & San Jacinto**	14,748	16,873	21,283	23,753	25,262
<b>TOTAL % PROTECTED</b>	48%	56%	72%	84%	93%
excluding Buffalo & San Jacinto**	56%	64%	81%	90%	96%

\*Homes Studied means Floodplain Management Office knew elevation of lowest living floor AND recorded flood markings after Harvey. \*\*this includes Addicks and Barker Reservoirs + Lake Conroe & Lake Houston Reservoirs

# HOMES THAT WOULD HAVE BEEN PROTECTED BY ELEVATION

