

POST TROPICAL CYCLONE REPORT...HURRICANE HARVEY...CORRECTED
NATIONAL WEATHER SERVICE BROWNSVILLE TX
1245 PM CDT FRI SEP 1 2017

NOTE: THE DATA SHOWN HERE ARE PRELIMINARY...AND SUBJECT TO UPDATES
AND CORRECTIONS AS APPROPRIATE.

THIS REPORT INCLUDES EVENTS OCCURRING WHEN WATCHES AND/OR WARNINGS
WERE IN EFFECT...OR WHEN SIGNIFICANT FLOODING ASSOCIATED WITH HARVEY

COUNTIES INCLUDED...COASTAL CAMERON...CAMERON...COASTAL WILLACY...
WILLACY...BROOKS...KENEDY

AUG 29...CORRECTED FOR...DATE OF MARINE BUOY 42020 PEAK GUST AND
TYPOGRAPHICAL ERRORS IN RAINFALL LOCATIONS AND REMARKS SECTIONS.

AUG 30...CORRECTED FOR...ADDED PORT ISABEL MARINE WIND AND GUST AND
ADJUSTED GUST AT BRAZOS SANTIAGO PASS. ADJUSTED PEAK STORM SURGE AND
TIDE TO HIGHEST VALUE FOR EVENT WHICH OCCURRED AFTER TROPICAL STORM
WARNINGS WERE CANCELLED.

SEP 01...CORRECTED FOR...DATE/TIME FORMAT CHANGED FROM XXXX/XXXX TO
XX/XXXX TO ACCOUNT FOR HOURS AND MINUTES FOR METAR AND MARINE
OBSERVATIONS. ALSO AMENDED MARINE ANEMOMETER WIND SENSOR HEIGHTS
AND FREQUENCY OF OBSERVATIONS TO ALL LISTED LOCATIONS.

A. LOWEST SEA LEVEL PRESSURE/MAXIMUM SUSTAINED WINDS AND PEAK GUSTS

METAR OBSERVATIONS...

NOTE: ANEMOMETER HEIGHT IS 10 METERS AND WIND AVERAGING IS 2 MINUTES

LOCATION	ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
<u>LAT</u>	LON	<u>PRES</u>	TIME	SUST	TIME	<u>GUST</u>	TIME
DEG DECIMAL		(<u>MB</u>)	(<u>UTC</u>)	(<u>KT</u>)	(<u>UTC</u>)	(<u>KT</u>)	(<u>UTC</u>)

KBRO-BROWNSVILLE INTL ARPT
25.91 -97.42 1002.9 25/1153 300/022 25/1853 290/032 25/1753

KHRL-HARLINGEN VALLEY INTL ARPT
26.22 -97.66 1003.6 25/1252 310/023 25/1841 310/033 25/1852

KPIL-PORT ISABEL ARPT
26.15 -97.23 1001.9 25/1253 300/024 25/1553 300/034 25/1453

KBKS-BROOKS COUNTY ARPT
26.20 -98.12 1002.2 26/0215 290/019 26/0215 290/027 26/0215

REMARKS: ONLY BAYVIEW (KPIL) REACHED TROPICAL STORM FORCE WINDS ON
ASOS/AWOS OBSERVATIONS IN WARNING AREA.

NON-METAR OBSERVATIONS...

NOTE: ANEMOMETER HEIGHT IN METERS AND WIND AVERAGING PERIOD IN
MINUTES INDICATED UNDER MAXIMUM SUSTAINED WIND IF KNOWN

LOCATION	ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
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<u>LAT</u>	LON	<u>PRES</u>	TIME	SUST	TIME	<u>GUST</u>	TIME
DEG	DECIMAL	(<u>MB</u>)	(<u>UTC</u>)	(<u>KT</u>)	(<u>UTC</u>)	(<u>KT</u>)	(<u>UTC</u>)

KTXS33							
26.13	-97.17	1003.0	25/2240	999/999	99/9999	999/999	99/9999
KTXPTI4							
26.11	-97.31	1001.0	25/1305	360/022	25/1642	360/026	25/1532
KTXBRO22							
25.92	-97.52	1003.4	25/1312	280/010	25/1643	300/020	25/1537
KTXSANB2							
26.11	-97.49	1001.3	25/1202	290/020	25/2042	290/026	25/1458
TXHRLI6							
26.17	-97.66	1003.4	25/1256	999/999	99/9999	999/999	99/9999
KTXHRLI3							
26.22	-97.68	1005.4	25/1310	999/999	99/9999	999/999	99/9999
KTXHRLI7							
26.17	-97.75	1002.7	25/1303	999/999	99/9999	999/999	99/9999
KTXLAFE2							
26.14	-97.87	1003.1	25/1308	290/020	25/2052	290/025	25/2012
KTXPTM5							
26.55	-97.42	1001.4	25/1851	270/018	25/1819	270/023	25/1808
KTXENCI3							
26.84	-98.18	1002.0	25/1233	315/011	25/2136	280/017	26/0326
KTXENCI5							
27.02	-98.14	1003.4	26/0102	315/014	25/2243	315/020	25/2243
KTXRIVE4							
27.25	-97.89	1000.0	26/0035	290/018	26/0000	315/027	25/2145
REMARKS: MOST REPORTS ARE FROM WEATHER UNDERGROUND LOCATIONS AND/OR APRS/CWOP.							

B. MARINE OBSERVATIONS...

NOTE: ANEMOMETER HEIGHT IN METERS AND WIND AVERAGING PERIOD IN MINUTES INDICATED UNDER MAXIMUM SUSTAINED WIND IF KNOWN

LOCATION	ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
<u>LAT</u>	LON	<u>PRES</u>	TIME	SUST	TIME	<u>GUST</u>	TIME
DEG	DECIMAL	(<u>MB</u>)	(<u>UTC</u>)	(<u>KT</u>)	(<u>UTC</u>)	(<u>KT</u>)	(<u>UTC</u>)

42020-BUOY 35NM NE PT MANSFIELD TX							
26.96	-96.70	980.6	25/1850	280/052	25/1850	280/064	25/1850
05/10							
42045-TABS <u>K</u> 40NM E SPI TX							
26.21	-96.50	990.6	25/1330	330/037	25/1400	330/049	25/1400
3.4/30							
PTIT2-PORT ISABEL TX							
26.06	-97.22	1001.2	25/1154	320/021	25/1130	320/031	25/1142
8.4/06							

42044-TABS J 10NM NE SPI TX
 26.19 -97.05 1000.2 25/1100 320/027 25/1130 310/034 25/1400
 3.4/30

RSJT2-RINCON DEL SAN JOSE TX
 26.80 -97.48 999.6 25/1836 310/034 25/1836 310/041 25/1806
 10/06

BABT2-BAFFIN BAY TX
 27.30 -97.42 995.5 25/2306 999/044 25/2230 999/055 25/2206
 10/06

REAPN-REALITOS PENISULA TX
 26.26 -97.28 1001.6 25/1412 280/028 25/1542 280/036 25/1600
 10/06

SPIT2-SOUTH PADRE ISLAND TX
 26.06 -97.17 1000.9 25/1300 315/032 25/1518 320/040 25/1348
 10/06

BRZT2 - BRAZOS SANTIAGO PASS TX
 26.07 -97.15 1000.1 25/1254 290/032 25/1548 290/038 25/1454
 10/06

REMARKS: NOTE: STRONG GUSTS RETURNED ON MONDAY AUG. 28 WITH
 ELONGATION OF PRESSURE FIELD FROM CYCLONE WELL NORTH.

C. STORM TOTAL RAINFALL FROM 1200 UTC AUG 25 UNTIL 0600 UTC AUG 26

<u>LAT</u> LON DEG DECIMAL	COUNTY	ID	<u>RAINFALL</u> (IN)
7 E SARITA 27.21 -97.69	KENEDY	SRTT2	2.27
PORT MANSFIELD 26.55 -97.43	WILLACY	KTXPTMAN	2.05
SOUTH PADRE ISLAND 26.07 -97.18	CAMERON	SPIT2	1.80
PORT MANSFIELD 26.55 -97.43	WILLACY	PSFT2	1.27
LAGUNA VISTA 26.10 -97.29	CAMERON	KTXPTI4	1.17
5 W SARITA 27.21 -97.88	KENEDY	KTXRIVE4	0.93
3 N LAGUNA VISTA 26.14 -97.29	CAMERON	CMR-58	0.76
3 N BAYVIEW 26.16 -97.40	CAMERON	CAM-045	0.54
BAYVIEW 26.12 -97.40	CAMERON	KPIL	0.48

13 E BROWNSVILLE 25.92 -97.27	CAMERON	CMR-094	0.45
HARLINGEN 26.19 -97.69	CAMERON	CMR-085	0.45
2 NNE LOS FRESNOS 26.09 -97.46	CAMERON	CMR-105	0.44
8 E RIO HONDO 26.21 -97.46	CAMERON	CMR-097	0.41
20 SE HARLINGEN 25.98 -97.46	CAMERON	KTXHRLI6	0.38
2 E HARLINGEN 26.19 -97.65	CAMERON	HGNT2	0.37
LOS FRESNOS 26.07 -97.47	CAMERON	CMR-021	0.37
HARLINGEN 26.19 -97.69	CAMERON	KHRL	0.36
2 NE HARLINGEN 26.41 -97.43	CAMERON	KTXHRL11	0.35
5 N ENCINO 27.00 -98.13	BROOKS	KTXENCI5	0.35
3 SW COMBES 26.20 -97.76	CAMERON	CMR-093	0.29
3 WSW HARLINGEN 26.17 -97.73	CAMERON	KTXHRLI7	0.29
1 SSW FALFURRIAS 27.21 -98.15	BROOKS	BRK -006	0.29
LOS FRESNOS 26.07 -97.48	CAMERON	TXSANBE2	0.26
FALFURRIAS 27.22 -98.15	BROOKS	BRK -005	0.25
5 SSW RANCHO VIEJO 25.95 -97.58	CAMERON	CMR-061	0.25
5 W FALFURRIASF 27.21 -99.04	BROOKS	FAFT2	0.24
4 ENE LA FERIA 26.18 -97.76	CAMERON	CMR-036	0.22
1 SSE SAN BENITO 26.12 -97.63	CAMERON	CMR-101	0.22
FALFURRIAS 27.22 -98.14	BROOKS	KBKS	0.20
1 E RANCHO VIEJO 26.03 -97.55	CAMERON	CMR-001	0.19

3 NNW BROWNSVILLE 25.97 -97.49	CAMERON	CMR-016	0.19
2 W BROWNSVILLE 25.92 -97.48	CAMERON	KTXBRO22	0.18
2 WNW BROWNSVILLE 25.94 -97.51	CAMERON	CMR-084	0.17
9 SSW FALFURRIAS 27.10 -98.20	BROOKS	<u>BRK</u> -003	0.16
2 NNE BROWNSVILLE 25.94 -97.47	CAMERON	CMR-089	0.15
SANTA <u>ROSA</u> 26.25 -97.83	CAMERON	SNRT2	0.14
1 WNW BROWNSVILLE 25.92 -97.50	CAMERON	CMR-090	0.13
BROWNSVILLE 25.92 -97.48	CAMERON	KBRO	0.08
2 W ENCINO 26.93 -98.17	BROOKS	KTXENCI3	0.05
LA FERIA 26.15 -97.82	CAMERON	KTXLAFE2	0.04
2 N HARLINGEN 26.22 -97.69	CAMERON	KTXHRLI3	0.04

REMARKS: COMBINATION OF ASOS/AWOS, COCORAHS, AND APRS/CWOP. TIMES BEST ESTIMATED WITHIN WARNING FRAME.

D. INLAND FLOODING...

COASTAL CAMERON...NONE.

CAMERON...NONE.

COASTAL WILLACY...NONE.

WILLACY...NONE.

BROOKS...NONE.

KENEDY...NONE.

E. MAXIMUM STORM SURGE AND STORM TIDE...

OFFICIAL TIDE GAUGES NOTED WITH LEADING G

COUNTY	CITY/TOWN OR LOCATION	<u>SURGE</u> (<u>FT</u>)	<u>TIDE</u> (<u>FT</u>)	DATE/ TIME	BEACH <u>EROSION</u>
CAMERON	SOUTH PADRE ISL	1.00	2.00	25/1330	NONE

CAMERON	G BRAZOS SANTIAGO	1.67	1.39	26/0518	NONE
CAMERON	G SOUTH PADRE ISL	1.77	1.40	26/0236	NONE
CAMERON	G PORT ISABEL	1.64	1.41	26/0124	NONE

REMARKS: NOTE:FOR ALL LOCATIONS, PEAK SURGE AND TIDE OCCURRED *AFTER* TROPICAL STORM WARNINGS WERE CANCELLED. TIDE DATA PROVIDED IN MHHW AS CLOSE APPROXIMATION TO LEVELS AT SHORELINE. FIRST SOUTH PADRE ENTRY IS FOR THE BEACH/SURF INTERFACE. FOR PORT MANSFIELD AND BAFFIN BAY, PEAK MEAN SEA LEVEL VALUES WERE 0.754 FEET ON 25/1330Z AND 1.677 ON 26/0042Z RESPECTIVELY. ON THE BEACH, AN ESTIMATED 2 FEET OF WATER DEPTH WAS NOTED BY SURVEY JUST AFTER HIGH TIDE. PEAK TIDE AND SURGE VALUES AT GAGING SITES WHEN WARNING WAS IN EFFECT INCLUDE: BRAZOS SANTIAGO - SURGE 1.559, TIDE, 1.168 (25/1330); SOUTH PADRE ISLAND COAST GUARD - SURGE 1.666, TIDE 1.239 (25/1318); PORT ISABEL - SURGE 1.457, TIDE 1.037 (25/1336).

F. TORNADES...

(DIST)CITY/TOWN	COUNTY	DATE/ TIME(<u>UTC</u>)	EF SCALE (IF KNOWN)
<u>LAT</u> LON (DEG DECIMAL DESCRIPTION			

G. STORM IMPACTS BY COUNTY...

COUNTY DESCRIPTION	DEATHS	INJURIES	EVACUATIONS
COASTAL CAMERON	0	0	
CAMERON	0	0	0
WILLACY	0	0	0
COASTAL WILLACY	0	0	
BROOKS	0	0	0
KENEDY	0	0	0

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Legend:
I-Incomplete Data
E-Estimated