POST TROPICAL CYCLONE REPORT...HURRICANE ALEX NATIONAL WEATHER SERVICE CORPUS CHRISTI TX 204 PM CDT SUN JUL 4 2010

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 FOR ALEX.

COUNTIES INCLUDED...VICTORIA...CALHOUN...GOLIAD...REFUGIO...
ARANSAS...BEE...SAN PATRICIO...NUECES...JIM WELLS...KLEBERG...
LIVE OAK...MCMULLEN...DUVAL...LASALLE...WEBB

### 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 \_\_\_\_\_\_ KALI-ALICE INTERNATIONAL 27.75 -98.06 9999.0 02/1253 050/022 01/0314 020/032 30/1900 KCRP-CORPUS CHRISTI INTL 27.77 -97.50 9999.0 040/028 01/0223 060/038 01/0550 KVCT-VICTORIA REGIONAL 28.85 -96.91 9999.0 040/024 30/1640 040/030 30/1646 KLRD-LAREDO INTERNATIONAL 050/024 30/2233 27.54 -99.46 9999.0 040/034 30/2230 KCOT-COTULLA 9999.0 080/027 30/2020 080/043 30/2009 28.43 -99.23 KBEA-BEEVILLE 28.49 -97.87 1008.7 30/2203 040/021 30/1945 040/030 30/1945 KRAS-PORT ARANSAS 999/034 30/2200 27.91 -97.14 9999.0 999/053 30/2224 KNGP-NAS CORPUS CHRISTI 27.70 -97.28 9999.0 070/034 01/0318 090/051 01/1144 KNQI-NAS KINGSVILLE 010/025 01/0327 070/035 30/2150 27.52 -97.87 9999.0 KRKP-ROCKPORT 999/028 30/2254 999/040 30/2300 28.03 -97.05 9999.0 KPKV-PORT LAVACA 28.69 -96.81 1008.4 30/2210 040/021 30/2130 040/030 30/2150 I

CABINISS FIELD 27.70 -97.43	0 0		080/028	30/0916	080/040	30/0915
			080/028	30/0910	080/040	30/0913
MCMULLEN TARGET 28.11 -98.43			050/021	30/1945	040/027	20/1044
28.11 -98.43	0.0		050/021	30/1945	040/03/	30/1944
WALDRON						
27.38 -97.19	0.0		050/026	01/0325	080/038	30/2113
KBBF						
27.83 -96.02	0.0	30/2015 1	040/035	30/2035 1	040/040	30/2015 I
REMARKS: KBBF	IS BRAZO	S OIL PLA	ATFORM AWO	os.		
NON MEMAD ORCE	OVA DITONIC					
NON-METAR OBSERNOTE: ANEMOMETE			ERS AND WI	ND AVERAGI	NG PERIO	D IN
MINUTES INDICAT	red under	R MAXIMUN	SUSTAINE	D WIND IF	KNOWN	
LOCATION ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
LAT LON	PRES	TIME	SUST	TIME	GUST	TIME
LAT LON DEG DECIMAL	(MB)	( <mark>UTC</mark> )	( <u>KT</u> )	( <mark>UTC</mark> )	(KT)	( <mark>UTC</mark> )
NOTE: ANEMOMETE MINUTES INDICAT	red under					D IN
LOCATION ID	MIN	DATE/	MAX	DATE/	PEAK	DATE/
LAT LON DEG DECIMAL	PRES	TIME	SUST	TIME	GUST	TIME
DEG DECIMAL	( <u>MB</u> )	( <mark>UTC</mark> )	( <u>KT</u> )	( <u>UTC</u> )	( <u>KT</u> )	( <u>UTC</u> )
BOB HALL PIER N 27.58 -97.22			080/039	30/1542	080/047	30/1542
BAFFIN BAY TOOM 27.29 -97.40			060/036	30/2206	050/056	30/2212
SOUTH BIRD ISLA 27.48 -97.32		N	080/035	30/2206	080/049	30/2206
PORT ARANSAS TO	COON					
27.83 -97.07			070/034	30/2200	070/053	30/2224
PORT OCONNOR TO	COON					
28.44 -96.40			080/034	30/2200	080/042	30/2200
INGLESIDE TCOOM	J					
27.82 -97.20			060/022	30/2206	060/030	30/2306
PACKERY CHANNEI	тсоом					
27.63 -97.24	0.0		080/035	30/1548	050/049	30/1830

SEA DRIFT TCOON 28.40 -96.71	0.0	020/019	30/2106	020/030 30/0936
ROCKPORT NOS 28.02 -97.05	0.0	080/028	30/2254	080/040 30/2300
NUECES DELTA WATE 27.89 -97.62		050/027	30/2224	050/036 30/2224
BUOY 42019 27.91 -95.35	0.0	070/030 05	30/0740	070/037 30/0750
BUOY 42020 26.96 -96.69	0.0	090/033 05	30/2055	090/043 01/0350

C. STORM TOTAL RAINFALL FROM	1 1200 <u>UTC</u> JUN 29 UNT	TL 1200 UTC	JUN 02
CITY/TOWN LAT LON DEG DECIMAL	COUNTY	ID	(IN)
8 WNW ORANGE GROVE 28.00 -98.06			
SEADRIFT 28.37 -96.69	CALHOUN	-CLH-3	8.61
1 SE BISHOP 27.58 -97.79	NUECES	-NU-13	8.28
ALICE 27.75 -98.06	JIM WELLS	-ALI	8.19
4 ESE ODEM 27.92 -97.53	SAN PATRICIO	-SP-10	7.43
2 S CONCEPCION 27.38 -98.30	DUVAL	-DV-5	7.43
14 SSE ENCINAL 27.86 -99.26	WEBB	-WB-5	6.83
3 S WOODSBORO 28.19 -97.31	REFUGIO	-RF-3	6.73
3 NW MATHIS 28.12 -97.86	SAN PATRICIO	-SP-8	6.81
3 S WOODSBORO 28.19 -97.31	REFUGIO	-RF-3	6.73

6 S BEEVILLE 28.32 -97.75	BEE	-BEE-3	6.55
3 SE KAMAY 28.58 -96.70	CALHOUN	-CLH-6	6.54
1 N ROCKPORT 28.05 -97.05	ARANSAS	-AR-5	6.22
4 NW TULOSO 27.85 -97.60	NUECES	NU-19	6.09
10 NE BLOOMINGTON 28.73 -97.00	VICTORIA	-VC-2	6.05
3 W INEZ 28.88 -96.78	VICTORIA		5.87
3 S KINGSVILLE 27.46 -97.86	KLEBERG	-KL-9	5.76
2 SSE LAREDO 27.51 -99.48	WEBB	-WB-2	5.74
KINGSVILLE 27.50 -97.86	KLEBERG	-NQI	5.73
AUSTWELL 28.39 -96.84		-RF-2	5.61
2 W ARANSAS PASS 27.91 -97.17	SAN PATRICIO	-SP-12	5.50
1 ENE BISHOP 27.59 -97.78	NUECES	-NU-22	4.97

## D. INLAND FLOODING...

NUECES...MANY COUNTY ROADS WERE FLOODED AND CLOSED IN WESTERN NUECES COUNTY DUE TO HEAVY RAINFALL ON THE ORDER OF 5 TO 8 INCHES BETWEEN JUL 1-2. SEVERAL MAJOR ROADS WERE FLOODED BUT PASSABLE IN WESTERN NUECES COUNTY INCLUDING STATE HIGHWAY 44 IN AGUA DULCE AND US HIGHWAY 77 FRONTAGE ROADS. SANDY HOLLOW SUBDIVISION WAS CUT OFF DUE TO HIGH WATER BUT HOUSES WERE ON STILTS. A FLOOD WAVE WAS ALSO OBSERVED IN AGUA DULCE CREEK FROM WEST OF ORANGE GROVE TO RANCHO BANQUETE. SEVERAL CREEKS WERE ALSO OUT OF THEIR BANKS BUT NO ROADWAYS WERE IMPACTED. NUECES COUNTY PARK AND SENIOR CENTER IN ROBSTOWN WERE ALSO CLOSED DUE TO FLOODING. STANDING WATER WAS OBSERVED IN FARM

SAN PATRICIO...STATE HIGHWAY 188 WAS FLOODED AND CLOSED IN SAN PATRICIO COUNTY NORTH OF SINTON DUE TO HEAVY RAINFALL ON THE ORDER OF 5 TO 8 INCHES BETWEEN JUL 1-2. SEVERAL OTHER COUNTY ROADS WERE FLOODED ACROSS THE COUNTY. SEVERAL CREEKS WERE ALSO OUT OF THEIR BANKS INCLUDING CHILTIPIN CREEK.

FIELDS ACROSS MUCH OF WESTERN NUECES COUNTY.

JIM WELLS...SIGNIFICANT RAINFALL AMOUNTS ON THE ORDER OF 8 TO 12 INCHES WERE OBSERVED ACROSS JIM WELLS COUNTY BETWEEN JUL 1-2. MANY ROADS WERE FLOODED AND CLOSED NEAR ORANGE GROVE...BEN BOLT AND PREMONT. A FLOOD WAVE WAS OBSERVED IN AGUA DULCE CREEK FLOODING COUNTY ROADS FROM WEST OF ORANGE GROVE TO BANQUETE. STANDING WATER WAS OBSERVED IN FARM FIELDS AND RANCH PROPERTY ACROSS MUCH OF THE COUNTY.

\_\_\_\_\_

# ${\tt E.\ MAXIMUM\ \underline{STORM\ SURGE}\ AND\ \underline{STORM\ TIDE}\dots}$

OFFICIAL TIDE GAUGES NOTED WITH LEADING G

-----

COUNTY	CITY/TOWN OR LOCATION			DATE/ TIME		
NUECES G	BOB HALL PIER	3.89	4.76	30/1712	MINOR	
NUECES	PORT ARANSAS	2.97	3.05	30/2342	MINOR	
NUECES	PACKERY CHANNEL	2.93	2.81	01/0112	MINOR	
TIDE WAS REPORTED AS NEGATIVE SO THAT IS WHY THE STORM TIDE IS LOWER THAN THE STORM SURGE.						
SAN PATRICIO	INGLESIDE	3.01	2.96	01/0136	MINOR	
TIDE REPORTED AS	NEGATIVE SO THAT	IS WHY	STORM	TIDE IS I	OWER THAN	STORM SURGE
NUECES	TX STATE AQUARI	3.28	3.39	30/2354	MINOR	I
A LOT OF MISSING	DATA SO STORM SU	RGE AND	STORM	TIDE MAY	BE HIGHER	
ARANSAS	ROCKPORT	2.30	2.43	01/1824	MINOR	
ARANSAS	COPANO BAY	2.40	2.59	01/1200	MINOR	
CALHOUN	SEA DRIFT	2.63	2.70	01/1154	MINOR	
CALHOUN	PORT OCONNOR	3.11	3.34	30/2012	MINOR	
CALHOUN	PORT LAVACA	4.94	5.31	01/0924	MINOR	

 ${\tt REMARKS:} \ \underline{{\tt STORM}} \ {\tt SURGE} \ {\tt AND} \ \underline{{\tt STORM}} \ {\tt TIDE} \ {\tt ARE} \ {\tt REFERENCED} \ {\tt IN} \ {\tt MLLW}.$ 

### F. TORNADOES...

(DIST)CITY/TOWN  LAT LON (DEG DECIMAL  DESCRIPTION	COUNTY	DATE/ TIME ( <u>UTC</u> )	EF SCALE (IF KNOWN)
11 SW TIVOLI 28.31 -97.01	REFUGIO	30/1646	EF0

A TORNADO WAS OBSERVED IN AN OPEN FIELD NORTHWEST OF THE ARANSAS WILDLIFE REFUGE BY PARK OFFICIALS. A NWS STORM SURVEY INDICATED THE TORNADO WAS ESTIMATED TO BE ON THE GROUND FOR 7 MILES AS IT MOVED WEST-SOUTHWEST OVER OPEN COUNTRY, JUST NORTH OF FM 774.

9 WNW ROBSTOWN NUECES 30/1930 EF0

27.79 -97.66

A NWS STORM SURVEY TEAM FOUND EVIDENCE OF A BRIEF TORNADO TOUCH DOWN ALONG FM 666, BETWEEN BANQUETE AND CR 44. A TELEPHONE LNE WAS PULLED DOWN TO THE GROUND BY SEVERAL MESQUITE TREES THAT WERE ALMOST UPROOTED. WINDS WERE ESTIMATED TO BE AROUND 65 MPH. THE TORNADO HAD A WIDTH OF ROUGHTLY 30 YARDS ADN A PATH LENGTH OF 50-100 YARDS.

5 N REFUGIO REFUGIO 30/2010 EF0

28.37 -97.28

ARANSAS COUNTY RECEIVED PUBLIC REPORTS OF A TORNADO NEAR BAYSIDE.

1 NE HOLIDAY BEACH ARANSAS 01/0241 EF0

28.13 -96.98

A NWS STORM SURVEY CONFIRMED A TORNADO TOUCHED DOWN JUST OUTSIDE OF GOOSE ISLAND STATE PARK AND MOVED SOUTHWEST INTO THE PARK. MEDIUM TO LARGE TREE LIMBS WERE SNAPPED ALONG A PATH ROUGHLY 1/2 MILE.

9 NW KINGSVILLE KLEBERG 01/2310 EF0

27.60 -97.97

A TORNADO WAS REPORTED BY A SKYWARN SPOTTER 9 MILES NW OF KINGSVILLE.

2 S ROCKPORT ARANSAS 01/1420 EF0

28.01 -97.05

CITIZEN AND FIRE OFFICAL REPORT OF A TORNADO WHICH BRIEFLY TOUCHED DOWN AT THE INTERSECTION OF 9TH STREET AND BUSINESS 35. WINDOWS WERE BLOWN OUT OF THE KIMCO BUSINESS.

### G. STORM IMPACTS BY COUNTY...

\_\_\_\_\_\_

PADRE ISLAND NATIONAL SEA SHORE WAS FLOODED AND CLOSED DUE TO HIGH TIDES

NUECES 0 0 0

MOST BEACHES WERE FLOODED AND CLOSED ALONG MUSTANG ISLAND FROM PORT ARANSAS TO CORPUS CHRISTI DUE TO HIGH TIDES. THE CITY OF CORPUS CHRISTI REMOVED 180 TRASH CANS...PORTABLE REST ROOM FACILITIES AND LIFE GUARD STANDS FROM THE BEACH PRIOR TO CLOSING THE BEACH.

CALHOUN 0 0 0

OCEAN DRIVE FROM MAGNOLIA BEACH TO INDIANOLA WAS FLOODED AND CLOSED. INDIANOLA WAS COMPLETELY CUT OFF AND THE ONLY FISHING STORE IN INDIANOLA HAD 4 INCHES OF WATER IN THE BUILDING. ONLY MINOR DAMAGES.

SAN PATRICIO 2 0

AT 527 PM JULY 3 A VEHICLE WAS FOUND OFF OF COUNTY ROAD 21 OLD SAN PATRICIO ROAD. 2 BODIES FOUND SHORTLY AFTERWARDS FROM APPARENT DROWNING. ESTIMATED DROWNING DATE WAS THURSDAY JULY 1. REPORT FROM SAN PATRICIO SHERRIFF DEPARTMENT AND TEXAS DIVISION OF EMERGENCY MANAGEMENT.

\$\$

Legend: I-Incomplete Data E-Estimated