

***NATIONAL WEATHER SERVICE INSTRUCTION 10-606***

***JUNE 15, 2011***

***Operations and Services***

***Tropical Cyclone Weather Services Program, NWSPD 10-6***

***TROPICAL CYCLONE NAMES AND PRONUNCIATION GUIDE***

---

**NOTICE:** This publication is available at: <http://www.nws.noaa.gov/directives/>.

---

**OPR:** W/OS21 (T. Schott)

**Certified by:** W/OS21 (T. Pierce)

**Type of Issuance:** Emergency

---

***SUMMARY OF REVISIONS:*** This directive supersedes NWS Instruction 10-606, dated June 9, 2010. This directive incorporates the following changes:

Provides Atlantic and Eastern Pacific basin names for 2011-2016 with pronunciations.

Updates the I and T Atlantic basin names for 2016

Signed \_\_\_\_\_ June 1, 2011  
David B. Caldwell Date  
Director, Office of Climate,  
Water, and Weather Services

TROPICAL CYCLONE NAMES AND PRONUNCIATION GUIDE

## ATLANTIC

2011

ARLENE	ar-LEEN
BRET	bret
CINDY	SIN-dee
DON	dahn
EMILY	EH-mih-lee
FRANKLIN	FRANK-lin
GERT	gert
HARVEY	HAR-vee
IRENE	eye-REEN
JOSE	ho-ZAY
KATIA	ka-TEE-ah
LEE	lee
MARIA	muh-REE-uh
NATE	nait
OPHELIA	o-FEEL-ya
PHILIPPE	fee-LEEP
RINA	REE-nuh
SEAN	shawn
TAMMY	TAM-ee
VINCE	vinss
WHITNEY	WHIT-nee

2012

ALBERTO	al-BAIR-toe
BERYL	BER-ril
CHRIS	kris
DEBBY	DEH-bee
ERNESTO	er-NES-toh
FLORENCE	FLOOR-ence
GORDON	GOR-duhn
HELENE	heh-LEEN
ISAAC	EYE-zik
JOYCE	joyss
KIRK	kurk
LESLIE	LEHZ-lee
MICHAEL	MY-kuhl
NADINE	nay-DEEN
OSCAR	AHS-kur
PATTY	PAT-ee
RAFAEL	rah-fah-ELL
SANDY	SAN-dee
TONY	TOH-nee
VALERIE	VAH-lur-ee
WILLIAM	WILL-yum

2013

ANDREA	AN-dree-uh
BARRY	BAIR-ee
CHANTAL	shahn-TAHL
DORIAN	DOR-ee-an
ERIN	AIR-rin
FERNAND	fair-NAHN
GABRIELLE	ga-bree-ELL
HUMBERTO	oom-BAIR-toh
INGRID	ING-grid
JERRY	JEHR-ee
KAREN	KAIR-ren
LORENZO	loh-REN-zoh
MELISSA	meh-LIH-suh
NESTOR	NES-tor
OLGA	OAL-guh
PABLO	PAHB-lo
REBEKAH	reh-BEH-keh
SEBASTIEN	suh-BASH-chuhn
TANYA	TAHN-yuh
VAN	van
WENDY	WEN-dee

2014

ARTHUR	AR-thur
BERTHA	BUR-thuh
CRISTOBAL	krees-TOH-bahl
DOLLY	DAH-lee
EDOUARD	eh-DWARD
FAY	fay
GONZALO	gahn-ZAH-low
HANNA	HAN-uh
ISAIAS	ees-ah-EE-ahs
JOSEPHINE	JOH-seh-feen
KYLE	KY-ull
LAURA	LOOR-ruh
MARCO	MAR-koe
NANA	NA-na
OMAR	OH-mar
PAULETTE	pawl-LET
RENE	re-NAY
SALLY	SAL-ee
TEDDY	TEHD-ee
VICKY	VIH-kee
WILFRED	WILL-fred

2015

ANA	AH-nah
BILL	bill
CLAUDETTE	klaw-DET
DANNY	DAN-ee
ERIKA	eh-RIH-kuh
FRED	frehd
GRACE	grayss
HENRI	ahn-REE
IDA	EYE-duh
JOAQUIN	wah-KEEN
KATE	kayt
LARRY	LAIR-ree
MINDY	MIN-de
NICHOLAS	NIH-kuh-luss
ODETTE	oh-DEHT
PETER	PEE-tur
ROSE	roh-z
SAM	sam
TERESA	tuh-REE-suh
VICTOR	VIK-tur
WANDA	WAHN-duh

2016

ALEX	AL-leks
BONNIE	BAH-nee
COLIN	KAH-lihn
DANIELLE	dan-YELL
EARL	URR-ull
FIONA	fee-OH-nuh
GASTON	ga-STAWN
HERMINE	her-MEEN
IAN	EE-ahn
JULIA	JOO-lee-uh
KARL	KAR-ull
LISA	LEE-suh
MATTHEW	MATH-yoo
NICOLE	nih-KOHL
OTTO	AHT-toh
PAULA	PAUL-luh
RICHARD	RIH-churd
SHARY	SHAR-ee
TOBIAS	toh-BYE-ahs
VIRGINIE	vir-JIN-ee
WALTER	WALL-tur

EASTERN PACIFIC

**2011**

ADRIAN Ay-dree-uhn  
 BEATRIZ BEE- a- triz  
 CALVIN KAL-vin  
 DORA DOR-ruh  
 EUGENE YOU-jeen  
 FERNANDA fer-NAN-dah  
 GREG greg  
 HILARY HIIH-luh-ree  
 IRWIN UR-win  
 JOVA HO-vah  
 KENNETH KEH-neth  
 LIDIA LIH-dyah  
 MAX maks  
 NORMA NOOR-muh  
 OTIS OH-tis  
 PILAR pee-LAHR  
 RAMON rah-MOWN  
 SELMA SELL-mah  
 TODD tahd  
 VERONICA vur-RAHN-ih-kuh  
 WILEY WY-lee  
 XINA ZEE-nah  
 YORK york  
 ZELDA ZEL-dah

**2012**

ALETTA a-LET-ah  
 BUD buhd  
 CARLOTTA kar-LOT-uh  
 DANIEL DAN-yuhl  
 EMILIA ee-MILL-ya  
 FABIO FAH-bee- o  
 GILMA GIL-mah  
 HECTOR HEHK-tor  
 ILEANA ill-ay-AH-nah  
 JOHN jahn  
 KRISTY KRIS-tee  
 LANE layne  
 MIRIAM MERR-yim  
 NORMAN NOR-muhn  
 OLIVIA ul-LIV-ee-uh  
 PAUL pall  
 ROSA ROH-zuh  
 SERGIO SIR-gee-oh  
 TARA TAIR-uh  
 VICENTE vee-CEN-tay  
 WILLA WIH-lah  
 XAVIER ZAY-vee-ur  
 YOLANDA yo-LAHN-da  
 ZEKE zeek

**2013**

ALVIN AL-vin  
 BARBARA BAR-bruh  
 COSME COS-may  
 DALILA dah-LAY-lah  
 ERICK EHR-ik  
 FLOSSIE FLOSS-ee  
 GIL gill  
 HENRIETTE hen-ree-ETT  
 IVO eye-VOH  
 JULIETTE jew-lee-EHT  
 KIKO KEE-ko  
 LORENA low-RAY-na  
 MANUEL mahn-WELL  
 NARDA NAHR-duh  
 OCTAVE AHK-tayv  
 PRISCILLA prih-SIH-luh  
 RAYMOND RAY-mund  
 SONIA SOHN-yah  
 TICO TEE-koh  
 VELMA VELL-muh  
 WALLIS WAHL-lis  
 XINA ZEE-nah  
 YORK york  
 ZELDA ZEL-dah

**2014**

AMANDA uh-Man-duh  
 BORIS bor-EES  
 CRISTINA kris-TEE-nuh  
 DOUGLAS DUG-luss  
 ELIDA ELL-ee-dah  
 FAUSTO FOW-sto  
 GENEVIEVE jeh-nuh-VEEV  
 HERNAN her-NAHN  
 ISELLE ee-SELL  
 JULIO HOO-lee-o  
 KARINA kuh-REE-nuh  
 LOWELL LO-uhl  
 MARIE muh-REE  
 NORBERT NOR-bert  
 ODILE oh-DEAL  
 POLO POH-loh  
 RACHEL RAY-chull  
 SIMON SY-muhn  
 TRUDY TROO-dee  
 VANCE vanss  
 WINNIE WIN-ee  
 XAVIER ZAY-vee-ur  
 YOLANDA yo-LAHN-da  
 ZEKE zeek

**2015**

ANDRES ahn-DRASE  
 BLANCA BLAHN-kah  
 CARLOS KAR-loess  
 DOLORES eh-LORR-ess  
 ENRIQUE anh-REE-kay  
 FELICIA fa-LEE-sha  
 GUILLERMO gee-YER-mo  
 HILDA HILL-duh  
 IGNACIO eeg-NAH-see-oh  
 JIMENA he-MAY-na  
 KEVIN KEH-vin  
 LINDA LIHN-duh  
 MARTY MAR-tee  
 NORA NOOR-ruh  
 OLAF OH-lahf  
 PATRICIA puh-TRIH-shuh  
 RICK rik  
 SANDRA SAN-druh  
 TERRY TAIR-ree  
 VIVIAN VIH-vee-uhn  
 WALDO WAHL-doh  
 XINA ZEE-nah  
 YORK york  
 ZELDA ZEL-dah

**2016**

AGATHA A-guh-thuh  
 BLAS blahs  
 CELIA SEEL-yuh  
 DARBY DAR-bee  
 ESTELLE eh-STELL  
 FRANK frank  
 GEORGETTE jor-JET  
 HOWARD HOW-urd  
 ISIS EYE-sis  
 JAVIER hahv-YAIR  
 KAY kay  
 LESTER LESS-tur  
 MADELINE MAD-eh-luhn  
 NEWTON NOO-tuhn  
 ORLENE or-LEEN  
 PAINE payne  
 ROSLYN RAWZ-luhn  
 SEYMOUR SEE-mor  
 TINA TEE-nuh  
 VIRGIL VUR-jill  
 WINIFRED WIN-ih-fred  
 XAVIER ZAY-vee-ur  
 YOLANDA yo-LAHN-da  
 ZEKE zeek

**TROPICAL CYCLONE NAMES AND PRONUNCIATION GUIDES**

**CENTRAL PACIFIC**

**LIST 1**

AKONI ah-KOH-nee  
 EMA EH-mah  
 HONE HOH-neh  
 IONA ee-OH-nah  
 KELI KEH-lee  
 LALA LAH-lah  
 MOKE MOH-keh  
 NOLO NOH-loh  
 OLANA oh-LAH-nah  
 PENA PEH-nah  
 ULANA oo-LAH-nah  
 WALE WAH-leh

**LIST 2**

AKA	AH-kah
EKEKA	eh-KEH-kak
HENE	HEH-neh
IOLANA	ee-OH-lah-nah
KEONI	keh-ON-nee
LINO	LEE-noh
MELE	MEH-leh
NONA	NOH-nah
OLIWA	oh-LEE-vah
PAMA	PAH-mah
UPANA	oo-PAH-nah
WENE	WEH-neh

**LIST 3**

ALIKA ah-LEE-kah  
 ELE EH-leh  
 HUKO HOO-koh  
 IOPA ee-OH-pah  
 KIKA KEE-kah  
 LANA LAH-nah  
 MAKA MAH-kah  
 NEKI NEH-kee  
 OMEKA oh-MEH-kah  
 PEWA PEH-vah  
 ULANA oo-NAH-lah  
 WALI WAH-lee

**LIST 4**

ANA	AH-nah
ELA	EH-lah
HALOLA	hah-LOH-lah
IUNE	ee-OO-neh
KILO	KEE-lo
LOKE	LOH-keh
MALIA	mah-LEE-ah
NIALA	nee-AH-lah
OHO	OH-hoh
PALI	PAH-lee
ULIKA	oo-LEE-kah
WALAKA	wah-LAH-kah

**NOTE:** The lists are used in rotating order without regard to year; the first name for a new year is the next name that was not used the previous year. All letters in the Hawaiian language are pronounced, including double or triple vowels.

**INTERNATIONAL TROPICAL CYCLONE NAMES FOR THE**  
**WESTERN NORTH PACIFIC AND SOUTH CHINA SEA**

<b>Contributor</b>	<b>I</b>	<b>II</b>	<b>III</b>	<b>IV</b>	<b>V</b>
	<b>NAME</b>	<b>NAME</b>	<b>NAME</b>	<b>NAME</b>	<b>NAME</b>
<b>Cambodia</b>	Damrey	Kong-rey	Nakri	Krovanh	Sarika
<b>China</b>	Longwang	Yutu	Fengshen	Dujuan	Haima
<b>DPR Korea</b>	Kirogi	Toraji	Kalmaegi	Maemi	Meari
<b>HK, China</b>	Kai-tak	Man-yi	Fung-wong	Choi-wan	Ma-on
<b>Japan</b>	Tembin	Usagi	Kammuri	Koppu	Tokage
<b>Lao PDR</b>	Bolaven	Pabuk	Phanfone	Ketsana	Nock-ten
<b>Macau</b>	Sanba	Wutip	Vongfong	Parma	Muifa
<b>Malaysia</b>	Jelawat	Sepat	Nuri	Melor	Merbok
<b>Micronesia</b>	Ewiniar	Fitow	Sinlaku	Nepartak	Nanmadol
<b>Philippines</b>	Malaksi	Danas	Hagupit	Lupit	Talas
<b>RO Korea</b>	Gaemi	Nari	Jangmi	Sudal	Noru
<b>Thailand</b>	Prapiroon	Wipha	Mekkhala	Nida	Kulap
<b>U.S.A.</b>	Maria	Francisco	Higos	Omais	Roke
<b>Viet Nam</b>	Son-Tinh	Lekima	Bavi	Conson	Sonca
<b>Cambodia</b>	Bopha	Krosa	Maysak	Chanthu	Nesat
<b>China</b>	Wukong	Haiyan	Haishen	Dianmu	Haitang
<b>DPR Korea</b>	Sonamu	Podul	Pongsona	Mindulle	Nalgae
<b>HK, China</b>	Shanshan	Lingling	Yanyan	Tingting	Banyan
<b>Japan</b>	Yagi	Kajiki	Kujira	Kompasu	Washi
<b>Lao PDR</b>	Leepi	Faxai	Chan-hom	Namtheun	Matsa
<b>Macau</b>	Bebinca	Peipan	Linfa	Malou	Sanvu
<b>Malaysia</b>	Rumbia	Tapah	Nangka	Meranti	Mawar
<b>Micronesia</b>	Soulik	Mitag	Soudelor	Rananim	Guchol
<b>Philippines</b>	Cimaron	Hagibis	Molave	Malakas	Talim
<b>RO Korea</b>	Jebi	Neoguri	Goni	Megi	Nabi
<b>Thailand</b>	Mangkhut	Rammasun	Morakot	Chaba	Khanun
<b>U.S.A.</b>	Utor	Matmo	Etau	Aere	Vicente
<b>Viet Nam</b>	Trami	Halong	Vamco	Songda	Saola

**NOTES:**

Names will be assigned in rotation starting with DAMREY for the first tropical cyclone of the year which is of storm strength or greater. When the last name in column five (SAOLA) is used the sequence will begin again with the first name in column one (DAMREY).

Naming rules, contributing countries, meanings of names, and pronunciation of names are available at:  
<http://www.wmo.int/pages/prog/www/tcp/Storm-naming.html>

**GEOGRAPHICAL DEFINING POINTS AND PHONETIC PRONUNCIATIONS**

Abaco	AB-a-KO	Eleuthera	el-OO-thera
Abrejos	aahbray-oh-hoes	Escondido	es-cond-dee-dow
Amalie	a-MAHL-ye	Eugenia	ayuh-hen-yuh
Angel	aan-hel	Exuma	ek-SOO-ma
Anguilla	ang-GWIL-a		
Antigua	an-TEE-ga	Flores	FLO-rish
Arena	aah-ray-nah	Fort de France	for-de-FRAHCS
Arista	ah-ree-staa		
Aruba	ah-ROO-ba	Galera	gaa-lehra
Antilles	an-TILL-leez	Grenada	gre-NAY-dah
Azores	uh-ZOHRZ	Guadaloupe	GWAH-deh-loop
		Guasave	gwaa-saa-ve
Bahia	ba-e-yuh	Guaymas	gwhy-maahs
Ballenas	ba-yaynas		
Barahona	ba-ra-HO-na	Huatulco	whaa-tool-coe
Barbados	bar-BAY-dohz		
Barbuda	bar-BOO-dah	Islas	eeslas
Barra	baa-rra		
Barranquilla	Bahr-rahN-KEE-yah	Jalisco	ha-lee-sco
Basse-Terre	baha-TER	Juanico	whaa-nee-coe
Bimini	BIM-I-ni		
Bonaire	ba-NAIR	Lazaro	laasa-roe
Burros	bhoorroes	Loreto	lo-ae-toe
		Leeward	LEE-werd
Cap	Haitien kahp ah-ee-		
SYAN		Manzanillo	manza-nee-oh
Caracas	kah-RAH-kahs	Maracaibo	mar-a-KYE-boh
Cardenas	car-denaass	Maracay	mah-rah-KYE
Caribbean	kar-a-BE-an	Marigot	ma-ree-GOH
Castries	KAS-tree	Mateo	muh-ta-yo
Cayman	kay-MAHN	Mayaguez	may-yah-GWAYS
Champerico	chaam-per-e-coe	Medano	may-daa-no
Charlotte		Melaque	may-laa-kay
Colima	coleema	Merida	MAY-re-thah
Corrientes	cor-re-ehn-tays	Mochis	mo-chees
Cozumel	koh-soo-MEL	Montego	mon-TEE-go
Curacao	koor-a-SOH	Montserrat	mont-se-RAT
Cuyutlan	coo-yootlaan	Mugu	muhgu
		Mulege	moo-lay-hay
Dominica	dom-I-NEE-ka		
		Nicaragua	nik-a-RAH-gwah

Ocho Rios	OH-cho REE-os
Oranjestad	o-RAHN-yuh-stat
Paramaribo	par-a-MAR-I-boh
Parguera	par-GWER-a
Penasco	pen-yaas-co
Pointe-a-Pitre	pwan-ta-PEE-tr
Ponce	PON-sa
Port-au-Prince	port-oh-PRINS
Punta	poonta
Revillagigedo	ray-veeaheehaydo
Saba	SAY-ba
Sao Miguel	soun ME-gel
Sipacate	see-paa-caa-tay
St Croix	ST croy
St Lucia	ST LOO-she-a
Soufriere	soo-free-AR
Surinam	SOOR-I-nam
Tampico	tam-PEE-ko
Tehuantepec	te-whaan-te-pec
Tela	TAY-lah
Tobago	to-BAY-go
Todos	todohs
Tomas	tow-maas
Tonala	ton-aahla
Tosca	toesca