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Operations and Services

Tropical Cyclone Weather Services Program, NWSPD 10-6

TROPICAL CYCLONE NAMES AND PRONUNCIATION GUIDE

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SUMMARY OF REVISIONS: This directive supersedes NWS Instruction 10-606, *Tropical Cyclone Names and Pronunciation Guide*, dated June 10, 2014.

Changes made to reflect the NWS Headquarters reorganization effective April 1, 2015.

This directive incorporates the following changes:

- Changed the cycle for Atlantic and Eastern Pacific names to run from 2016 to 2021.
- On Atlantic Hurricane List, replaced Erika with Elsa, and Joaquin with Julian in 2021.
- On eastern Pacific Hurricane List, replaced Isis with Ivette in 2016. Replaced Manuel with Mario in 2019. Replaced Odile with Odalys in 2020. Replaced Patricia with Pamela in 2021.
- Updated several names in the International Tropical Cyclone Names for the western North Pacific And South China Sea List.

Signed

9/13/2016

Andrew D. Stern

Date

Director, Analyze, Forecast and Support Office

TROPICAL CYCLONE NAMES AND PRONUNCIATION GUIDE

ATLANTIC

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-an
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-BEE-uss
VIRGINIE	vir-JIN-ee
WALTER	WALL-tur

2019

ANDREA	AN-dree-uh
BARRY	BAIR-ree
CHANTAL	shahn-TAHL
DORIAN	DOR-ee-an
ERIN	AIR-rin
FERNAND	fair-NAHN
GABRIELLE	ga-bree-ELL
HUMBERTO	oom-BAIR-toh
IMELDA	ee-MEHL-dah
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-kuh
SEBASTIEN	suh-BASH-chuhn
TANYA	TAHN-yuh
VAN	van
WENDY	WEN-dee

2017

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

2020

ARTHUR	AR-thur
BERTHA	BUR-thuh
CRISTOBAL	krees-TOH-bahl
DOLLY	DAH-lee
EDOUARD	eh-DWARD
FAY	fay
GONZALO	gohn-SAH-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

2018

ALBERTO	al-BAIR-toe
BERYL	BEHR-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
SARA	SAIR-uh
TONY	TOH-nee
VALERIE	VAH-lur-ee
WILLIAM	WILL-yum

2021

ANA	AH-nah
BILL	bill
CLAUDETTE	klaw-DET
DANNY	DAN-ee
ELSA	EL-suh
FRED	frehd
GRACE	grayss
HENRI	ahn-REE
IDA	EYE-duh
JULIAN	JOO-lee-uhn
KATE	kayt
LARRY	LAIR-ree
MINDY	MIN-dee
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

EASTERN PACIFIC

2016

AGATHA A-guh-thuh
 BLAS blahs
 CELIA SEEL-yuh
 DARBY DAR-bee
 ESTELLE eh-STELL
 FRANK frank
 GEORGETTE jor-JET
 HOWARD HOW-urd
 IVETTE ee-VET
 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

2017

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-MOHN
 SELMA SELL-mah
 TODD tahd
 VERONICA vur-RAHN-ih-kuh
 WILEY WY-lee
 XINA ZEE-nah
 YORK york
 ZELDA ZEL-dah

2018

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

2019

ALVIN AL-vin
 BARBARA BAR-bruh
 COSME COS-may
 DALILA dah-LY-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
 MARIO MAR-ee-o
 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

2020

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
 ODALYS oh-DAL-ess
 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

2021

ANDRES ahn-DRASE
 BLANCA BLAHN-kah
 CARLOS KAR-loess
 DOLORES deh-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
 PAMELA PAM-eh-luh
 RICK rik
 SANDRA SAN-druh
 TERRY TAIR-ree
 VIVIAN VIH-vee-uhn
 WALDO WAHL-doh
 XINA ZEE-nah
 YORK york
 ZELDA ZEL-dah

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
UNALA	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**

Contributor	I	II	III	IV	V
	NAME	NAME	NAME	NAME	NAME
Cambodia	Damrey	Kong-rey	Nakri	Krovanh	Sarika
China	Haikui	Yutu	Fengshen	Dujuan	Haima
DPR Korea	Kirogi	Toraji	Kalmaegi	Mujigae	Meari
HK, China	Kai-tak	Man-yi	Fung-wong	Choi-wan	Ma-on
Japan	Tembin	Usagi	Kammuri	Koppu	Tokage
Lao PDR	Bolaven	Pabuk	Phanfone	Champi	Nock-ten
Macau	Sanba	Wutip	Vongfong	In-fa	Muifa
Malaysia	Jelawat	Sepat	Nuri	Melor	Merbok
Micronesia	Ewiniar	Mun	Sinlaku	Nepartak	Nanmadol
Philippines	Maliksi	Danas	Hagupit	Lupit	Talas
RO Korea	Gaemi	Nari	Jangmi	Mirinae	Noru
Thailand	Prapiroon	Wipha	Mekkhala	Nida	Kulap
U.S.A.	Maria	Francisco	Higos	Omais	Roke
Viet Nam	Son-Tinh	Lekima	Bavi	Conson	Sonca
Cambodia	Ampil	Krosa	Maysak	Chanthu	Nesat
China	Wukong	Bailu	Haishen	Dianmu	Haitang
DPR Korea	Jongdari	Podul	Noul	Mindulle	Nalgae
HK, China	Shanshan	Lingling	Dolphin	Lionrock	Banyan
Japan	Yagi	Kajiki	Kujira	Kompasu	Hato
Lao PDR	Leepi	Faxai	Chan-hom	Namtheun	Pakhar
Macau	Bebinca	Peipah	Linfa	Malou	Sanvu
Malaysia	Rumbia	Tapah	Nangka	Meranti	Mawar
Micronesia	Soulik	Mitag	Soudelor	Rai	Guchol
Philippines	Cimaron	Hagibis	Molave	Malakas	Talim
RO Korea	Jebi	Neoguri	Goni	Megi	Doksuri
Thailand	Mangkhut	Bualoi	Atsani	Chaba	Khanun
U.S.A.	Barijat	Matmo	Etau	Aere	Lan
Viet Nam	Trami	Halong	Vamco	Songda	Saola

NOTES:

Initially, names will be assigned in rotation starting with Column I (DAMREY) for the first tropical cyclone which is of tropical storm strength or greater. For subsequent years, the rotation will start with the next name after the last name of the previous year. When the last name in column V (SAOLA) is used, the sequence will begin again with the first name in column I (DAMREY). Naming rules, contributing countries, meanings of names, and pronunciation of names are available at:

<http://www.jma.go.jp/jma/jma-eng/jma-center/rsmc-hp-pub-eg/tyname.html>.