

**Replacement Names of
FAXAI, HAGIBIS, KAMMURI, LEKIMA, PHANFONE and YUTU
in the Tropical Cyclone Name List**

(Submitted by TCS)

ACTION REQUIRED:

The Committee is invited to discuss and approve new tropical cyclone names as the replacement names of FAXAI, HAGIBIS, KAMMURI, LEKIMA, PHANFONE and YUTU.

APPENDICES:

- 1) DRAFT TEXT FOR INCLUSION AT SESSION REPORT
- 2) REPLACEMENT OF TYPHOON NAMES
- 3) REQUEST FOR REPLACEMENT OF TYPHOON NAMES

APPENDIX A:

DRAFT TEXT FOR INCLUSION IN THE SESSION REPORT

13.1 Replacement for Typhoon Names (agenda item 13.1)

13.1.1 The Committee noted China provided YINXING, BAILONGMA and ZIWEI as replacement names for YUTU.

13.1.2 The Committee noted Japan provided RYU, KOTO and TOKEI as replacement names for KAMMURI.

13.1.3 The Committee noted Lao PDR provided PHOUBIA, NONGFA and XEKATAM as replacement names for FAXAI, and NOKAEN, DOKCHAMPA and SEUAKHONG as replacement names for PHANFONE.

13.1.4 The Committee noted Philippines provided TAMARAW, KUSOG and RAGASA as replacement names for HAGIBIS.

13.1.5 The Committee noted Viet Nam provided CO-MAY, BANG-LANG and HOA-SIM as replacement names for LEKIMA.

13.1.6 The Committee noted the request from Viet Nam to retire the name of tropical cyclone LINFA and request Macao, China to provide replacement names.

13.1.7 The Committee noted the request from Philippines to retire the names of tropical cyclone VONGFONG, MOLAVE, GONI and VAMCO and request Macao, China; Philippines, Republic of Korea and Viet Nam to provide replacement names.

APPENDIX B:

REPLACEMENT FOR TYPHOON NAMES

1. Replacement names for YUTU provided by China:

许万智 @

10:54 AM

Re: Re: The name of New Typhoon Names from China

[Details](#)

To: Clarence Fong, Cc: Qian Chuanhai

Dear Clarence Fong,

I hope everything goes well.

I would like to refer to letter requesting for the replacement names and audio files for YUTU.

Here are 3 submitted names(**Final Version**) in the order of our preference with meanings,respectively.

1. Yinxing: A kind of tree native to China;
2. Bailongma: A Character from the renowned novel *Journey to the West*;
3. Ziwei: A kind of flower


Please feel free to contact me if you have any further inquiries.

Best Regards,

Wanzhi Xu

CMA

2. Replacement names for KAMMURI provided by Japan:



JAPAN METEOROLOGICAL AGENCY
3-6-9 Toranomon, Minato City, Tokyo 105-8431, Japan
Phone: +81-3-3584-8603
Fax: +81-3-3434-9009
Email: jma@met.kishou.go.jp

Our reference: JMA21/AD3/011 13 January 2021

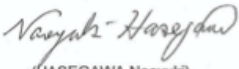
Mr Yu Jixin
Secretary of the Typhoon Committee
Avenida 5 de Outubro, Coloane
Macau, China

Dear Mr Yu,

I refer to the letter TCS/049-2020 dated 28 July 2020 regarding replacement of tropical cyclone names for KAMMURI. I would like to inform you that Japan proposes three names as a replacement for KAMMURI as shown in Annex.

I hope that replacement name are to be approved at the fifty-third session on the ESCAP/WMO Typhoon Committee.

Yours sincerely,


(HASEGAWA Naoyuki)
Director-General
Japan Meteorological Agency

Annex

Proposed Replacement Names for KAMMURI

Order of Preference	TC Name	Pronunciation	Meaning
1	Ryu	Ryu	Draco; dragon
2	Koto	Koto	Lyra; harp
3	Tokai	Tokai	Horologium; clock

3. Replacement names for FAXAI and provided by Lao PDR

Replacement of FAXAI and PHANPHONE

FAXAI: PHOU BIA, NONGFA, XE KATAM

PHANPHONE: NOK AEN, DOKCHAMPA, SEUAKHONG

1. PHOU BIA

Meaning: **Phou Bia** is name of mountain where is the highest mountain in Laos (high is 2,820 meters) and is located in the Annamese Cordillera, at the southern limit of the Xieng Khouang Plateau in Xieng Khouang Province. Owing to its altitude, the climate is cold and the area around the mountain is mostly cloudy. Although no snow has been reported for decades, it's documented that as late as the first years of the 20th century, snow fell occasionally on its top.



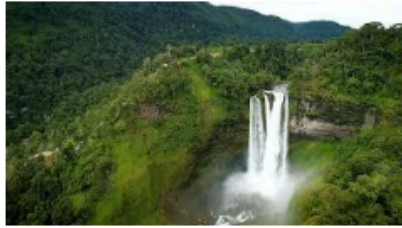
2. NONGFA

Meaning: NONGFA is a name of lake. **Nong Fa Lake** or **Nongphatom Lake** (meaning *Blue lake*) is a volcanic crater lake in the mountains of *Sanxay District, Attapeu Province*, southeastern **Laos**, located within the *Dong Ampham National Biodiversity Conservation Area*, about 12 kilometres from the Vietnamese border. At an altitude of 1154 metres, the maximum depth of the lake is reportedly 78 metres, although locals have claimed that the depth is unknown, having attempted fruitlessly to gauge the depth with bamboo poles.



3. XE KATAM

Meaning: XEKATAM is waterfall



4. NOK AEN

Meaning: NOK AEN is name of bird “**Swallows**”. NOK AEN is a large animal that lives in Xieng Khouang Province since ancient times, and has become a symbol of home decoration. An animal that is beautiful, strong, courageous, agile, not afraid of storms, patient, sharp-eyed, united. An animal with a noble title, a companion animal of the village and the district with the unique values of the people of Xieng Khouang from the past to the present.



5. DOK CHAMPA

Meaning: Being the symbol of sweet and innocent nature, Dok Champa is the national flower of Laos



6. SEUAKHONG

Meaning: SEUAKHONG is Panthera Tigris



4. Replacement names for HAGIBIS provided by Philippines:



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and Astronomical Services
Administration (PAGASA)

28 January 2021

Mr. YU JIXIN
Secretary of the Typhoon Committee
Typhoon Committee Secretariat
Avenida de 5 de Outubro, Coloane – Macau, China

Thru: **Mr. CLARENCE FONG**
Meteorologist, Typhoon Committee Secretariat

Sir:

In preparation for the 53rd Annual Session of the UNESCAP/WMO Typhoon Committee, please be informed that the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) wishes to propose the following names to be considered as replacement for "HAGIBIS" (T1919), to wit:

Name	Pronunciation	Meaning
TAMARAW	<i>ta.ma.raw.</i>	small, hooved mammal; only endemic Philippine bovine
KUSOG	<i>kú.sug.</i>	having great power or force or potency or effect
RAGASA	<i>ra.ga.sá.</i>	sudden quickening of movement; surge; rush

The Committee's consideration of this proposal will be highly appreciated.

Sincerely yours,

VICENTE B. MALANO, PH.D.
Administrator

"tracking the sky...helping the country"

Science Garden Compound, BIR Road, Brgy. Central
Quezon City, Metro Manila, Philippines 1100




Tel. Nos. (02) 8284-0800
Website: <http://bagong.pagasa.dost.gov.ph>

5. Replacement names for LEKIMA provided by Viet Nam:



MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT
VIET NAM METEOROLOGICAL AND HYDROLOGICAL ADMINISTRATION

Annex
LIST OF THREE NAMES PROPOSAL FOR LEKIMA TYPHOON NAME REPLACEMENT

No.	Replacement names	Meaning	Description
1	Co May	It is a species of grass native that naturally distributed in the delta, especially on the river bank. It has silver purple tiny flower that blooms on the summer. The scientific name is <i>Chrysopogon Aciculatus</i> .	
2	Bang Lang	It is a species of medium-size woody native that widely distributed all over Viet Nam. It has purple flowers that bloom as a lovely indicator of the beginning of the summer. The scientific name is <i>Lagerstroemia speciosa</i> .	
3	Hoa Sim	It is a species of bush native that is very popular in the hills and mountain of the Northern Viet Nam. It has purple flowers that bloom on the summer. The scientific name is <i>Rhodomyrtus tomentosa</i> .	

Address: No 08, Phao Dai Lang Str., Dong Da Dist., Ha Noi, Viet Nam
Tel: +84 24 32673199/Ext: 224, Email: sticd_vnmha@monre.gov.vn, website: <http://kttvqg.gov.vn>

APPENDIX C:

REQUEST FOR REPLACEMENT FOR TYPHOON NAMES



MINISTRY OF NATURAL RESOURCES AND ENVIRONMENT
VIET NAM METEOROLOGICAL AND HYDROLOGICAL ADMINISTRATION

Ha Noi, 26 October 2020
Ref. No: 514 /ICD-2020

To: **Mr. Yu Jixin**
Secretary of Typhoon Committee

Subject: Request for the retirement of the name of Tropical Cyclone LINFA

Dear Mr. Yu Jixin,

The Viet Nam Meteorological and Hydrological Administration presents its compliments to the Typhoon Committee for the support and collaboration in the natural disaster forecasting, warning and prevention; contributing to the human life protection, socio-economic development and response to climate change in the community.

Tropical Cyclone named LINFA (TS 2015) is formed in the middle of Bien Dong Sea in the early of October 11th, 2020 and had been landed around 10 am of the same day on the Central region of Viet Nam. Catastrophic floods, flash floods and landslides caused by heavy rainfalls when LINFA made landfall and afterward have strongly impacted to the whole Central region of Viet Nam from October 10th 2020 to the present. A rapid assessment has been carried out at 17:00 pm of October 26th 2020 as follow:

- 148 deaths and missing; 1009 houses has been collapsed; 121,694 houses have been inundated caused huge human life losses and in danger in the Central region;

- 1.418 hectares of rice and 7.871 hectares of crops were damaged; Hundreds of thousands of livestock died caused the massive agricultural economy severely damage in the Central region.

Because of the massive losses of human life and assets, Viet Nam Meteorological and Hydrological Administration would like to request you to carry out procedures for the retirement of the name of Tropical Cyclone LINFA as the regulation.

Thank you very much for your collaboration and support,

Yours sincerely,

Prof. Tran Hong Thai
Vice-President of Regional Association II, WMO
Permanent Representative of Viet Nam with the WMO
Administrator of Viet Nam Meteorological and Hydrological Administration

Address: No 08, Phao Dai Lang Str., Dong Da Dist., Ha Noi, Viet Nam
Tel: +84 24 32673199/Ext: 224, Email: icd_nhms@kttv.gov.vn, website: <http://kttvqg.gov.vn>



Republic of the Philippines
DEPARTMENT OF SCIENCE AND TECHNOLOGY
Philippine Atmospheric, Geophysical and Astronomical Services
Administration (PAGASA)

28 January 2021

Mr. YU JIXIN
Secretary of the Typhoon Committee
Typhoon Committee Secretariat
Avenida de 5 de Outubro, Coloane – Macau, China

Thru: **Mr. CLARENCE FONG**
Meteorologist, Typhoon Committee Secretariat

Sir:

Pursuant to the procedures under Appendix 1-B, Items (e) and (f) of the Typhoon Committee Operational Manual – Meteorological Component (WMO/TD-No. 196 / TCP-23), the Philippine Atmospheric, Geophysical and Astronomical Services Administration (PAGASA) respectfully requests the retirement of the following tropical cyclone names:

Tropical Cyclone Name	Contributing Member	Casualties	Aggregate Cost of Damage	Reference
VONGFONG (T2001)	Macau, China	D: 0, I: 169, M: 0	PHP 1,574,512,997.00	Sitrep No. 15 05/07/2020
MOLAVE (T2018)	Philippines	D: 27, I: 40, M: 4	PHP 4,222,666,305.72	Sitrep No. 11 11/09/2020
GONI (T2019)	Republic of Korea	D: 25, I: 399, M: 6	PHP 17,875,444,873.78	Sitrep No. 12 11/11/2020
VAMCO (T2022)	Vietnam	D: 101, I: 85, M: 10	PHP 20,260,658,825.17	Sitrep No. 28 12/10/2020

Note: D – dead, I – injured, M – missing.

The report of casualties and cost of damage to agriculture and infrastructure associated with the occurrence of tropical cyclones in the Philippines are based on the reports of the National Disaster Risk Reduction and Management Council (NDRRMC).

The Committee's consideration of this request will be highly appreciated.

Sincerely yours,

VICENTE D. MALANO, PH.D.
Administrator

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