

Readme for Tropical Cyclone tracks over the Western North Pacific from 1902 to 1940

Data source

Monthly Bulletins of the Philippine Weather Bureau 1901-1940

Datasets

TC (tropical cyclone) track locations

Data files

TYByyyymmdd.a.dat (for example: TYB19020706.a.dat)

yyymmdd: It is the first date of each TC track.

When the TC have more than 2 at the same date, "a" becomes "b" or "c" to distinguish each other.

Data format

"year" "month" "date" "hour (PLT)" "latitude" "longitude" "flag1" "flag2"

PLT: Philippine local time (+8 hours GMT)

flag1: types of TC

2: Tropical Storm or Typhoon (center pressure less than 750mmHg (about 1000 hPa))

4: its intensity is unknown (Typhoon or Tropical Depression or Extra Tropical Cyclone)

8: Tropical Depression

1: report the TC heading direction

flag2: Quality Check is performed

1: satisfied (compared to other best track data)

4: failed (high possibility of extra tropical cyclone)

6: questionable (possibility of tropical depression or extra tropical cyclone)

9: not checked (for flag1: 4, 8, and 1)

I strongly recommend of using only satisfied typhoon data with 2 in flag1 and 1 in flag2.

Data Policy

This dataset is available for research only and not allowed to provide it to third party.

Reference

When you use this data, please refer the following manuscript.

Kubota, H., and J. C. L. Chan (2009), Interdecadal variability of tropical cyclone landfall in the Philippines from 1902 to 2005, *Geophys. Res. Lett.*, 36, L12802, doi:10.1029/2009GL038108.

Data Citation

The following is an example of data citation including creator(s), publication year, title, publisher, DOI and access date.

Hisayuki Kubota (2009) Typhoon tracks during the early 20th century. JAMSTEC. doi:10.17596/0000061 (accessed YYYY-MM-DD)

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