

## Weather Summaries for July to September 2018 in Tokyo and local venues

### 1. Monthly Weather highlights for 2018 summer

(retrieved 00:32:23UTC October 18, 2018, from

<https://ds.data.jma.go.jp/tcc/tcc/products/japan/climate/index.php>)

#### ◆ July 2018

Monthly mean temperatures were significantly above normal in northern, eastern and western Japan, with the highest on record for July since 1946 in eastern Japan due to stronger-than-normal extensions of the North Pacific Subtropical High and the Tibetan High to mainland Japan.

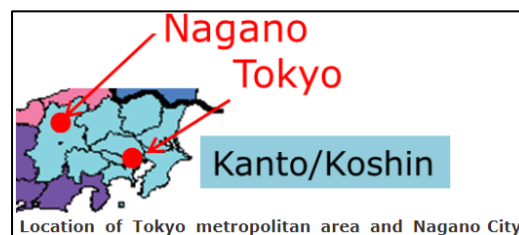
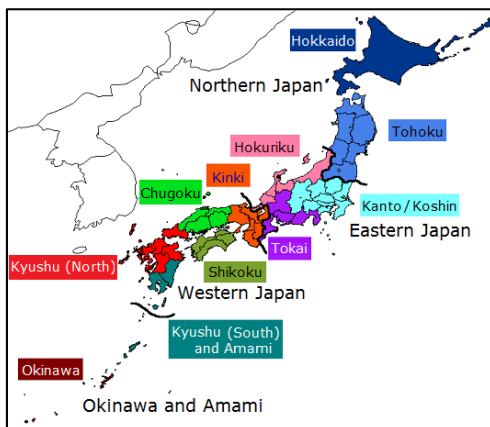
#### ◆ August 2018

In eastern and western Japan, monthly mean temperatures were significantly above normal, and on the Sea of Japan side of western Japan, monthly precipitation amounts were significantly below normal and monthly sunshine durations were significantly above normal, because the Tibetan high covered those regions with fine and very hot days.

#### ◆ September 2018

In eastern and western Japan, monthly sunshine durations were significantly below normal because the rain front tended to stay over the regions, which brought cloudy and rainy weather there. Monthly precipitation amounts in the regions were significantly above normal as the humid air often flowed towards the rain front from the enhanced high pressure system to the south of Japan.

Meteorological Districts of Japan



<https://www.data.jma.go.jp/gmd/cpd/longfcst/en/tourist.html>

## 2. Daily weather observation data at Tokyo and other areas including local venues

Please refer to 02\_Appendix\_2018\_Weather\_Observation\_Data\_Tokyo\_and\_local\_venues file for daily specific observational data for July to September 2018 of observation sites listed below.

- ① **Tokyo** (observed by Japan Meteorological Agency) 35.6917N 139.75E Altitude: 25 m
- ② Mobara (Japan Meteorological Agency, 8.9km northwest of **Tsurigasaki Surfing Beach**) 35.4163N 140.31E Altitude: 9 m
- ③ Tsujido (Japan Meteorological Agency, 3.8km northwest of **Enoshima Yacht Harbour**) 35.3200N 139.45E Altitude: 5 m
- ④ Ajiro (Japan Meteorological Agency, 8.1km northeast of **Izu MTB Course**) 35.0465N 139.09E Altitude: 67 m
- ⑤ Gotemba (Japan Meteorological Agency, 6.9km south of **Fuji International Speedway**) 35.3050N 138.93E Altitude: 472 m
- ⑥ **Fukushima** (Japan Meteorological Agency) 37.7585N 140.47E Altitude: 67 m
- ⑦ **Sapporo** (Japan Meteorological Agency) 43.0605N 141.329E Altitude: 17 m
- ⑧ Sendai (Japan Meteorological Agency, 9.2km southwest of **Miyagi Stadium**) 38.2620N 140.90E Altitude: 39 m
- ⑨ **Kashima** (Japan Meteorological Agency) 35.6917N 139.75E Altitude: 37 m



### 3. Typhoon

There were 4 typhoons listed below approached Kanto/Koshin district, which includes Tokyo metropolitan area during the opening period of the village (July 14 to September 9) of 2018.

(figures retrieved 05:11:10UTC October 11, 2018, from  
[https://www.jma.go.jp/jma/jma-eng/jma-center/rsmc-hp-pub-eg/bstve\\_2018\\_m.html](https://www.jma.go.jp/jma/jma-eng/jma-center/rsmc-hp-pub-eg/bstve_2018_m.html))

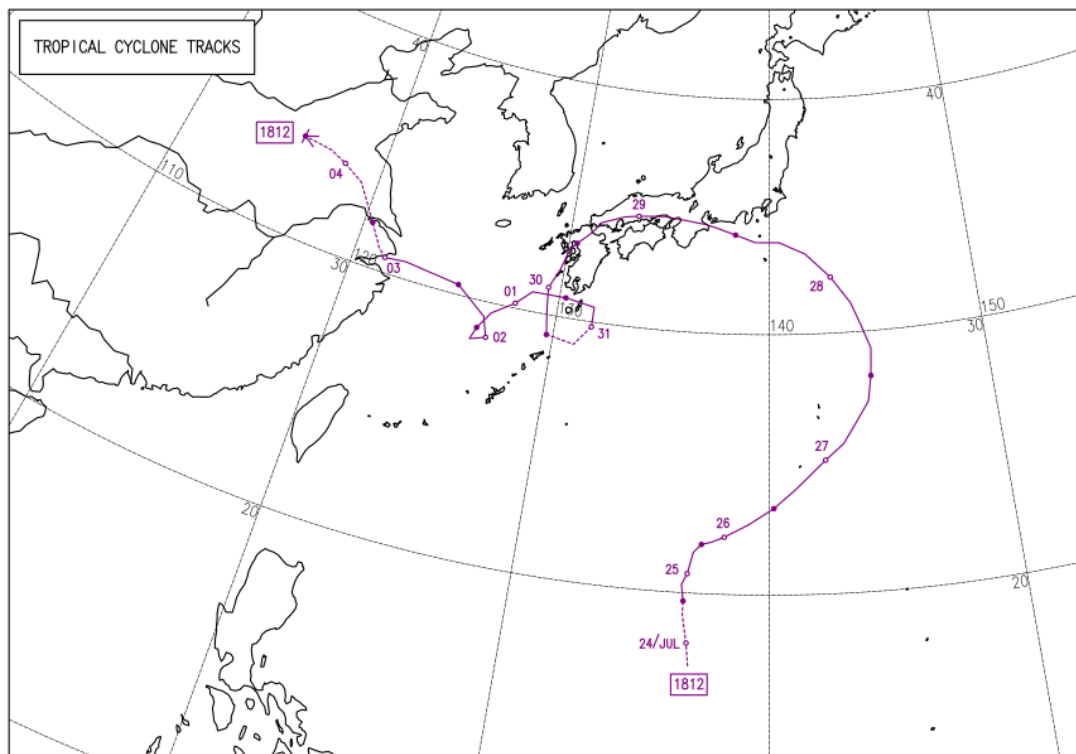
(1) Typhoon Jongdari (Typhoon No. 12, July 24 – August 3)

Maximum observed wind at Tokyo observation site:

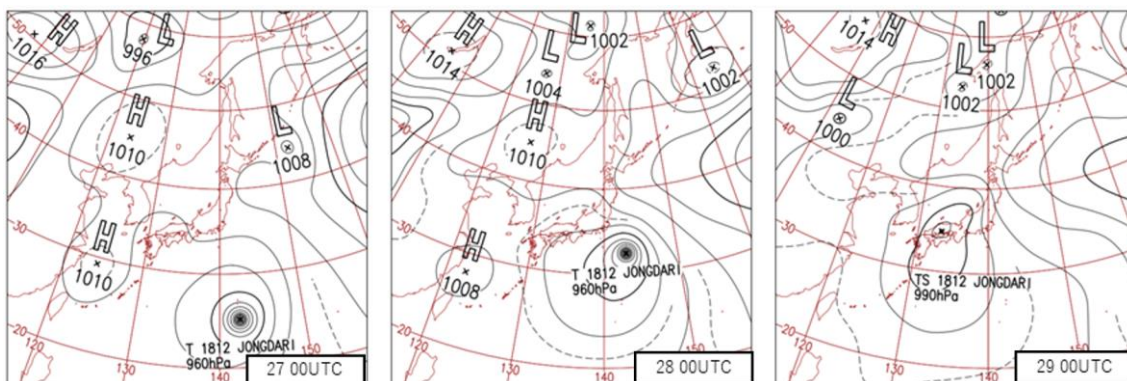
10-minute average: 7.9m/s NNE 2018/7/28 14:49 (JST)

Instantaneous: 19.3m/s NNE 2018/7/28 15:03 (JST)

• Best Track Data (Graphics)



• Daily Weather Maps



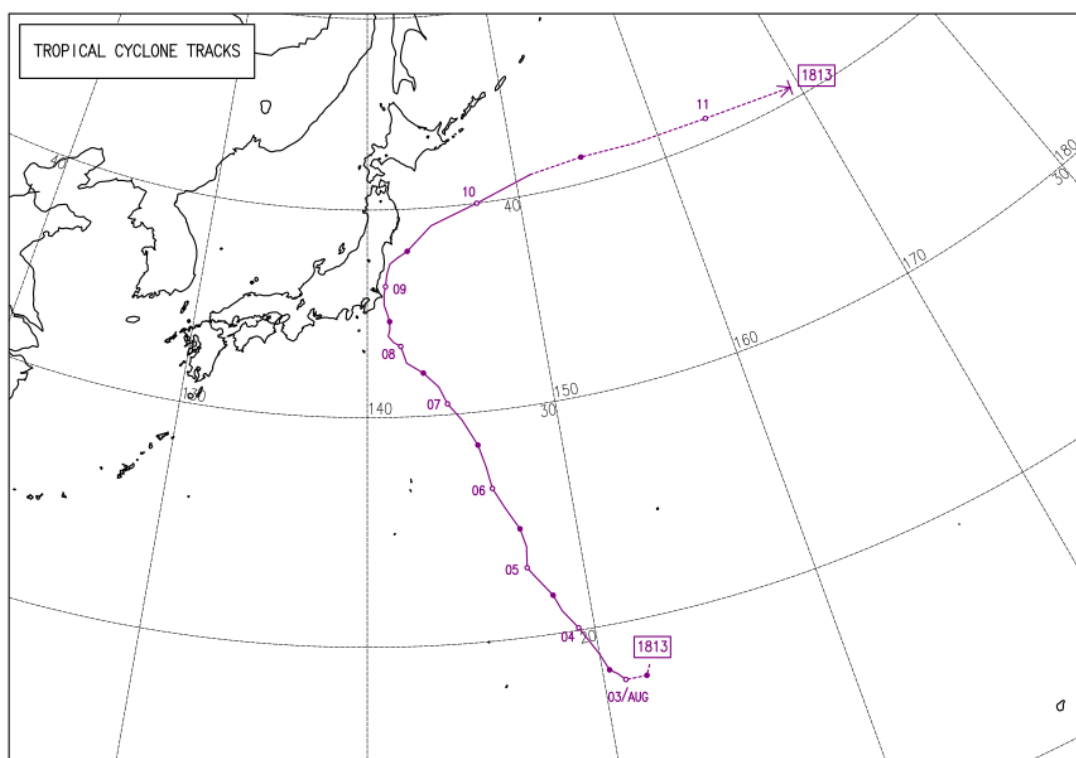
## (2) Typhoon Shanshan (Typhoon No. 13, August 3 – August 10)

Maximum observed wind at Tokyo observation site:

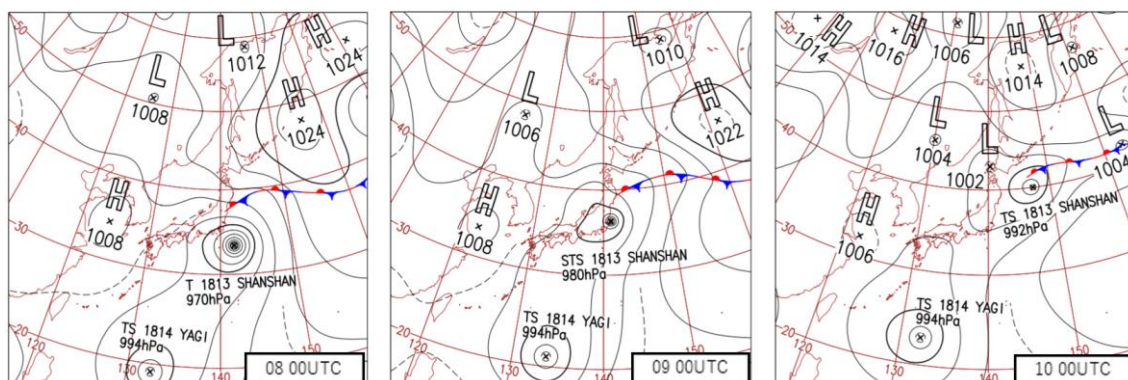
10-minute average: 8.3m/s NW 2018/8/9 3:31 (JST)

Instantaneous: 14.8m/s NW 2018/8/9 3:15 (JST)

• Best Track Data (Graphics)



• Daily Weather Maps



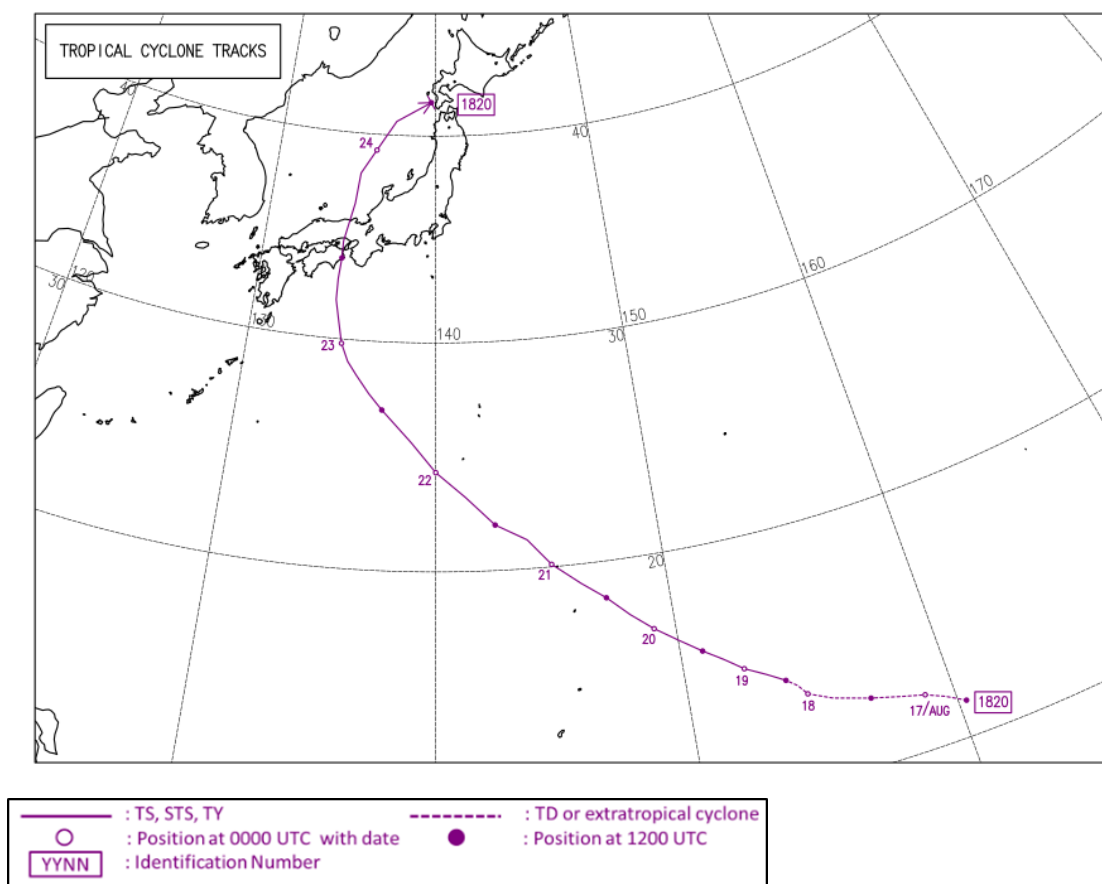
### (3) Typhoon Cimaron (Typhoon No. 20, August 18 – August 24)

Maximum observed wind at Tokyo observation site:

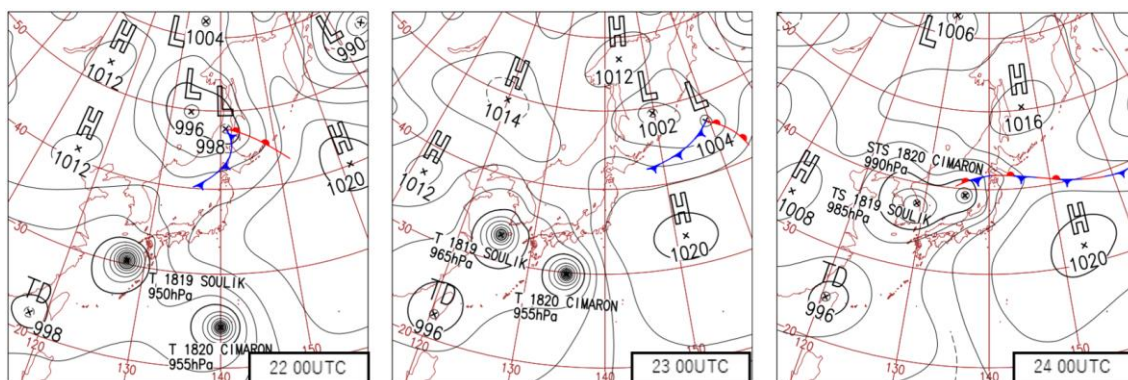
10-minute average: 11.0m/s SSE 2018/8/24 2:28 (JST)

Instantaneous: 20.1m/s SE 2018/8/24 3:20 (JST)

• Best Track Data (Graphics)



• Daily Weather Maps





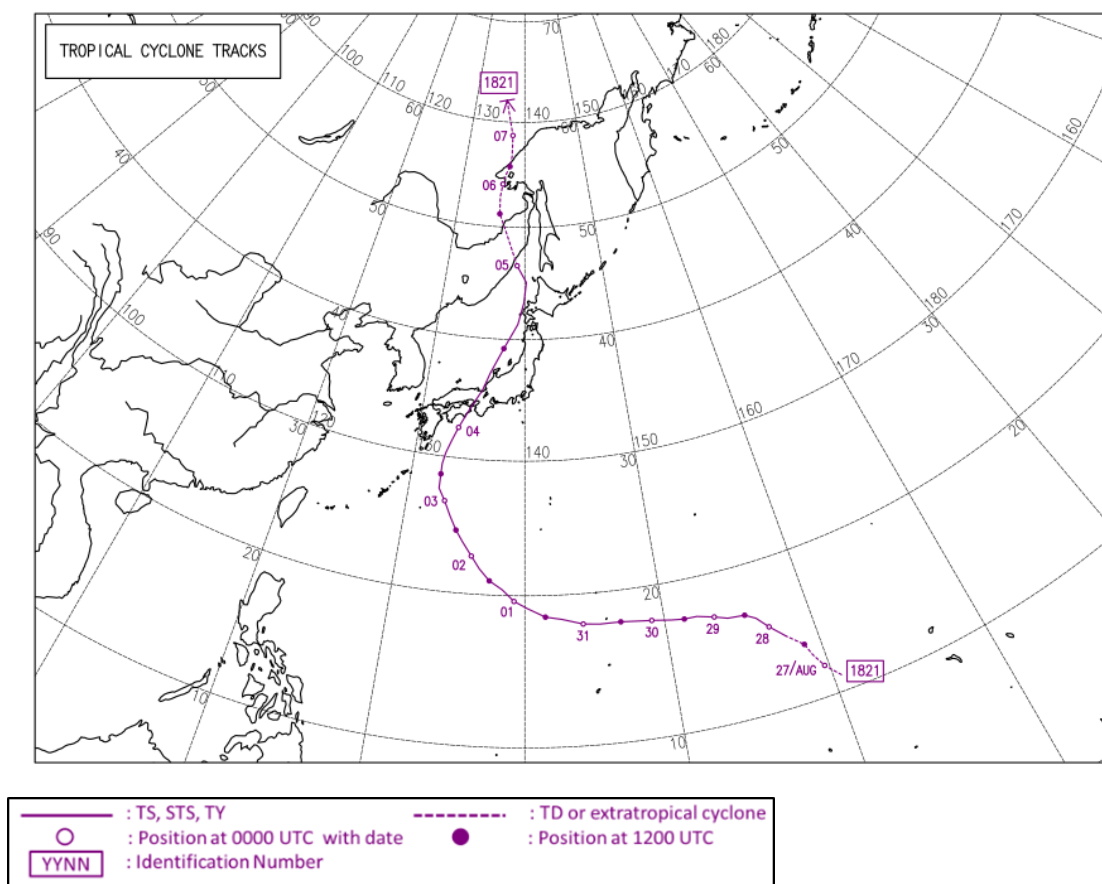
#### (4) Typhoon Jebi (Typhoon No. 21, August 28 – September 05)

Maximum observed wind at Tokyo observation site:

10-minute average: 12.9m/s S 2018/9/4 19:20 (JST)

Instantaneous: 26.8m/s S 2018/9/4 19:05 (JST)

##### • Best Track Data (Graphics)



##### • Daily Weather Maps

