



## TPMU STATUS – MARCH 2018

- TPMU is in nominal operation 210 minutes per day from Monday to Friday by TPMU-DSLP NOM03 mode (Sequence 50) starting at 14:00 UT
- We suppose to continue TPMU operation in the current mode
- TPMU web site was upgraded with NRT and Archive data
  - <http://www.ufa.cas.cz/html/upperatm/tpmu/TPMU.html>
  - <http://www.ufa.cas.cz/html/upperatm/tpmu/TPMUnrt.html>
  - <http://www.ufa.cas.cz/html/upperatm/tpmu/TPMUarchive.html>
- Provided is electron temperature ( $T_e$ ) and floating potential ( $F_p$ ) data
- NRT data is processed with about one week delay
- Archive data covers 2012-2017 period
- This time no all archive data is available on the web, we will complete data successively

# TPMU DATA

Data is provided for month period, e.g.

Period	Pass	Te file	Fp file
2018-03	26774-26814	<a href="#">26774-26814.te</a>	<a href="#">26774-26814.fp</a>
2018-02	26551-26757	<a href="#">26551-26757.te</a>	<a href="#">26551-26757.fp</a>
2018-01	26212-26475	<a href="#">26212-26475.te</a>	<a href="#">26212-26475.fp</a>

Electron temperature (Te) data is simple text file format with columns Pass, UNIX time, Date, Time and value in Kelvins:

```
25544 1508767323 2017-10-23 14:02:03 5806.2
25544 1508767325 2017-10-23 14:02:05 5468.2
25544 1508767327 2017-10-23 14:02:07 3132.3
```

.....

The measurement period for Te is 2s

Floating potential (Fp) data is simple text file format with columns Pass, UNIX time, Date, Time and value in Volts:

```
25544 1508767329 2017-10-23 14:02:08 -1.816
25544 1508767360 2017-10-23 14:02:40 -1.816
25544 1508767392 2017-10-23 14:03:12 -1.577
```

.....

The measurement period for Fp is 32s

# Example of actual TPMU raw data quick-look

