

Ionosphere TEC/Scintillation Monitor Data Format

DNP Data Format

1. Example

```

      YYYY MM DD hh mm ss  PRN          L1-PSR          L1-ADR          L2-PSR
L2-ADR
2010 11 25 06 59 55    4   32845892.64062 -172606384.64062  32845897.42188 -134498537.33984
2010 11 25 06 59 55   10   32802938.24219 -172383226.46875  32802943.14844 -134322702.05078
2010 11 25 06 59 55   17   34718501.52344 -182469781.69531  34718505.62500 -142166489.98828
    
```

2. Description

The record consists of two parts: the header and the data record.

A complete record in Fortran style is: I4, 5(X, I2), X, I4, 4(X, F16.5).

The sampling rate is 30 seconds.

No.	Item	Format Code	Units	Default Invalid	Data Range	Description
1	YEAR	I4		/	/	/
2	MON	I2		/	0-12	/
3	DAY	I2		/	0-31	/
4	HOUR	I2	hour	/	0-24	/
5	MIN	I2	minute	/	0-59	/
6	SEC	I2	second	/	0-59	/
7	PRN	I4		/	1-32	Satellite number
8	L1-PSR	F16.5	meter	/	0-99999999 999.99999	/
9	L1-ADR	F16.5	cycle	/	-99999999 9.99999-99 9999999.99 999	/
10	L2-PSR	F16.5	meter	/	0-99999999 999.99999	/
11	L2-ADR	F16.5	cycle	/	-99999999 9.99999-99 9999999.99 999	/

