How to read *Missouri River Contingency using 16 days of QPF* text message

For each location there are two forecast time series 1) stage forecast and 2) Flow (Discharge) forecast.

The time series are values at a 6-hour time step. The first value is always at 1800 UTC (1200pm CST/0100pm CDT) and the start date is the first year-month-day in the ".ER' line. Each line of values represents 24-hour period.

Start Date – 20190208 is Feb 8, 2019

:SOUTH SIOUX CITY NE - MISSOURI RIVER   HSA - FSD
:FLOOD STAGE 30.0 FT FCST ISSUANCE STAGE 28.0 FT
:Stage Forecast in Feet
.ER SSCN1 20190208 Z DH18/DC201902081303/HGICKZZ/DIH06
.E1   8.7/ 8.7/ 8.7/ 8.7
.E1   8.7/ 8.8/ 8.8/ 8.8
.E2   8.8/ 8.8/ 8.8/ 8.8

Start Time is 18 UTC (1800 UTC) or in local time 1200pm CST or 0100pm CDT

So the above example stage forecast for South Sioux City NE(Sioux City, IA) translates to:

12pm 02/08	6pm 02/08	12am 02/09	6am 02/09	12pm 02/09	6pm 02/09	12am 02/10	6am 02/10	12pm 02/10	6pm 02/10	12am 02/11	6am 02/11
8.7	8.7	8.7	8 .7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8

:SOUTH SIOUX CITY NE - MISSOURI RIVER   HSA - FSD
:Flow Forecast in KCFS
.ER SSCN1 20190208 Z DH18/DC201902081303/QRICKZZ/DIH06
.E1   22.385/ 22.429/ 22.472/ 22.516
.E1   22.561/ 22.607/ 22.653/ 22.699
.E2   22.746/ 22.792/ 22.839/ 22.886

Likewise the flow (discharge) forecast (including converting from KCFS to CFS) translates to:

12pm 02/08	6pm 02/08	12am 02/09	6am 02/09	12pm 02/09	6pm 02/09	12am 02/10	6am 02/10	12pm 02/10	6pm 02/10	12am 02/11	6am 02/11
22,385	22,429	22,472	22,516	22,561	22,607	22,653	22,699	22,746	22,792	22,839	22,886