

Supported Time Formats

All Opmantek applications that handle time-series data use a [common mechanism](#) for parsing start and end times, which supports a large number of different formats listed below.

Starting with opEvents 2.0.4, Time zone specifications are also supported.

Default Format

The default format is the specific "DD-MON-YYYY HH:MM:SS", which you will have seen already in the Quick Search field. The default timezone is the server's local timezone (or the configured timezone as per `omkd_display_timezone` - available in opEvents releases 2.0.4 and newer).

Absolute Date Formats

- Dow, dd Mon yy
- Dow, dd Mon yyyy
- Dow, dd Mon
- dd Mon yy
- dd Mon yyyy
- Month day{st,nd,rd,th}, year
- Month day{st,nd,rd,th}
- Mon dd yyyy
- yyyy/mm/dd
- yyyy-mm-dd
- yyyy/mm
- mm/dd/yy
- mm/dd/yyyy
- mm/yy

Relative Date Formats

- count "days"
- count "weeks"
- count "months"
- count "years"
- Dow "after next"
- Dow "before last"
- "next" Dow
- "tomorrow"
- "today"
- "yesterday"
- "last" dow
- "last week"
- "now"
- "now" "+" count units
- "now" "-" count units
- "+" count units
- "-" count units
- count units "ago"

Absolute Time Formats

- hh:mm:ss[.ddd]
- hh:mm
- hh:mm[AP]M
- hh[AP]M
- hhmmss[[AP]M]
- "noon"
- "midnight"

Relative Time Formats

- count "minutes" (count can be fractional "1.5" or "1 1/2")
- count "seconds"
- count "hours"
- "+" count units
- "-" count units
- count units "ago"

Timezone Specifications

The underlying date and time parser understands primarily the formats "GMT+H", "GMT+HHMM", "+HHMM" (and the corresponding variants with "-"), and a very limited subset of Timezone names.