

June 30th Leap Second and Sokkia GNSS Receivers



Leap Second to be Added

The International Earth Rotation and Reference System Service (IERS) in Paris, France observes the Earth's rotation and compares it to atomic time. As per [IERS bulletin C 49](#), a positive leap second will be introduced on Tuesday, June 30, 2015 at 23h 59m 60s UTC time.

The previous event occurred on June 30, 2012 at 23:59:60 UTC.

Handling of upcoming positive leap second in Sokkia receivers

Sokkia receivers running in GPS-only mode will not be affected by this leap second introduction; systems will continue to run seamlessly before and after the leap second introduction. Some Sokkia receivers running in GPS+GLONASS configuration will experience shifts in standalone position for 2.5 minutes after the event and loss of fix position for about 20 minutes. TopconSokkia recommends that you switch your receivers to GPS-only mode of operation for those 20 minutes. In case of any advanced support, contact TopconSokkia technical support at topcontechnicalsupport@topcon.com or 1-866-4TOPCON

Examples of Midnight UTC in Various Timezones around the world

Location	Local Day/Date	Local Time
California, US (Pacific Daylight Time)	Tuesday, June 30, 2015	04:59:60 PM
Ohio, US (Eastern Daylight Time)	Tuesday, June 30, 2015	07:59:60 PM
Brasilia, Brazil	Tuesday, June 30, 2015	08:59:60 PM
Netherlands	Wednesday, July 01, 2015	01:59:60 AM
Beijing, China or Perth, Australia	Wednesday, July 1, 2015	07:59:60 AM
Tokyo, Japan	Wednesday, July 1, 2015	08:59:60 AM
Sydney, Australia	Wednesday, July 1, 2015	09:59:60 AM

For more information, please refer to:

[Time Service Dept., U.S. Naval Observatory, Washington, DC](#)