



Support Note

GEOSPATIAL DIVISION
JANUARY 2019

TRIMBLE SURVEY GNSS FIRMWARE

Special note on GPS Week Number Rollover Occurring April 2019

A GPS week rollover will occur at the end of the GPS day on 6 April 2019, at which time the GPS week will transition from week 2047 to 2048. However, because the GPS message structure broadcast by the satellites defines the week as a 10-bit value, the GPS messages will indicate that the week has changed from 1023 to week 0.

Trimble has performed tests using a GNSS simulator to verify that the receiver firmware correctly handles the week rollover in different scenarios, including real time kinematic and static surveys with various input and output messages, as well as data file format conversions.

To prepare for the week number rollover, it is recommended to install the latest receiver firmware version using Trimble Installation Manager for current products or Trimble WinFlash for legacy products. All Trimble receivers with firmware version ≥ 2.32 will continue to operate normally following the rollover.

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Current receiver firmware version

The table below shows the current firmware versions for all Trimble receivers (Year 2000 and beyond). Protection plans, including receiver firmware maintenance, are available for upgrading your receiver to the current firmware version, if required. See your local distributor for information on protection plans.

GPS and GNSS Hardware	Version
Trimble 5700 Model 1	2.32
Trimble 5700 Model 2	4.90
Trimble 5800 Model 1	2.32
Trimble 5800 Model 2	4.43
Trimble R2	5.40
Trimble R4 Model 2 and Model 3	5.40
Trimble R4 Model 1	4.64
Trimble R5	5.00
Trimble R6 Model 3 and Model 4	5.40
Trimble R6 Model 1 and Model 2	4.64
Trimble R7 GNSS	5.00
Trimble R8 Model 3 and Model 4	5.40
Trimble R8 Model 2	4.64
Trimble R8 Model 1	2.32
Trimble R8s	5.40
Trimble R9s	5.40
Trimble R10 + Trimble R10 LT	5.40
Trimble R10 Model 2	5.40
Trimble NetR9 Geospatial	5.40

For more information

For more information contact your local Trimble Distribution Partner.