Note: True sun observation vs Mean sun estimates: What is The Difference?
It is important to know the difference, especially if you have been unable to identify the sun dial observation due to cludy conditions!

All listings of the occurrence of the equinox on typical published calendars is a methematica estimate - known as the "mean sun estimate" an average estimation from a standardised mathematical formula

When our common published (Jersualem time) calendar presentation of the "mean sun estimation" of the equinox is presented as occuring (Jerusalem Longitude) in the evening after dusk, then our research is that the actual true sun observation of the equinox as practically observed on a sun dia (the tell tale straight line) would ocur on the very next day when the sun is shining

With this understanding one can can still identify when the actual day of the true observed sun occurrence of the equinox would occur from what is mathematically estimated (for Jerusalem) as presented on our common calendars.


| 8 | 5 |  | 24 |
| :---: | :---: | :---: | :---: |
| 9 | 6 |  | 25 |
| 10 | 7 |  | 26 |
| 11 | 8 |  | 27 |
| 12 | 9 |  | 28 |
| 13 | 10 |  | 29 |
| 14 | 11 | Weekly Sabbath | Tues 30th March |
| 15 | 12 |  | 31 |
| 16 | 13 |  | 1 |
| 17 | 14 | Passover Meal (Evening) | Fri 2nd April |
| 18 | 1 | Unleavened Bread Day 1 crucifixion death (late afternoon) | Sat 3rd April |
| 19 | 2 |  | 4 |
| 20 | 3 |  | 5 |
| 21 | 4 | Weekly Sabbath | Tue 6th April |
| 22 | 5 (1-Omer) | FEAST OF FIRST FRUITS - Day 1 of Omer Count | Wed 7th April |
| 23 | 6(2) |  | 8 |
| 24 | 7(3) | Unleavened Bread Day 7 | Fri 9th April |
| 25 | 4 |  | 10 |
| 26 | 5 |  | 11 |
| 27 | 6 |  | 12 |
| 28 | 7 | Weekly Sabbath (1st of 7 to Feast Of Weeks) | Tues 13th April |
| : | : | : | : |
| : | 49 | Weekly Sabbath (7th to Feast Of Weeks) | Tues 25th May |
| : | 7 sabbaths / 50 day count from Tues 7th April | FEAST OF WEEKS | Wed 26th May |

Expected True Observed Sun Autumnal Equinox Jerusalem Meridian - on 23rd Sept 2021. (Mean sun estimate of Jerusalem Equinox 22 Sept at 10:20 pm, Jersualem IST)
\#\#\# Recent Dead Sea Scroll Fragment Translation Reveals The Position Of The Feast Of First Fruits - confirms Lev 23:15
"These dates constituted an extension of the festival of Shavuot as we know it today, which celebrates the New Wheat," the resarchers said. "According to this calendar, the festival of New Wheat falls 50 days after the first Sabbath following Passover..."

The article doesn't specifically mention the Feast of First Fruits, but states that thislast Dead Sea Scrolls fragment recently ranslated (2018) describe the festival of "New Wheat" as counted $\mathbf{5 0}$ days after the first weekly Sabbath following Passover_- that means the Feast of First Fruits is thereby identified because that is day 1 of the 50 day count - the 1st day after the weekly sabbath that immediately follows the PASSOVER (i.e not after the full 7 days of Unleavend Bread are complete) so the fragment is ponting to the Feast of First Fruits as occuring on the next day immedately after the first weekly sabbath following Passover.
See: https://www.breakingisraelnews.com/101605/dead-sea-scroll-temple-calendar/

