

## Holyday Dates – 2021

All dates & times are using Jerusalem, Israel  
as “the center of the earth” (Ezek 38.12)  
Universal Reference Point

1. **Passover/First Day of Unleavened Bread – April 26, Tuesday**
2. **Last Day of Unleavened Bread – May 2, Sunday**
3. **Feast of Firstfruits/Pentecost – June 20, Sunday**
4. **Feast of Trumpets – October 7, Thursday**
5. **Day of Atonement – October 16, Saturday**
6. **Feast of Tabernacles – October 21, Thursday**
7. **Last Great Day – October 28, Thursday**

The Holydays start at the previous day’s sunset. These Holydays are calculated using the astronomical data from <http://timeanddate.com> using the following major steps:

1. Calculate the Spring Equinox in Jerusalem
2. Find the next New Moon as the first month of the year
3. Find the next sunset in Jerusalem as the first day of year
4. Count to the 14<sup>th</sup> day as the **Passover**
5. Count to the 20<sup>th</sup> day as the **Last Day of Unleavened Bread**
6. Count 50 days from the morning after the Sabbath (Sunday) during the 14-20<sup>th</sup> days as the **Feast of Firstfruits/Pentecost** on a Sunday
7. Count to the 7<sup>th</sup> New Moon (confirm exact day with sunset times)
8. Find the next sunset in Jerusalem as the first day of the 7<sup>th</sup> month as the **Feast of Trumpets**
9. Count to the 10<sup>th</sup> day as the **Day of Atonement**
10. Count to the 15<sup>th</sup> day as the **Feast of Tabernacles**
11. Count to the 22<sup>nd</sup> day as the **Last Great Day**

**Note:** The governing paradigm for these Holyday calculations is to use the created astronomical clock in the sky with the sun and the moon ruling the day, the night and the seasons (Gen 1:16; Ps 136:7-9; 104:19), and just as the hour and minute and second hands of a wrist watch, the season (hour-hand) must be set/completed first, then the month (minute-hand), and then the day (second-hand) in order to set the proper (ful-filled) time for events to occur. This is why we use the **next** new moon the AFTER the equinox (season) to determine the **first month**, and why we use the **next** sunset AFTER the new moon occurs to determine the **first day** of the month.

Also, because the Creator actually starts the days at sunset as recorded in Genesis with the “evening” and then “morning” being one day (Gen 1:5, 9, 8, 13, 19, 31), please note the dates shown for the days of the holydays, and that the holyday actually begins at the sunset of the previous day’s date.

1. Calculate the Spring Equinox in **Jerusalem** under **Sun & Moon, Sun Calculator**  
<https://www.timeanddate.com/sun/israel/jerusalem?month=3&year=2021>

2021	Sunrise/Sunset		Daylength	
Mar	Sunrise	Sunset	Length	Diff.
15 ▾	5:49 am → (92°)	5:47 pm ← (268°)	11:57:54	+1:57
16 ▾	5:48 am → (91°)	5:47 pm ← (269°)	11:59:51	+1:57
17 ▾	5:46 am → (91°)	5:48 pm ← (269°)	12:01:49	+1:57

The **Spring Season** begins at the Spring Equinox, which begins in Jerusalem on the day whose "**Daylength**" is closest to **12 hours**, which above is **3/16**, which starts at the previous day's sunset.

2. Now find the first New Moon in Jerusalem **after** the above Spring Equinox date and time. This will start the first month of God's calendar year.  
<https://www.timeanddate.com/moon/phases/israel/jerusalem?year=2021>

Lunation	New Moon	
1212		
1213	Jan 13	7:00 am
1214	Feb 11	9:05 pm
1215	Mar 13	12:21 pm
1216	Apr 12	5:30 am
1217	May 11	9:59 pm

So, from the above chart, the first **New Moon** is on **April 12** at **5:30 am**.

3. Now find the **very next sunset** in Jerusalem that occurs **after** the above New Moon date and time. This begins the **First Day** of God's calendar for the year.

<https://www.timeanddate.com/sun/israel/jerusalem?month=4&year=2021>

2021 Sunrise/Sunset		
Apr	Sunrise	Sunset
11 ▾	6:15 am → (80°)	7:05 pm ← (281°)
12 ▾	6:14 am → (79°)	7:06 pm ← (281°)
13 ▾	6:12 am → (79°)	7:06 pm ↖ (281°)

So, from above chart, that **very next sunset** occurs on **April 12 at 7:06PM**. That sunset begins the **First Day** of God's Sacred Calendar Year, with day portion being on **April 13**.

4. To determine the date for **Passover (HOLIDAY 1)**, count **14 days** from and including **April 13**. This takes us to a **Passover** on **Monday April 26** (which begins at previous sunset).

<https://www.timeanddate.com/calendar/?year=2021>

## Calendar for Year 2021 (United States)

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28							28	29	30	31			
31																				
6:○	13:●	20:○	28:○				4:○	11:●	19:○	27:○				5:○	13:●	21:○	28:○			

  

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3						1		1	2	3	4	5		
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
4:○	11:●	20:○	26:○				3:○	11:●	19:○	26:○				2:○	10:●	17:○	24:○			

5. Then count **7 days**, starting on and including **Passover (HOLYDAY 1)**, to the **Last Day of Unleavened Bread (HOLYDAY 2)** on **Sunday May 2**, which completes the **Passover/Days of Unleavened Bread Feast** that lasts for exactly 7 days.  
<https://www.timeanddate.com/calendar/?year=2021>

## Calendar for Year 2021 (United States)

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28							28	29	30	31			
31																				
6:○	13:●	20:○	28:○				4:○	11:●	19:○	27:○				5:○	13:●	21:○	28:○			

  

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3						1			1	2	3	4	5	
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
4:○	11:●	20:○	26:○				3:○	11:●	19:○	26:○				2:○	10:●	17:○	24:○			

Remember, the **1<sup>st</sup>** and **7<sup>th</sup>** days of the Feast of Unleavened Bread are **Holydays**.

6. Then, to determine the date for **Pentecost (HOLYDAY 3)**, count **50 days** from and including the morning after the Sabbath (a Sunday) that occurs **during** that 7 days of the Passover/Days of Unleavened Bread Feast to get to the Sunday that is **Pentecost/Feast of Firstfruits**. So, the Sunday that occurs during those 7 days is **Sunday, May 2**, which is **Day 1**. **50 days** later is **Pentecost Sunday, June 20 (HOLYDAY 3)**.

<https://www.timeanddate.com/calendar/?year=2021>

## Calendar for Year 2021 (United States)

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2	1	2	3	4	5	6	1	2	3	4	5	6		
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28							28	29	30	31			
31																				
6:○	13:●	20:○	28:○				4:○	11:●	19:○	27:○				5:○	13:●	21:○	28:○			

  

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3						1			1	2	3	4	5	
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
4:○	11:●	20:○	26:○				3:○	11:●	19:○	26:○				2:○	10:●	17:○	24:○			

7. Then count from the **1st New Moon** to the **7th New Moon** to find the date for the **Feast of Trumpets (HOLYDAY 4)**.

<https://www.timeanddate.com/calendar/?year=2021>

## Calendar for Year 2021 (United States)

January							February							March						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6		1	2	3	4	5	6
3	4	5	6	7	8	9	7	8	9	10	11	12	13	7	8	9	10	11	12	13
10	11	12	13	14	15	16	14	15	16	17	18	19	20	14	15	16	17	18	19	20
17	18	19	20	21	22	23	21	22	23	24	25	26	27	21	22	23	24	25	26	27
24	25	26	27	28	29	30	28							28	29	30	31			
31																				
6:○	13:●	20:○	28:○				4:○	11:●	19:○	27:○				5:○	13:●	21:○	28:○			

  

April							May							June						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2	3						1			1	2	3	4	5
4	5	6	7	8	9	10	2	3	4	5	6	7	8	6	7	8	9	10	11	12
11	12	13	14	15	16	17	9	10	11	12	13	14	15	13	14	15	16	17	18	19
18	19	20	21	22	23	24	16	17	18	19	20	21	22	20	21	22	23	24	25	26
25	26	27	28	29	30		23	24	25	26	27	28	29	27	28	29	30			
							30	31												
4:○	11:●	20:○	26:○				3:○	11:●	19:○	26:○				2:○	10:●	17:○	24:○			

  

July							August							September									
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa			
					1	2	3						1	2	3	4				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11			
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18			
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25			
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30					
1:○	9:●	17:○	23:○	31:○			8:●	15:○	22:○	30:○				6:●	13:○	20:○	28:○						

  

October							November							December								
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa		
					1	2						1	2	3	4				1	2	3	4
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11		
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18		
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25		
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31			
31																						
6:●	12:○	20:○	28:○				4:○	11:○	19:○	27:○				4:○	10:○	18:○	26:○					

From above chart, with **First New Moon** being on **April 13**, it **appears** that the **7th New Moon** occurs on **October 6**, but we need to check for the **exact day** as shown below, because we do not want to be a day off!

So, we will use the chart below to see that the **7th New Moon** in Jerusalem, Israel, for this year occurs on **Saturday, September 28** at **9:26 pm**.

<https://www.timeanddate.com/moon/phases/israel/jerusalem?year=2021>

### Moon Phases for Jerusalem, Israel in 2021

Lunation	New Moon		First Quarter	
1212				
1213	Jan 13	7:00 am	Jan 20	11:01 pm
1214	Feb 11	9:05 pm	Feb 19	8:47 pm
1215	Mar 13	12:21 pm	Mar 21	4:40 pm
1216	Apr 12	5:30 am	Apr 20	9:58 am
1217	May 11	9:59 pm	May 19	10:12 pm
1218	Jun 10	1:52 pm	Jun 18	6:54 am
1219	Jul 10	4:16 am	Jul 17	1:10 pm
1220	Aug 8	4:50 pm	Aug 15	6:19 pm
1221	Sep 7	3:51 am	Sep 13	11:39 pm
1222	Oct 6	2:05 pm	Oct 13	6:25 am
1223	Nov 4	11:14 pm	Nov 11	2:45 pm
1224	Dec 4	9:43 am	Dec 11	3:35 am

Therefore, the **very next sunset** that occurs **after** the above date and time begins the **7th New Moon day**, the **Feast of Trumpets**. So, from the chart below, that **very next sunset** occurs on **Wednesday, October 6** at **6:17 pm**, with the **Day** portion of **Feast of Trumpets (HOLYDAY 4)** being on **Thursday, October 7**.

<https://www.timeanddate.com/sun/israel/jerusalem?month=10&year=2021>

2021	Sunrise/Sunset	
Oct	Sunrise	Sunset
5 ▾	6:35 am → (95°)	6:18 pm ← (265°)
6 ▾	6:36 am → (96°)	6:17 pm ← (264°)
7 ▾	6:36 am → (96°)	6:16 pm ← (264°)

8. Then, to find the **Day of Atonement (HOLYDAY 5)**, we count **10 days** from and including October 7 to **Saturday, October 16** (Lev 23:27 "on exactly 10<sup>th</sup> day").

<https://www.timeanddate.com/calendar/?year=2021>

July							August							September						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30		
1:☉ 9:☉ 17:☉ 23:☉ 31:☉	8:☉ 15:☉ 22:☉ 30:☉	6:☉ 13:☉ 20:☉ 28:☉																		

  

October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6				1	2	3	4
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31	
31																				
6:☉ 12:☉ 20:☉ 28:☉	4:☉ 11:☉ 19:☉ 27:☉	4:☉ 10:☉ 18:☉ 26:☉																		

9. To find the **Feast of Tabernacles (HOLYDAY 6)** we count 5 more days to find the 15th day, which is on **Friday, October 21**.

<https://www.timeanddate.com/calendar/?year=2021>

July							August							September						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
				1	2	3	1	2	3	4	5	6	7				1	2	3	4
4	5	6	7	8	9	10	8	9	10	11	12	13	14	5	6	7	8	9	10	11
11	12	13	14	15	16	17	15	16	17	18	19	20	21	12	13	14	15	16	17	18
18	19	20	21	22	23	24	22	23	24	25	26	27	28	19	20	21	22	23	24	25
25	26	27	28	29	30	31	29	30	31					26	27	28	29	30		
1:☉ 9:☉ 17:☉ 23:☉ 31:☉	8:☉ 15:☉ 22:☉ 30:☉	6:☉ 13:☉ 20:☉ 28:☉																		

  

October							November							December						
Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa	Su	Mo	Tu	We	Th	Fr	Sa
					1	2		1	2	3	4	5	6				1	2	3	4
3	4	5	6	7	8	9	7	8	9	10	11	12	13	5	6	7	8	9	10	11
10	11	12	13	14	15	16	14	15	16	17	18	19	20	12	13	14	15	16	17	18
17	18	19	20	21	22	23	21	22	23	24	25	26	27	19	20	21	22	23	24	25
24	25	26	27	28	29	30	28	29	30					26	27	28	29	30	31	
31																				
6:☉ 12:☉ 20:☉ 28:☉	4:☉ 11:☉ 19:☉ 27:☉	4:☉ 10:☉ 18:☉ 26:☉																		



