

Imsak Time Observation-2023

Erzurum-Horasan Hacıahmet Village

Fajr-i Kazib-Zodiac light

Observ.: Rufai ÇINAR
Geophysical engineer

IMSAK TIME WITH VERSES AND HADITHS

It is stated in verse 187 of Surah Al-Baqarah: «... Eat and drink until the white thread of dawn can be distinguished from the black thread, then do not complete the fast until the following night." (Elmalılı Hamdi Yazır) However, our Prophet explained that what was meant by the thread example was night and day. It is narrated from Adiy b. Hatim (d. after 60/680) (r.a.) that he said: "When the verse above was revealed, I took two threads, one black and the other white, and put them under my pillow. I would look at them during sahur and when the dawn was bright enough to distinguish one from the other, I would stop eating and drinking. In the morning,

I went to the Messenger of Allah (pbuh) and informed him of what I had done. He said: "How big your pillow is! What is meant in the verse is the whiteness of the day and the blackness of the night. How can you fit them under one pillow?" (Bukhari, Sawm, 16).

Hadith: Our Prophet said, "Eat and drink, do not let the (false) dawn that shines upwards deceive you (do not prevent you from eating and drinking) Eat and drink until the **REDNESS** (sadiq fajr) rises"¹. After Tirmidhi said that the hadith is 'hasan karib', he stated that the action among the scholars is according to this and that this opinion is the opinion of all the scholars.

The zodiacal light is vertical from the horizon

The Diyanet organization and MVL take this as the beginning of the fast

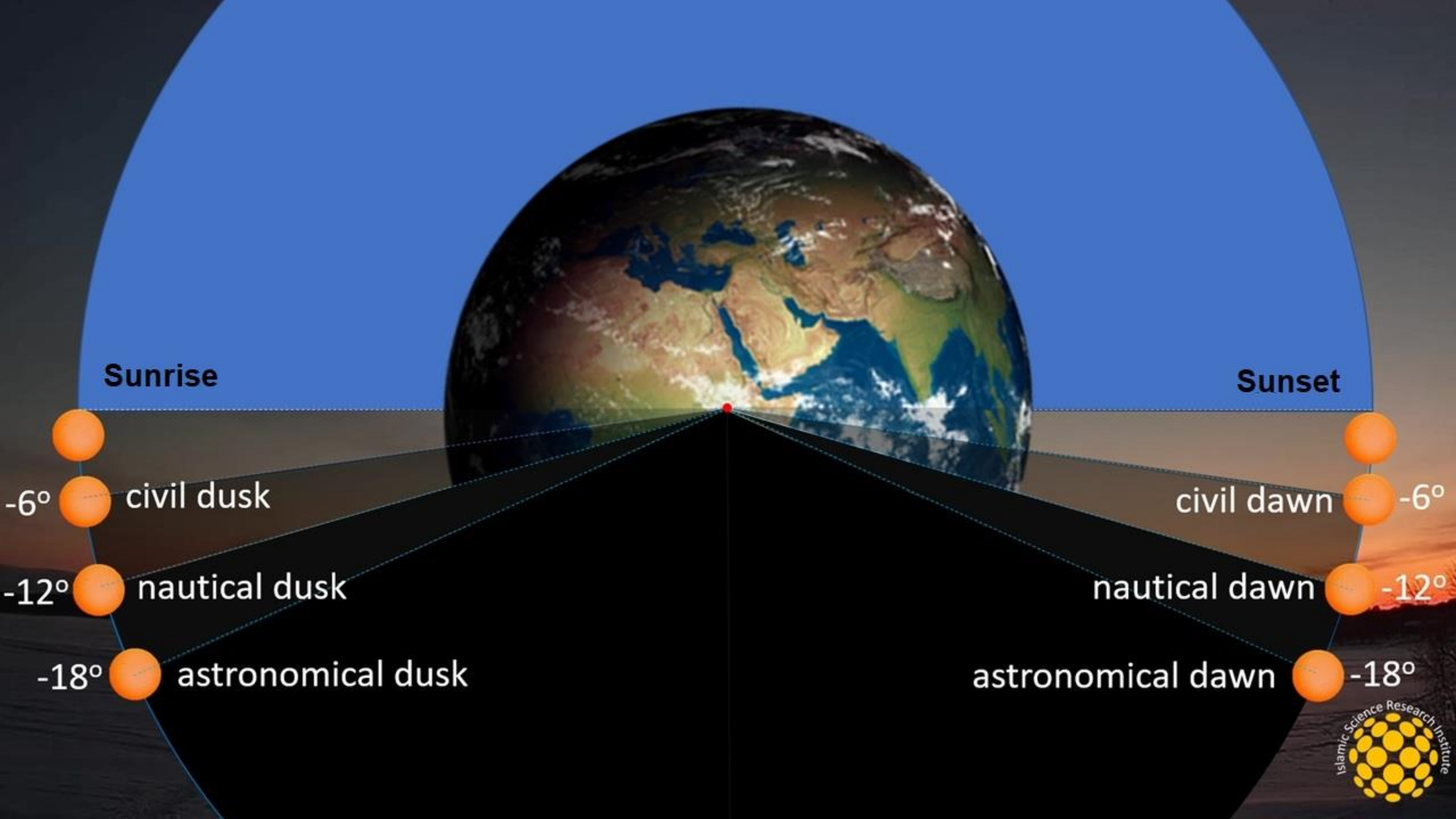
Exposure makes a thin crescent look like a full moon



March 29, 2017 three months start (Sunset first crescent)

29.03.2017 Erzurum/Turkey

Foto:R.CINAR



Sunrise

Sunset

-6° civil dusk

civil dawn -6°

-12° nautical dusk

nautical dawn -12°

-18° astronomical dusk

astronomical dawn -18°



Erzurum-Horasan Hacıahmet Village

Gözlem Yeri

Hacıahmet
Hacıahmet

Date: July 13, 2023

Altitude 1820 m

Image © 2025 Airbus

718 m

Google E

Date: July 13, 2023
Diyabet & Mwl imsak 02:54

North ABD Islamic community Imsak time

25 minutes later the area is pitch dark

Hour : 03:19 Sun: -14,9°



Hour : 03:22 Sun: -14,5°



Hour : 03:24 Sun: -14,3°



Hour : 03:26 Sun: -14,0°



Hour : 03:27 Sun: -13,9°



Hour : 03:29 Sun: -13,6°



Hour : 03:30 Sun: -13,5°



Hour : 03:31 Sun: -13,3°



Hour : 03:32 Sun: -13,2°



Hour : 03:33 Sun: -13,1°



Hour : 03:34 Sun: -12,9°

Imsak time
41 minutes after Diyanet and Mwl

Hour : 03:35 Sun: -12,8°



Hour : 03:36 Sun: -12,7°



Hour : 03:37 Sun: -12,5°



Hour : 03:38 Sun: -12,4°



Hour : 03:39

Sun: -12,2°



Hour : 03:40

Sun: -12,1°

Nautical Twilight



Hour : 03:41 Sun: 12,0°

Erzurum Uzunahmet Fort Imsak Observation-2022

Altitude:2080 Plain altitude 1700-1800



Date: June 7, 2022

Image © 2024 Maxar Technologies
Image © 2024 CNES / Airbus
Image Landsat / Copernicus
Image © 2024 Airbus

Google Earth

Görüntü Tarihi: 8/23/2018 Enlem: 39.942484° Boylam: 41.408623° yükseklik: 2054 m göz hızı: 5.27 km

Diyamet & Mwl imsak 02:44

12 minutes later the area is pitch dark

Hour: 2:56 Sun: -16,8°

Hour: 2:57 Sun: -16,7°

Hour: 2:57 Sun: -16,6°

Hour: 2:58 Sun: -16,5°

Hour: 2:59 Sun: -16,4°

Hour: 3:00 Sun: -16,3°

Hour: 3:01 Sun: -16,2°

Hour: 3:02 Sun:-16,1°

Hour: 3:02:30 Sun:-16,0°

Hour: 3:03 Sun:-15,9°

Hour: 3:04 Sun:-15,8°

Hour: 3:05 Sun: -15,7°

Hour: 3:06 Sun: -15,6°

Hour: 3:06:30 Sun: -15,5°

Hour: 3:07 Sun: -15,4°

Hour: 3:08 Sun: -15,3°

Hour: 3:09 Sun: -15,2°

Hour: 3:10 Sun: -15,1°

North American Islamic Community

Imsak Time

Hour: 3:10:30 Sun: -15,0°

Hour: 3:11 Sun: -14,9°

Hour: 3:12 Sun: -14,8°

Hour: 3:13 Sun: -14,7°

Hour: 3:13:30 Sun: -14,6°

Hour: 3:14 Sun: -14,5°

Hour: 3:15 Sun: -14,4°

Hour: 3:16 Sun: -14,3°

Hour: 3:16:30 Sun: -14,2°


Hour: 3:17 Sun: -14,1°

Hour: 3:18 Sun: -14,0°


Hour: 3:19 Sun: -13,9°

Hour: 3:20 Sun: -13,8°


Hour: 3:20:30 Sun: -13,7°



Hour: 3:21 Sun: -13,6°




Hour: 3:22 Sun: -13,5°




Hour: 3:23 Sun: $-13,4^{\circ}$




Hour: 3:23:30 Sun: $-13,3^{\circ}$

A dark, almost black night landscape. A faint, horizontal line of light stretches across the middle of the frame, suggesting a horizon or a distant city skyline. There are a few small, bright spots of light scattered along this line. The overall scene is very dark and atmospheric.

Hour: 3:24 Sun: -13,2°



Hour: 3:25 Sun: -13,1°

A dark night landscape with a faint horizon line and scattered lights. The scene is mostly black, with a thin, slightly hazy line across the middle. On the right side, there are several small, bright white lights, possibly from buildings or streetlights. The overall atmosphere is very dark and quiet.

Hour: 3:26 Sun: -13,0°



Hour: 3:26:30 Sun: -12,9°



Hour: 3:27 Sun: -12,8°

Hour: 3:28 Sun: -12,7°


Imsak time
44 minutes after Diyanet and Mwl

Hour: 3:28:30 Sun: -12,6°

Hour: 3:29 Sun: -12,5°



Hour: 3:30 Sun: -12,4°

A dark night landscape with a horizon line. The sky is black, and the ground is also dark. There are some faint, blurry lights visible along the horizon, possibly from distant buildings or streetlights. The overall scene is very dark and low-contrast.

Hour: 3:31 Sun: -12,3°

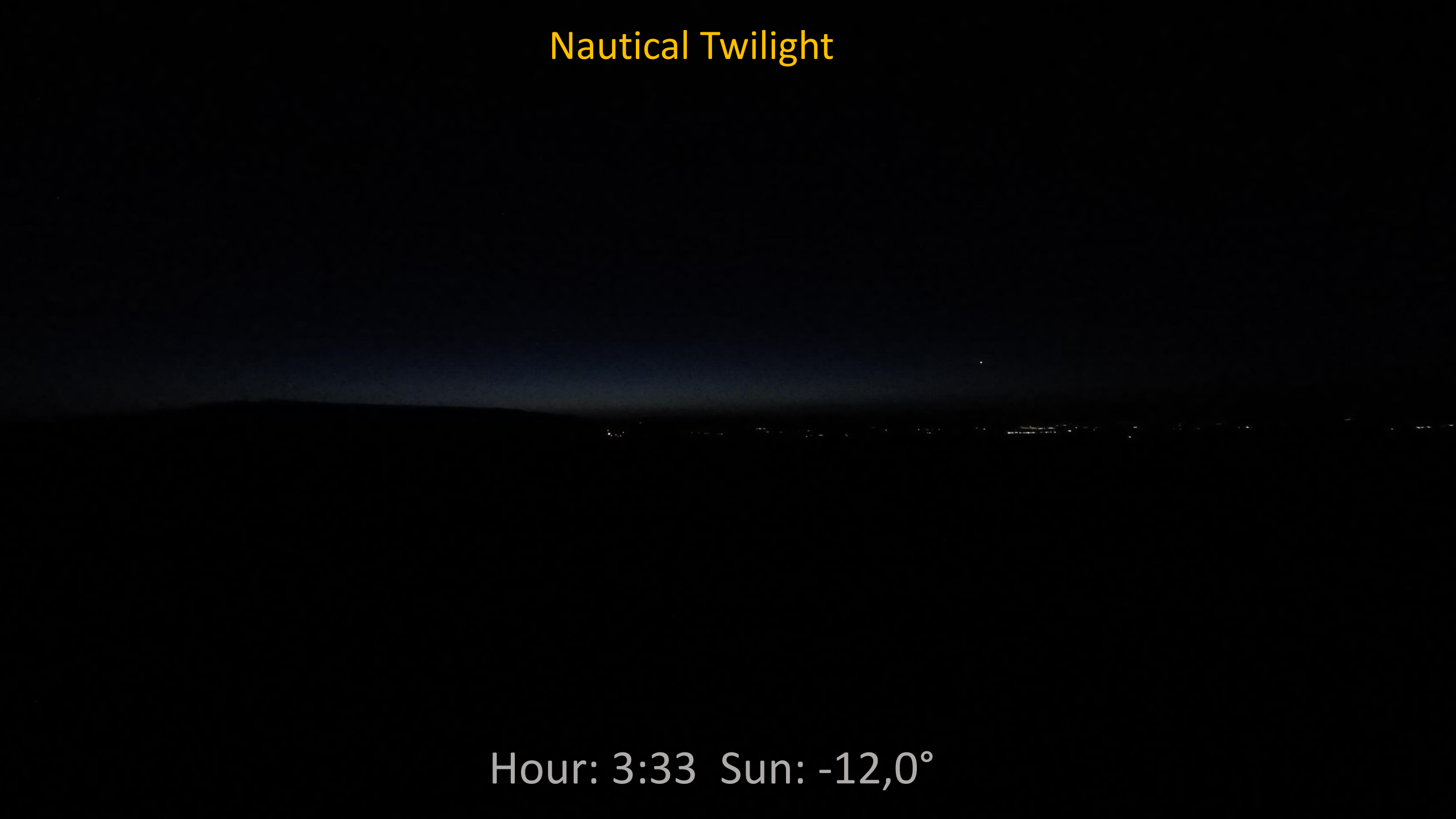


Hour: 3:31:30 Sun: -12,2°



Hour: 3:32 Sun: -12,1°

Nautical Twilight



Hour: 3:33 Sun: $-12,0^{\circ}$



Hour: 3:36 Sun: -11,5°



Hour: 3:40 Sun: -11,0°

Result: The time of Imsak is between -12.5° - -13° below the horizon, depending on your altitude.



This means: Prayers performed immediately after the call to prayer are outside the time Imsak Time (Fecri Sadık): occurs 35 minutes later in winter and 45 minutes later in summer.

Hour: 3:44 Sun: $-10,5^{\circ}$