

## **ABANDONED AIRWAVES**

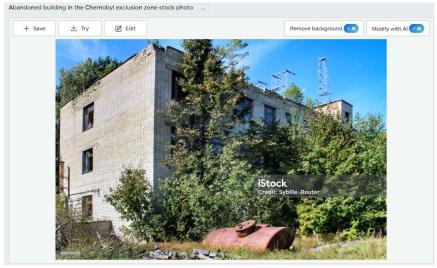
## Description:

You can use the radio signals to do some fascinating things from communication to tracking moving objects and much much more. The structures built to harness these signals for these things are quite incredible and sometimes awe inspiring. They are all over the world too, from cell towers to satellite uplinks. And while some connect to the internet, the basic principles of all of it are completely independent of the internet. Just pure math and physics. Radio communication is quite something isn't it?

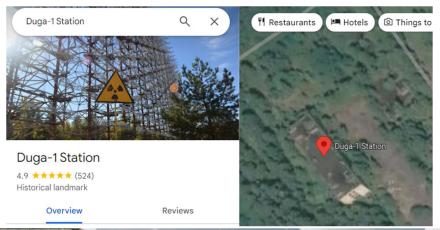
Can you find the name of the station this image was taken at?



Performing a **reverse image search** on Google, I discovered that the image was associated with a stock photo or had been posted by someone else. This led me to identify the location as the **Duga-1 Station**.









**Flag** Duga-1 Station

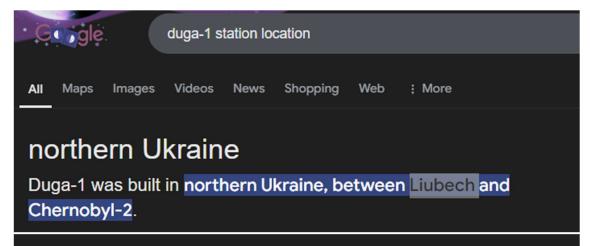


## ABANDONED AIRWAVES PT.2

## Description:

Can you find when sunset will be at the location on the date of December 16th 2024?

Flag format: hour:minute in 24 hour time



December 2024 — Sun in Chernobyl		
2024		Sunrise/Sunset
Dec	Sunrise	Sunset
14	7:56 am ↑	3:51 pm ↑
15	7:57 am ↑	3:51 pm ↑
16	7:58 am ↑	3:51 pm ↑

Check through this site: <u>Sunrise and sunset times in Chernobyl</u>



2024	Sunrise/Sunset		
Dec	Sunrise	Sunset	
1*	07:41 🔪 (125°)	15:54 🖌 (235°)	
2~	07:43 🔪 (126°)	15:53 ∠ (234°)	
3~	07:44 🔪 (126°)	15:53 ∠ (234°)	
4~	07:45 🔪 (126°)	15:52 ✓ (234°)	
5~	07:47 🔪 (126°)	15:52 ✓ (234°)	
6~	07:48 🦎 (127°)	15:52 🗸 (233°)	
7~	07:49 🔪 (127°)	15:51 🗸 (233°)	
8 🕶	07:50 🔪 (127°)	15:51 🖌 (233°)	
9 🗸	07:51 🔪 (127°)	15:51 🖌 (233°)	
10~	07:52 🦎 (127°)	15:51 🖌 (233°)	
11 ~	07:53 🔪 (127°)	15:51 🖌 (233°)	
12~	07:54 🦎 (128°)	15:51 🖌 (232°)	
13 🕶	07:55 🥆 (128°)	15:51 🖌 (232°)	
14~	07:56 🔪 (128°)	15:51 🗸 (232°)	
15~	07:57 🦎 (128°)	15:51 🗸 (232°)	
16~	07:58 🦎 (128°)	15:51 🖌 (232°)	
17~	07:58 🦎 (128°)	15:51 🖌 (232°)	
18 🕶	07:59 🦎 (128°)	15:52 🖌 (232°)	
19~	08:00 🔪 (128°)	15:52 🖌 (232°)	
20~	08:00 🔪 (128°)	15:52 🗸 (232°)	

The sunset time was between 51-54 hence the answer was actually 15:52

**Flag** 15:52