


Date:	21/12/2017   GMT1	
coordinates:	45.738835, 21.2085974	
location:	Strada Ioan Budai Deleanu 7, Timișoara 300425, Romania	
hour	Elevation	Azimuth
08:13:06	-0.833°	123.71°
9:00:00	5.61°	132.33°
10:00:00	12.56°	144.35°
11:00:00	17.65°	157.59°
12:00:00	20.41°	171.85°
13:00:00	20.56°	186.53°
14:00:00	18.08°	200.87°
15:00:00	13.23°	214.24°
16:00:00	6.46°	226.39°
16:53:33	-0.833°	236.29°

sun position	Elevation	Azimuth	latitude	longitude
21/12/2017 12:00   GMT1	20.41°	171.85°	45.738835° N	21.2085974° E
twilight	Sunrise	Sunset	Azimuth Sunrise	Azimuth Sunset
twilight -0.833°	08:13:06	16:53:33	123.71°	236.29°
Civil twilight -6°	07:38:37	17:27:58	117.71°	242.27°
Nautical twilight -12°	07:00:47	18:05:48	111.37°	248.61°
Astronomical twilight -18°	06:24:31	18:42:05	105.41°	254.58°
daylight	hh:mm:ss	diff. dd+1	diff. dd-1	Noon
21/12/2017	08:40:27	00:00:01	00:00:04	12:33:19

Ziua cea mai scurtă din an

Date:	21/06/2018   GMT2	
coordinates:	45.738835, 21.2085974	
location:	Strada Ioan Budai Deleanu 7, Timișoara 300425, Romania	
hour	Elevation	Azimuth
05:45:23	-0.833°	54.2°
6:00:00	1.27°	56.81°
7:00:00	10.5°	67.08°
8:00:00	20.44°	76.95°
9:00:00	30.79°	87.02°
10:00:00	41.23°	98.14°
11:00:00	51.34°	111.73°
12:00:00	60.31°	130.49°
13:00:00	66.48°	158.34°
14:00:00	67.22°	193.75°
15:00:00	62.09°	223.99°
16:00:00	53.57°	244.5°
17:00:00	43.63°	259°
18:00:00	33.22°	270.53°
19:00:00	22.82°	280.75°
20:00:00	12.75°	290.61°
21:00:00	3.33°	300.74°
21:28:33	-0.833°	305.8°

Date:	21/03/2018   GMT1	
coordinates:	45.738835, 21.2085974	
location:	Strada Ioan Budai Deleanu 7, Timișoara 300425, Romania	
hour	Elevation	Azimuth
06:36:49	-0.833°	88.84°
7:00:00	3.21°	92.99°
8:00:00	13.57°	103.99°
9:00:00	23.41°	115.95°
10:00:00	32.22°	129.71°
11:00:00	39.26°	146.07°
12:00:00	43.61°	165.28°
13:00:00	44.41°	186.17°
14:00:00	41.48°	206.33°
15:00:00	35.46°	223.93°
16:00:00	27.3°	238.71°
17:00:00	17.82°	251.34°
18:00:00	7.65°	262.66°
18:48:46	-0.833°	271.44°

	Proiectant General s.c. <b>TERNAR</b> s.r.l. Timisoara, str. Iris, nr. 21A, etaj 2, ap.4, camera 1. tel. 0721 714647, e-mail: ternar@gmail.com C.U.I. 17444601, J35/1161/05.04.2005			beneficiar SOCEANU NICOLAE SOCEANU ELENA	pr. nr. 147/2018
	Specificatie Sef proiect Proiectat Desenat	Nume arh. Gabriel SIMON arh. Gabriel SIMON arh. Gabriel SIMON	Semnatura   	scara  data: ian-2019	titlul proiectului PUZ " Construire imobil de locuinte colective in regim D+P+2E " adresa Timisoara , Str. Budai Deleanu nr.7 C.F. nr. 428272, Nr. CAD 428272 titlul plansei STUDIUL INSORIRE POZITIE SOARE