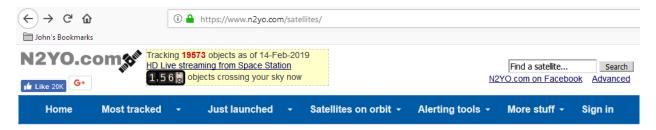
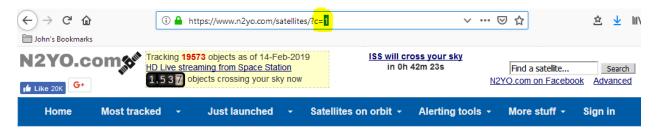
## **Retrieving Satellites by Category**



#### **OBJECTS CURRENTLY IN ORBIT**

Satellite category	Satellites	Debris	Rocket bodies	TOTAL
Amateur radio	374	1	0	375
Beidou Navigation System	45	0	0	45
Brightest	50	1	83	134
Celestis	0	0	2	2
<u>CubeSats</u>	177	0	0	177
<u>Disaster monitoring</u>	28	0	0	28
Earth resources	150	0	0	150
Education	20	0	0	20
Engineering	61	0	0	61
Experimental	161	0	0	161
Flock	196	0	1	197

To iterate through the satellite categories in this table, increment the url query parameter **c** from 1 to 51:



#### **BRIGHTEST SATELLITES**

Satellites are visible when the sky is dark and the satellite is able to reflect sunlight back to the observer. These conditions generally occur up to about 45 minutes before sunrise (before the sky becomes too light) and 45 minutes after sunset. These satellites (or objects) are normally brighter than magnitude 4. If your latitude is close to or below the inclination of a given sat, it will be potentially visible at your location

The table is sortable. Please click on the header for ascending/descending sorting.

<u>Name</u>	NORAD ID	Int'l Code	Launch date	<u>Period</u> [minutes]	<u>Magnitude</u>	Action
SL-4 R/B	42800	2017-037C	June 23, 2017	92.2	0	TRACK IT
<u>USA 276</u>	42689	2017-022A	May 1, 2017	92.5	0	TRACK IT
<u>TK-1</u>	42061	2017-012A	March 2, 2017	92.1	0	TRACK IT

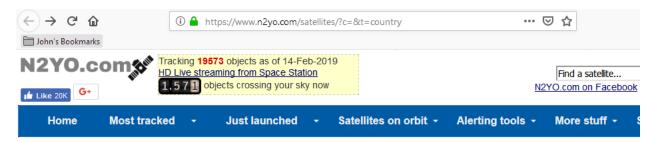
## **Table Format**

For each satellite in a category, retrieve the following parameters:

Name	NORAD ID	Int'l Code	Satellite category*	Launch date	Period	Magnitude
					[minutes]	
SL-4 R/B	42800	2017-037C	Brightest	June 23, 2017	92.2	0

<sup>\*</sup>You will need to get the satellite category string from outside of the table—either from the title of the current page or from the table of categories on the parent page (<a href="https://www.n2yo.com/satellites/">https://www.n2yo.com/satellites/</a>)

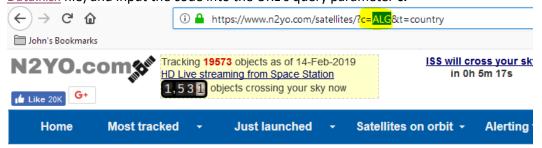
# **Retrieving Satellites by Country/Organization**



### SATELLITES BY COUNTRIES AND ORGANIZATIONS

Country/Organization Name	Logo	Code	Satellites in Orbit
ALGERIA	Œ	ALG	6
ARAB SATELLITE COMMUNICATIONS ORGANIZATION	<u>\$</u>	AB	13
ARGENTINA	•	ARGN	20
ASIA SATELLITE TELECOMMUNICATIONS COMPANY (ASIASAT)	AsiaSat	AC	8

To iterate through the satellites by counties/organizations in this table, iterate through a list of country/organization codes (this list can be derived from our repository's <u>Country\_Organization Satellite</u> <u>Data.xlsx</u> file) and input the code into the URL's query parameter **c**:



## SATELLITES BY COUNTRIES AND ORGANIZATIONS



The table is sortable. Please click on the header for ascending/descending sorting.

<u>Name</u>	NORAD ID	Int'l Code	Launch date	<u>Period</u> [minutes]	Action
ALCOMSAT 1	43039	2017-078A	December 10, 2017	1436.1	TRACK IT
ALSAT 1N	41789	2016-059G	September 26, 2016	98.3	TRACK IT
ALSAT 2B	41786	2016-059D	September 26, 2016	98.2	TRACK IT
ALSAT 1B	41785	2016-059C	September 26, 2016	98.4	TRACK IT
ALSAT 2A	36798	2010-035D	July 12, 2010	98.2	TRACK IT
ALSAT 1	27559	2002-054A	November 28, 2002	97.8	TRACK IT

Name	NORAD ID	Int'l Code	Country/Organization*	Launch date	Period [minutes]	Magnitude
ALCOMSAT	43039	2017-	Algeria	December	1436.1	NULL
1		078A		10, 2017		

<sup>\*</sup>You will need to get the Country/Organization string from outside of the table— either from the title of the current page, from the table of countries/organizations on the parent page (<a href="https://www.n2yo.com/satellites/?c=&t=country">https://www.n2yo.com/satellites/?c=&t=country</a>), or from our repository's <a href="https://www.n2yo.com/satellites/?c=&t=country">Country Organization</a> <a href="https://www.n2yo.com/satellites/?c=&t=country">Satellite Data.xlsx</a> file.