



Downloading ACLED Data Based on Upload Date

ACLED maintains a living dataset. This means that in addition to weekly updates to the data that cover conflict and disorder from the week prior, there may be other additions and substitutions. These can include updates to events already in the dataset -- such as corrected fatality counts as death tolls mount, or the name of a group who claims responsibility for an attack, or a more precise location if new information comes to light. In such cases, the 'Event ID' remains the same, but the relevant aspects of the event coding are updated and 'overwritten'. In addition to these updates, weekly data can occasionally include new supplemental data. These events are from targeted data reviews, the identification of new sources, a new partnership with a local conflict observatory, or the enrichment of previous coverage with information coming in from established partnerships. All may result in the addition of new historical events to the dataset.

Because of these varied additions and updates to weekly data, if a user only downloads events that are from the prior specific week, they will miss these updates and other additions. To avoid that, users may wish to download ACLED data based on the upload date of the data rather than the date of the event itself. The steps to do so are noted below.

To filter data on time of upload, users must filter on the 'timestamp' field. This is a column automatically generated by the API which records each time an event is uploaded to the API. It's format is that of a Unix timestamp, corresponding to the number of seconds passed since January 1, 1970.

Users can use the 'timestamp' field either when pulling data from the API or when filtering data from an Excel download. For both methods, it is necessary to first determine the Unix timestamp corresponding to the "start date" (the earliest upload date the user is interested in). You may choose, for example, to select the day after your last data download; this would ensure that you catch any and all new updates since that time. To determine the Unix timestamp corresponding to the "start date" you are interested in, you can use an [online Unix timestamp converter](#), or can calculate this in Excel by doing the following:

1. In a new Excel sheet, enter the desired "start date" in cell A1.
Example: To filter data uploaded after 17 June 2019, enter "17/06/2019".
2. In cell A2, enter the following formula:
=(A1-DATE(1970,1,1))*86400
3. The resulting number in cell A2 will be the Unix timestamp for 17 June 2019, 12:00:00 AM (UTC). In this example, that equals "1560729600".

Next, use this generated Unix timestamp to filter events that were uploaded after that start date. Again, this can be done using an Excel download of the data or by pulling from the API directly.



If working with a downloaded Excel or CSV file of ACLED data:

The screenshots below show how to search for events uploaded or updated on or after 17 June 2019 at 12:00:00 AM (UTC). As noted above, the start date timestamp associated with this date and time is **1560729600**.

1. Select all (Ctrl+A or Cmd+A), go to the “Data” tab, and select “Sort”. In the dialogue box, choose “Timestamp” from the Column drop-down menu and select “Largest to Smallest” in the Order drop-down menu. By sorting the timestamp column from largest to smallest, the most recent events should be at the top of the column.

ID	EVENT_ID	YEAR	TIME_PRECISION	EVENT_TYPE	SUB_EVENT_TYPE	ACTOR	ASSOC_ACTOR_1	INTENT	ACTION	ASSOC_ACTION_1	INTENT2	INTERACTION	REGION	COUNTRY	ADMIN1	ADMIN2	ADMIN3	LOCATION	
1	804 URK21293	2019	11 June 2019	1	Explosions/Bombings/Shellings/Artillery	Military Forces of Ukraine (DF16)		1	NAM	United Armed Forces of Novorossiya		2	12	Europe	Ukraine	Donetsk	Popovskaya	Kalynivka	
2	804 URK21311	2019	11 June 2019	1	Battles	Armed clash	Military Forces of Ukraine (DF16)		1	NAM	United Armed Forces of Novorossiya		2	12	Europe	Ukraine	Donetsk	Yeghuvuzka	Spartak
3	804 URK21332	2019	11 June 2019	1	Battles	Armed clash	Military Forces of Ukraine (DF16)		1	NAM	United Armed Forces of Novorossiya		2	12	Europe	Ukraine	Donetsk	Yeghuvuzka	Mikrosveta
4	804 URK21336	2019	11 June 2019	1	Explosions/Bombings/Shellings/Artillery	NAM	United Armed Forces of Novorossiya		2				0	20	Europe	Ukraine	Donetsk	Luhansk Municipality	Veselivka
5	804 URK21337	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Zolota
6	804 URK21362	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
7	804 URK21389	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
8	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
9	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
10	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
11	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
12	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
13	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
14	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
15	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
16	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
17	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
18	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
19	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
20	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
21	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
22	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
23	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
24	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
25	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
26	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
27	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
28	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
29	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
30	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
31	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
32	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
33	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
34	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
35	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
36	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
37	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
38	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
39	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
40	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
41	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
42	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
43	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
44	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
45	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
46	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
47	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
48	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
49	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
50	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
51	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka
52	804 URK21390	2019	11 June 2019										0	10	Europe	Ukraine	Donetsk	Popovskaya	Yeghuvuzka

2. Since Unix timestamps represent the date and exact time of upload (down to seconds), it is unlikely that an exact match of the start date will exist in the ‘timestamp’ column (this would assume the last data upload occurred at precisely 12:00:00 AM (UTC) on 17 June 2019). To find all of the events uploaded on or after the specific timestamp of interest (here, for example, on or after 17 June 2019 at 12:00 AM (UTC)), scroll through the ‘timestamp’ column until the numbers become smaller than the start date timestamp (as seen in the screenshot below). **Any events located above that cell have larger timestamp numbers, indicating that they were uploaded after the timestamp of interest;** in other words, these are the new and updated events.



	N	X	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM
991	37.809		2	OSCE SMM-Ukraine Subnational	On 10 June, the OSC		1560879044										
992	37.779		2	OSCE SMM-Ukraine Subnational	On 10 June, the OSC		1560879044										
993	38.249		2	OSCE SMM-Ukraine Subnational	On 10 June, the OSC		1560879044										
994	38.255		2	OSCE SMM-Ukraine Subnational	On 10 June, the OSC		1560879044										
995	37.793		2	OSCE SMM-Ukraine Subnational	On 10 June, the OSC		1560879044										
996	37.786		2	OSCE SMM-Ukraine Subnational	On 10 June, the OSC		1560879044										
997	38.357		2	OSCE SMM-Ukraine Subnational	On 10 June, the OSC		1560879044										
998	38.477		2	OSCE SMM-Ukraine Subnational	On 10 June, the OSC		1560879044										
999	26.634		1	112 Ukrayina; Liveu Other-National	On 11 June, the poli		1560879044										
1000	32.388		1	Ukrayinska Pravda National	On 13 June, a suppo		1560879044										
1001	30.545		1	Demokratychna Sok National	On 15 June, activists		1560879044										
1002	20.802		1	Maifax National	In the week of 9 Jun		1560879044										
1003	30.454		1	Novyny National	On 18 March, a dozi		1560276028										
1004	37.695		2	JFO HQ.press centre Subnational-Nation	On 24 April, the NAF		1560276028										
1005	37.788		2	JFO HQ.press centre Subnational-Nation	On 24 April, the NAF		1560276028										
1006	37.505		2	JFO HQ.press centre Subnational-Nation	On 24 April, the NAF		1560276028										
1007	38.357		2	JFO HQ.press centre Subnational-Nation	On 24 April, the NAF		1560276028										
1008	38.4		2	JFO HQ.press centre Subnational-Nation	On 24 April, the NAF		1560276028										
1009	38.378		2	JFO HQ.press centre Subnational-Nation	On 24 April, the NAF		1560276028										
1010	37.934		2	JFO HQ.press centre Subnational-Nation	On 24 April, the NAF		1560276028										
1011	38.255		2	JFO HQ.press centre Subnational-Nation	On 24 April, the NAF		1560276028										
1012	37.666		2	JFO HQ.press centre Subnational-Nation	On 25 April, the NAF		1560276028										
1013	37.779		2	JFO HQ.press centre Subnational-Nation	On 25 April, the NAF		1560276028										
1014	37.75		2	JFO HQ.press centre Subnational-Nation	On 25 April, the NAF		1560276028										
1015	37.792		2	JFO HQ.press centre Subnational-Nation	On 25 April, the NAF		1560276028										
1016	37.753		2	JFO HQ.press centre Subnational-Nation	On 25 April, the NAF		1560276028										
1017	37.725		2	JFO HQ.press centre Subnational-Nation	On 25 April, the NAF		1560276028										
1018	38.806		2	JFO HQ.press centre Subnational-Nation	On 25 April, the NAF		1560276028										
1019	37.75		2	JFO HQ.press centre Subnational-Nation	On 26 April, the NAF		1560276028										
1020	37.779		2	JFO HQ.press centre Subnational-Nation	On 26 April, the NAF		1560276028										

If pulling directly from the API:

1. Consult the ACLED [API User Guide](#) for how to build an API query.
2. At the end of the query, add the search terms for the **TIMESTAMP** field:

?timestamp={number/yyyy-mm-dd}

*Note: It is **not** necessary to use a ">" sign to search for events with timestamps greater than the start date. The "=" in the query will return timestamps greater than or equal to the timestamp indicated.*

Example query for events uploaded on or after June 17, 2019 at 12:00:00 AM (UTC):

?timestamp=1560729600/2019-06-17