

ALMA Science

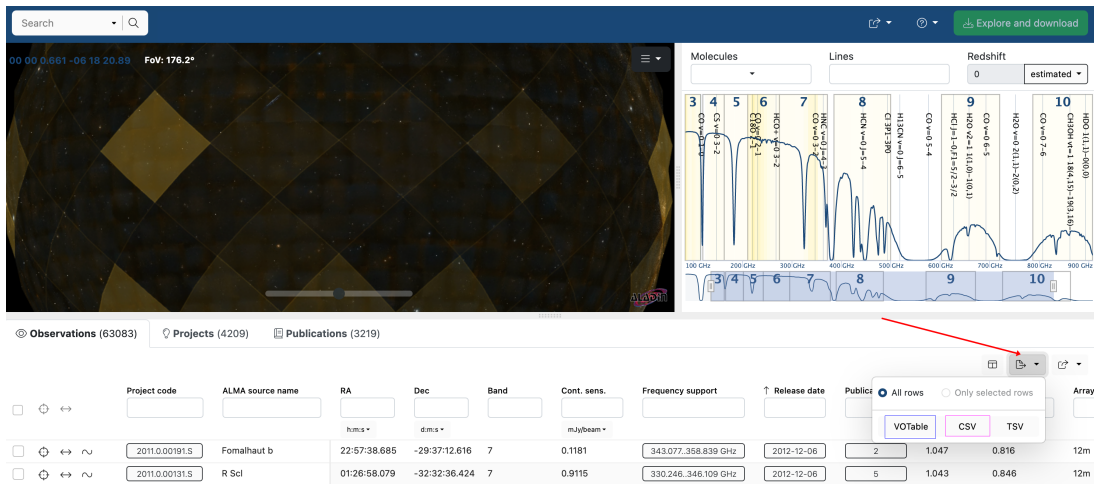
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How can I download the result of a query?

Felix Stoehr - 2023-04-18 - Archive & Data Retrieval

Once you have entered query constraints into the Archive query interface at <http://almascience.org/aq> and hit "Search" you will see the results of your query. In order to download the results table and look at it e.g. in Topcat (<http://www.star.bris.ac.uk/~mbt/topcat/>) or Excel, click with the mouse on "Export Table" and select the appropriate format (e.g. **VOTable** for Topcat and **csv** for Excel).

Such queries can also be launched programmatically by using our VO services. Examples are provided here: <https://almascience.org/alma-data/archive/archive-notebooks>



The screenshot displays the ALMA Science Archive query interface. On the left, there is a spectral plot showing intensity versus frequency (GHz) from 100 to 900 GHz. The plot is divided into 10 channels, with labels for each channel (3-10) and corresponding molecules and lines. A red arrow points from the 'Export Table' button in the top right of the interface to the table below. The table below shows the results of the query, with columns for Project code, ALMA source name, RA, Dec, Band, Cont. sens., Frequency support, Release date, Publicity, and Array. The table contains two rows of data.

Project code	ALMA source name	RA	Dec	Band	Cont. sens.	Frequency support	Release date	Publicity	Array		
2011.0.00191.S	Fomalhaut b	22:57:38.685	-29:37:12.616	7	0.1181	343.077..358.839 GHz	2012-12-08	2	1.047	0.816	12m
2011.0.00131.S	R Scl	01:26:58.079	-32:32:36.424	7	0.9115	330.246..346.109 GHz	2012-12-08	5	1.043	0.846	12m