

Upcoming events for the next 2 days from today; start/end given in timezone EST5EDT.

Night starts/ends at nautical twilight.

Results shown for Conti Observatory, MD latitude = 38.9302452, longitude = -76.4894369.

Colored text indicates a part of the transit that is during daylight, or a transit at elevation less than 30 degrees, or that the Moon is relatively full and close to the target.

Click on column headers to sort the table by that column. Click again to reverse the sorting order. To sub-sort, first click one column (e.g. the left-hand one to sort by night), then *shift-click* another column to sort further within the first category. For example, to sort by priority within a given night (when multiple nights are displayed), first click the "Local evening date" header, then shift-click the "Priority" header. The highlighted column shows the current sorting.

The buttons can be used to toggle the visibility of columns, and the column order can be rearranged by clicking and dragging the column header.

Search:

Choose columns to show/hide

Reset column order

Show all columns

Local evening date	Name	V mag	Start — Mid — End	BJD _{TDB} start-mid-end	Duration	Elev. at start, mid, end	Az. at start, mid, end	RA & Dec (J2000)	Period (days)	Depth (mmag)	Priority	Comments
Wed. 05-23-2018 : Nautical twilight 21:27 - 04:37 (EST5EDT)												
Wed. 05-23-2018 Nautical twilight 21:27 - 04:37 (EST5EDT)	TIC203159942 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.53	21:37—22:51—00:05	8262.568 8262.619 8262.671	2:28	30°, 18°, 08°	302°, 310°, 319°	07:08:14.81 +42:31:25.6	0.93	4.18	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 71% @74°										
Wed. 05-23-2018 Nautical twilight 21:27 - 04:37 (EST5EDT)	TIC318741185 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.74	22:19—00:18—02:17	8262.596 8262.679 8262.762	3:58	07°, 16°, 30°	17°, 32°, 43°	23:19:08.92 +54:02:05.2	1.25	3.8	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 71% @122°										
Wed. 05-23-2018 Nautical twilight 21:27 - 04:37 (EST5EDT)	TIC24322944 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.86	22:20—00:53—03:26	8262.597 8262.704 8262.810	5:06	30°, 58°, 85°	68°, 86°, 172°	18:30:02.28 +34:18:17.9	2.26	8.02	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 72% @94°										
Thu. 05-24-2018 : Nautical twilight 21:28 - 04:36 (EST5EDT)												

Local evening date	Name	V mag	Start — Mid — End	BJD _{TDB} start-mid-end	Duration	Elev. at start, mid, end	Az. at start, mid, end	RA & Dec (J2000)	Period (days)	Depth (mmag)	Priority	Comments
Thu. 05-24-2018 Nautical twilight 21:28 - 04:36 (EST5EDT)	TIC377893107 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.59	21:46—23:55—02:04	8263.574 8263.664 8263.754	4:19	11°, 19°, 32°	12°, 26°, 36°	23:16:01.27 +59:56:37.3	5.75	21.67	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 80% @118°										
Thu. 05-24-2018 Nautical twilight 21:28 - 04:36 (EST5EDT)	KS24C027721 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.71	22:29—23:40—00:51 ± 0:22	8263.604 8263.653 8263.703	2:23	22°, 15°, 05°	204°, 219°, 232°	11:56:47.11 -24:41:01.1	0.96	6.3	6	
		Moon 80% @27°										
Thu. 05-24-2018 Nautical twilight 21:28 - 04:36 (EST5EDT)	TIC163373764 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.81	23:08—01:18—03:28	8263.631 8263.722 8263.812	4:20	10°, 33°, 58°	57°, 74°, 91°	21:05:34.11 +31:49:44.3	1.62	8.61	10	Keplercam 20180520 observation consistent shows flat line, though consistent with being taken in-transit. Ephem updated.
		Moon 81% @119°										
Thu. 05-24-2018 Nautical twilight 21:28 - 04:36 (EST5EDT)	TIC102498584 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.64	23:30—01:13—02:56	8263.646 8263.718 8263.790	3:27	27°, 46°, 66°	67°, 79°, 93°	19:57:51.05 +33:54:43.9	0.73	6.26	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 81% @105°										
Thu. 05-24-2018 Nautical twilight 21:28 - 04:36 (EST5EDT)	TIC87485169 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.68	23:35—00:43—01:51	8263.650 8263.697 8263.744	2:16	14°, 28°, 41°	82°, 93°, 105°	20:12:12.01 +14:44:42.5	4.35	14.18	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 81% @110°										

Local evening date	Name	V mag	Start — Mid — End	BJD _{TDB} start-mid-end	Duration	Elev. at start, mid, end	Az. at start, mid, end	RA & Dec (J2000)	Period (days)	Depth (mmag)	Priority	Comments
Thu. 05-24-2018 Nautical twilight 21:28 - 04:36 (EST5EDT)	KC09C04813 Finding charts: Annotated , SkyMap , Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	10.81	01:00—02:27—03:54	8263.709 8263.769 8263.830	2:54	87°, 76°, 59°	51°, 283°, 287°	16:17:48.29 +40:51:51.3	4.10	4.0	4	Gabriel, 5/6/18 saw no egress in R and nothing on neighbors. Period doubled.
		Moon 81% @63°	± 0:13									

Showing 1 to 9 of 9 entries

KELT North America Followup Planner

Site

Observer

Target

When

Duration

Site

Your Name

K#

Today

Full Transi

Estimate Success

Filter 1

Filter 2

Filter 3

Filter 4

50%

Open

None

None

None

Comment

Update Comment

Remove Entry

Selected Entry

Your Text

Update

Delete

0

New Entry

View Sorted

View Unsorted

Weather

Satellite

Submit

Sort

Unsort

Clouds

East IR

Database as of 2018-05-23 18:57:25

Script took 1 seconds.