

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
Thu. 05-24-2018 : Nautical twilight 21:28 - 04:36 (EST5EDT)												
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°										

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)	TIC102498584 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.64 Moon 81% @105°	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.
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 Moon 81% @110°	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.
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 Moon 81% @63°	01:00—02:27—03:54 ± 0:13	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.
Fri. 05-25-2018 : Nautical twilight 21:29 - 04:35 (EST5EDT)												
Fri. 05-25-2018 Nautical twilight 21:29 - 04:35 (EST5EDT)	KS24C027721 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.71 Moon 88% @31°	21:34—22:45—23:56 ± 0:22	8264.565 8264.615 8264.665	2:23	25°, 21°, 13°	191°, 208°, 223°	11:56:47.11 -24:41:01.1	0.96	6.3	6	
Fri. 05-25-2018 Nautical twilight 21:29 - 04:35 (EST5EDT)	KS26C009527 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	10.54 Moon 88% @31°	22:00—00:09—02:18 ± 0:28	8264.583 8264.673 8264.763	4:19	26°, 36°, 30°	139°, 174°, 211°	15:38:11.32 -15:02:46.4	4.11	4.31	15	Small from this speed, no large RV signal from ANU- priority increased. Need photometric confirmation. Allyson, i, 2018/02/12 observed egress window with large gaps due to weather condition. It is uncertain there is an event. Need confirmation of the event, even if target cannot be resolved from

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Fri. 05-25-2018 Nautical twilight 21:29 - 04:35 (EST5EDT)	TIC14959464 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.36	22:50—00:16—01:42	8264.618 8264.678 8264.738	2:53	17°, 32°, 48°	56°, 66°, 75°	20:25:57.25 +36:42:33.5	1.08	19.94	6	KeplerCam 20180509 covered secondary eclipse. No eclipse seen in target, but star 3.6' away showed a potential secondary. Observe primary to confirm
		Moon 88% @103°										
Fri. 05-25-2018 Nautical twilight 21:29 - 04:35 (EST5EDT)	TIC421930094 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.06	23:03—00:31—01:59	8264.627 8264.689 8264.750	2:56	16°, 26°, 38°	30°, 39°, 44°	22:19:40.25 +55:17:54.9	1.08	13.48	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 88% @117°										
Fri. 05-25-2018 Nautical twilight 21:29 - 04:35 (EST5EDT)	TIC30061793 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.49	23:05—00:27—01:49	8264.629 8264.686 8264.743	2:44	31°, 46°, 62°	70°, 80°, 91°	19:14:42.14 +33:25:02.2	1.19	7.7	6	Observation from Anunaki Observatory 20180512 showed inconclusive results. No NEBs
		Moon 88% @88°										
Fri. 05-25-2018 Nautical twilight 21:29 - 04:35 (EST5EDT)	TIC371480678 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.03	00:04—01:50—03:36	8264.669 8264.743 8264.817	3:32	20°, 33°, 47°	32°, 40°, 44°	22:51:45.99 +57:00:52.4	0.74	16.7	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 88% @119°										
Fri. 05-25-2018 Nautical twilight 21:29 - 04:35 (EST5EDT)	TIC470824703 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.39	01:57—03:15—04:33	8264.748 8264.803 8264.857	2:37	30°, 38°, 46°	28°, 31°, 32°	23:54:11.01 +65:47:01.6	1.30	3.45	6	Hot star planet candidate. Magnitude reported is Gaia G.
		Moon 89% @117°										

Showing 1 to 13 of 13 entries

Site

Site ▾

Observer

Your Name

Target

K#

When

Today ▾

Duration

Full Transi ▾

Estimate Success

50% ▾

Filter 1

Open ▾

Filter 2

None ▾

Filter 3

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Filter 4

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Comment

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Update Comment

Update

Remove Entry

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New Entry

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View Sorted

Sort

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Database as of 2018-05-24 19:42:36

Script took 1 seconds.

http://astro.swarthmore.edu/telescope/kelt/print_eclipses.cgi?observatory_string=38.9302452%3B-76.4894369%3BBEST5EDT%3BConti+Observatory%2C+MD&use_utc=0&observatory_latitude=38.9302452&observatory_longitude=-76.4894369&use_utc=0