

Upcoming events for the next 1 day 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	Duration	BJD _{TDB} start-mid-end	Elev. at start, mid, end	Az. at start, mid, end	RA & Dec (J2000)	Period (days)	Depth (mmag)	Priority	Comments
Mon. 06-04-2018 : Nautical twilight 21:38 - 04:29 (EST5EDT)												
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	KS26C002731 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	9.24	18:01 — 20:04 — 22:07 ± 0:41	4:06	8274.417 8274.503 8274.588	-4°, 18°, 35°	103°, 123°, 152°	15:26:56.20 -11:58:33.3	2.49	2.2	25	with inconclusive results in both cases. The next observation should cover the full event using the highest SNR filter to confirm the
		Moon 67% @92°										
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	TIC365380824 Finding charts: Annotated , SkyMap ; Info: ExoFOP , TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	9.28	15:21 — 20:29 — 01:37	10:16	8274.306 8274.520 8274.735	07°, 08°, 46°	338°, 24°, 51°	21:35:20.06 +52:10:10.4	4.90	16.77	6	vsx matched with an incorrect period within 15'
		Moon 66% @67°										

Local evening date	Name	V mag	Start — Mid — End	Duration	BJD _{TDB} start-mid-end	Elev. at start, mid, end	Az. at start, mid, end	RA & Dec (J2000)	Period (days)	Depth (mmag)	Priority	Comments
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	TIC110981024 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	11.13	18:17—20:44—23:11	4:54	8274.428 8274.531 8274.633	-16°, 06°, 33°	37°, 62°, 82°	19:26:45.94 +25:08:28.3	1.98	10.44	10	KeplerCam I band observation from 2018-05-06 caught a partial egress best-fit planet radius ~> 2 R _p . More observations to confirm depth.
		Moon 66% @54°										
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	TIC365380820 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	11.2	15:51—21:05—02:19	10:28	8274.327 8274.545 8274.764	05°, 11°, 52°	342°, 28°, 52°	21:35:26.49 +52:10:13.0	4.90	25.01	6	vsx matched with an incorrect period within 15'
		Moon 66% @67°										
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	TIC66879292 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	11.32	19:38—21:42—23:46	4:09	8274.484 8274.571 8274.658	02°, 08°, 21°	5°, 23°, 37°	22:49:16.24 +53:08:30.7	3.44	16.06	6	vsx matched with an incorrect period within 15'
		Moon 66% @69°										
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	KS14C031287 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	11.72	19:05—21:53—00:41 ± 0:31	5:36	8274.462 8274.579 8274.696	-26°, 05°, 37°	55°, 84°, 113°	19:39:56.99 +07:24:43.2	8.05	14.1	6	Observed from mid-transit through post egress. Detrended data seems indicating an event while raw data doesn't show event clearly and has
		Moon 66% @40°										

Local evening date	Name	V mag	Start — Mid — End	Duration	BJD _{TDB} start-mid-end	Elev. at start, mid, end	Az. at start, mid, end	RA & Dec (J2000)	Period (days)	Depth (mmag)	Priority	Comments
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	TIC322851155 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	11.09	20:56 — 23:01—01:06	4:11	8274.539 8274.626 8274.713	-4° , 19° , 44°	62°, 81°, 101°	20:08:27.29 +18:40:18.9	3.01	16.52	6	vsx matched with an incorrect period within 15'
		Moon 65% @43°										
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	KS24C009951 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	10.93	21:57— 23:28—00:59 ± 0:23	3:02	8274.581 8274.645 8274.708	17° , 07° , -7°	204°, 222°, 236°	11:55:47.21 -29:54:11.7	2.28	3.32	6	
		Moon 65% @127°										
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	KC09C00028 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	9.94	23:34— 02:05— 04:36 ± 6:17	5:02	8274.649 8274.754 8274.859	80°, 67°, 38°	121°, 265°, 285°	16:02:40.79 +33:25:12.2	14.99	2.7	6	MCMC bimodal in Tc, P. Steven, 3/6/18 saw no egress in i' (2x BLS phase 0).. Check ingress, and then check 2x+0.5 if no ingress is seen.
		Moon 64% @98°										
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	KC09C10489 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	12.12	00:35— 02:55— 05:15 ± 1:36	4:41	8274.691 8274.788 8274.886	80°, 54°, 28°	223°, 271°, 289°	15:51:34.54 +31:26:35.3	1.96	4.4	5	MCMC skewed in Tc, P; bimodal in durations; RR Lyrae, 4.5 mag fainter, is 2' away.
		Moon 64% @100°										

Local evening date	Name	V mag	Start — Mid — End	Duration	BJD _{TDB} start-mid-end	Elev. at start, mid, end	Az. at start, mid, end	RA & Dec (J2000)	Period (days)	Depth (mmag)	Priority	Comments
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	TIC83880538 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	8.66	03:45— 06:01 — 08:17	4:33	8274.823 8274.918 8275.013	85°, 66°, 40°	137°, 270°, 287°	19:51:28.27 +35:01:51.5	0.98	4.42	6	Hot star planet candidate. Magnitude reported is Gaia G.
	Moon 63% @59°											
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	TIC64089622 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	11.12	03:32— 06:18 — 09:04	5:33	8274.814 8274.930 8275.045	65°, 76°, 52°	51°, 332°, 306°	21:25:46.62 +50:57:19.5	1.91	10.66	6	Hot star planet candidate. Magnitude reported is Gaia G.
	Moon 63% @66°											
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	TIC421242459 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	10.92	03:26— 07:00 — 10:34	7:08	8274.810 8274.959 8275.108	61°, 73°, 41°	52°, 322°, 309°	21:43:41.29 +51:05:09.6	4.25	10.11	6	vsx matched with an incorrect period within 15'
	Moon 63% @65°											
Mon. 06-04-2018 Nautical twilight 21:38 - 04:29 (EST5EDT)	KC23C021367 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	8.75	04:21— 09:23 — 14:25 ± 2:08	10:05	8274.848 8275.058 8275.269	65°, 39°, 15°	356°, 326°, 349°	19:55:30.91 +63:47:32.1	9.86	3.7	10	DEMOGRAPH, 5/16/16 caught ingress and saw nothing above 10mmag RMS but had saturation/focusing issues and possible interference from
	Moon 62% @82°											
Tue. 06-05-2018 : Nautical twilight 21:39 - 04:29 (EST5EDT)												

Local evening date	Name	V mag	Start — Mid — End	Duration	BJD _{TDB} start-mid-end	Elev. at start, mid, end	Az. at start, mid, end	RA & Dec (J2000)	Period (days)	Depth (mmag)	Priority	Comments
Tue. 06-05-2018 Nautical twilight 21:39 - 04:29 (EST5EDT)	KS14C000902 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	7.77	12:14—18:06 —23:58 ± 2:31	11:45	8275.176 8275.421 8275.666	-25°, -29°, 35°	307°, 48°, 110°	19:12:44.56 +08:36:37.8	5.96	3.74	100	Observed ingress window while due to large scatter, this is inconclusive (no variation in nearby stars). Caroline, R, 2018/05/24 observed egress
		Moon 59% @54°										
Tue. 06-05-2018 Nautical twilight 21:39 - 04:29 (EST5EDT)	TIC282555160 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , VSX ; Airmass plot , ACP plan	9.09	16:15—19:51 —23:27	7:12	8275.344 8275.494 8275.644	-23°, -12°, 22°	350°, 39°, 72°	20:47:34.45 +27:14:53.2	4.30	5.37	6	vsx matched with an incorrect period within 15'
		Moon 58% @47°										

Showing 1 to 16 of 16 entries

KELT North America Followup Planner

Site

Site ▼

Observer

Your Name

Target

K#

When

Today ▼

Duration

Full Trans ▼

Estimate Success

50% ▼

Filter 1

Open ▼

Filter 2

None ▼

Filter 3

None ▼

Filter 4

None ▼

Comment

Your Text

Update Comment

Update

Remove Entry

Delete

Selected Entry

0

New Entry

Submit

View Sorted

Sort

View Unsorted

Unsort

Weather

Clouds

Satellite

East IR ▼

Database as of 2018-06-05 00:01:33

Entry	Date	Date Obs	Target	Filter 1	Filter 2	Filter 3	Filter 4	Duration	Site	Observer	Proba
☐ 1	2018-06-04 22:00:20	Today	KC13C06794	r	None	None	None	Full	PvdK	AaronHersch	5
☐ 0	2018-06-04 15:01:28	Today	TIC392940435	V	None	None	None	Full	Other	APidgeonBPiotrowski	2

Script took 1 seconds.