

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
Fri. 04-20-2018 : Nautical twilight 20:49 - 05:19 (EST5EDT)												
Fri. 04-20-2018 Nautical twilight 20:49 - 05:19 (EST5EDT)	KS22C062599 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	12.34	21:12—01:06	7:49	8229.550 8229.713 8229.876	27°, -2°, -47°	196°, 243°, 279°	08:58:51.00 -21:55:00.6	5.19	14.6	2	Observed ingress window while saw no event like show. While the scatter is large in both target and neighbor, it is hard to be certain. Priority lowered.
		Moon 30% @55°	± 2:03									
Fri. 04-20-2018 Nautical twilight 20:49 - 05:19 (EST5EDT)	KC18C026546 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	12.03	22:59—02:12	6:26	8229.625 8229.759 8229.893	19°, 06°, 09°	328°, 352°, 18°	04:03:41.87 +56:19:49.4	17.05	48.7	10	Observed in 2007, fainter star to NE; bright star shows event. Joao, 12/5/17 saw 3% incomplete egress in Rc on the bright star, arriving early; Tc shifted 0.01d
		Moon 31% @46°	—05:25 ± 1:13									

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
Fri. 04-20-2018 Nautical twilight 20:49 - 05:19 (EST5EDT)	KS26C012976 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	10.94	00:08—06:38—13:08	13:00	8229.673 8229.943 8230.214	18°, -1°, -73°	152°, 235°, 309°	14:59:04.00 -27:18:24.8	32.98	19	6	egress. I observed an ingress on 3/10/15 and saw no event. Priority lowered.. Parameters adjusted from recent reduction of KS26. Steven, i,
		Moon 34% @127°	± 0:23									
Fri. 04-20-2018 Nautical twilight 20:49 - 05:19 (EST5EDT)	KS24C000794 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	7.96	02:24—04:49—07:14	4:50	8229.767 8229.868 8229.969	17°, -4°, -30°	215°, 241°, 261°	12:45:44.60 -24:58:36.0	4.93	5.19	60	high to tell. Howie, GG, 2017/03/13 saw inconclusive results due to high scatter. Steven, i, 2018/01/26 observed ingress window and saw
		Moon 33% @98°	± 1:01									
Fri. 04-20-2018 Nautical twilight 20:49 - 05:19 (EST5EDT)	KC10C19596 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	10.82	04:13—06:35—08:57	4:44	8229.842 8229.941 8230.040	74°, 79°, 52°	81°, 278°, 288°	18:28:43.50 +39:40:27.1	7.47	4.7	3	Tom, I, 6/18/16 missed egress and had a gap around mid; even so, saw nothing above a few mmag RMS. Howie, 10/23/16 caught ingress and
		Moon 34% @120°	± 1:07									

Showing 1 to 5 of 5 entries

Targets for out-of-transit observations

Note: these may transit, too, so check the transit times above to ensure you are observing out of transit.

Search:

Name	V mag	Peak night-time elevation	Time of peak elevation	RA & Dec (J2000)	Priority	Comments

Name	V mag	Peak night-time elevation	Time of peak elevation	RA & Dec (J2000)	Priority	Comments
K2_BL_EPIC_211524375 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot	17.13	62°	20:49	08:45:47.20 +13:28:58.2	6	A K2 blazar target. Get several observations over 30 minutes or so, in order to determine what precision you can obtain for this target. R-band or r-band is preferred. Observed by Allysoin on 20171228.
K2_BL_EPIC_211852059 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot	17.05	65°	20:49	08:39:30.73 +18:02:47.0	6	A K2 blazar target. Get several observations over 30 minutes or so, in order to determine what precision you can obtain for this target. R-band or r-band is preferred. Observed by Allysoin on 20171228.
K2_BL_EPIC_212035517 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot	15.474	70°	20:49	09:02:26.90 +20:50:46.1	6	A K2 blazar target. Get several observations over 30 minutes or so, in order to determine what precision you can obtain for this target. R-band or r-band is preferred. Observed by Allysoin on 20171228.
K2_CV_EPIC_211417284 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot	14.5	61°	20:49	08:50:36.99 +11:54:04.7	4	A K2 CV target. Get time-series photometry in a blue bandpass. B or g if available, V is acceptable. Aim for highest SNR over several hours. Ideally, use a cadence of 1-2 minutes, so long as you can get precision of 0.02 mag. Observed by Karen on 20171209. Observed by Howie on 20171223. Observed by Howie on 20171227.
K2_CV_EPIC_211906940 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot	13.5	69°	20:49	09:09:50.55 +18:49:47.3	8	A K2 CV target, also known as GY Cnc, an eclipsing CV. Get time-series photometry in a blue bandpass. B or g if available, V is acceptable. Aim for highest SNR over several hours. Ideally, use a cadence of 1-2 minutes, so long as you can get precision of 0.02 mag. Observed by Allyson on 20171228, and again on 20180101.

Showing 1 to 5 of 5 entries

KELT North America Followup Planner

Site Site	Observer Your Name	Target K#	When Today	Duration Full Transi
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 2018-04-20 21:21:27

Script took 1 seconds.