

Upcoming events for the next 5 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:

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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. 05-09-2018 : Nautical twilight 21:11 - 04:52 (EST5EDT)												
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC121014072 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.35 Moon 34% @72°	09:01— 16:23 —23:45	8248.043 8248.350 8248.657	14:44	45°, -10°, 31°	292°, 352°, 61°	19:07:09.42 +40:41:43.2	5.29	7.73	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC207005954 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.48 Moon 33% @117°	13:00— 17:18 —21:36	8248.209 8248.388 8248.567	8:36	35°, 58°, 15°	109°, 205°, 269°	06:29:37.24 +08:57:49.6	3.72	21.38	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KS13C000451 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	7.41 Moon 33% @75°	13:57— 18:31 —23:05 ± 0:22	8248.248 8248.438 8248.629	9:08	-47°, -37°, 14°	320°, 58°, 106°	17:45:13.60 -02:45:43.8	7.74	16.4	4	Try for ingress or egress. David, z', 2016/04/19 observed an egress window and saw no event. No period could be found that would put David's observation at baseline while preserving the transit signal seen in KELT. Denise, 2017/05/11 observed an egress window in V+R+I, but did not see a clear sign of egress. Priority lowered, but

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Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KC09C03485 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.65 Moon 33% @103°	14:19—18:20—22:21 ± 1:35	8248.263 8248.431 8248.599	8:03	-27°, -3°, 41°	3°, 55°, 90°	16:09:30.38 +24:31:36.1	1.50	4.7	1	awfully long duty cycle (~22%).
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KS24C023415 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.67 Moon 33% @133°	16:02—18:40—21:18 ± 0:51	8248.334 8248.445 8248.555	5:17	-24°, 03°, 22°	105°, 128°, 159°	12:48:04.20 -26:05:47.8	12.73	12	6	Nearby star to the West. Steven, i', 2017/01/10 observed a short egress window, possibly seeing a hint of an egress, but this is uncertain. Ephemeris slightly adjusted. Chris, V, 2017/03/09 observed the full duration, seeing no variability. Ephemeris changed to 2xBLS, at the phase not covered by Chris's no-show, where there is a hint of an event.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC87682955 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.3 Moon 32% @61°	17:11—20:15—23:19	8248.382 8248.511 8248.639	6:09	-16°, -10°, 15°	351°, 29°, 58°	19:56:32.98 +33:55:23.5	1.67	7.28	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC269090835 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.93 Moon 32% @122°	17:30—19:23—21:16	8248.396 8248.475 8248.553	3:46	47°, 36°, 17°	191°, 227°, 251°	07:03:07.68 -03:09:47.0	2.44	5.57	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC116063559 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.65 Moon 32% @106°	17:32—19:32—21:32	8248.398 8248.481 8248.564	4:00	66°, 42°, 20°	266°, 283°, 297°	05:38:31.82 +33:17:11.4	2.68	10.53	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC120689840 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.32 Moon 32% @73°	17:55— 20:38 —23:21	8248.413 8248.527 8248.641	5:27	-10°, 04°, 28°	11°, 38°, 59°	19:04:11.42 +40:30:40.2	7.40	17.1	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC288746799 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.03 Moon 32% @104°	17:58— 20:31 —23:04	8248.415 8248.522 8248.629	5:07	61°, 33°, 10°	287°, 299°, 316°	05:28:41.51 +41:17:49.9	1.46	15.78	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC2689532 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.61 Moon 32% @102°	18:00— 20:13 —22:26	8248.417 8248.509 8248.602	4:26	57°, 32°, 09°	272°, 289°, 306°	05:21:45.87 +32:56:29.2	3.10	5.42	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC422533898 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.49 Moon 32% @78°	18:09— 20:42 —23:15	8248.423 8248.530 8248.637	5:07	29°, 15°, 10°	327°, 341°, 359°	01:28:28.01 +61:06:04.9	2.26	20.01	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC83880538 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.66 Moon 32% @62°	18:28— 20:44 —23:00	8248.436 8248.531 8248.626	4:33	-15°, -5°, 14°	9°, 35°, 56°	19:51:28.27 +35:01:51.5	0.98	4.42	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC277150500 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.79 Moon 32% @80°	18:29— 20:58 —23:27	8248.436 8248.541 8248.645	4:59	-28°, -2°, 26°	50°, 77°, 101°	17:41:51.11 +08:13:06.5	1.23	14.42	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC395194406 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.29 Moon 31% @66°	18:39— 21:30 —00:21	8248.444 8248.563 8248.682	5:42	-16°, 02°, 30°	17°, 48°, 71°	19:27:11.75 +32:35:59.4	1.32	6.67	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KS23C04818 Finding charts: Annotated , SkyMap ; Info: KELL page , Simbad , 2MASS ; Airmass plot , ACP plan	9.91 Moon 31% @140°	18:45— 21:23 —00:01 ± 0:15	8248.448 8248.558 8248.668	5:17	12°, 22°, 14°	143°, 178°, 213°	11:36:59.10 -28:49:25.3	6.05	43.8	2	Strange Pulsating EB, Any data (in or out of eclipse) is useful.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC138013525 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.73 Moon 32% @59°	18:49— 21:01 —23:13	8248.451 8248.543 8248.635	4:24	-7°, -3°, 09°	356°, 19°, 39°	21:17:13.29 +44:00:35.4	1.55	6.83	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC371480678 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.03 Moon 31% @67°	19:33— 21:19 —23:05	8248.481 8248.555 8248.629	3:32	07°, 06°, 10°	350°, 4°, 18°	22:51:45.99 +57:00:52.4	0.74	16.7	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC392064442 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.59 Moon 31% @127°	19:34— 21:14 —22:54	8248.482 8248.552 8248.622	3:21	61°, 42°, 23°	264°, 279°, 292°	07:22:08.49 +30:50:23.7	1.56	9.7	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC463560243 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.76 Moon 31% @79°	20:19— 22:56 —01:33	8248.513 8248.623 8248.732	5:15	-34°, -10°, 07°	117°, 135°, 160°	17:24:23.14 -40:29:05.0	1.86	19.77	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC83381523 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.39 Moon 31% @113°	20:39— 21:55 —23:11	8248.527 8248.580 8248.633	2:32	33°, 19°, 05°	276°, 287°, 298°	06:18:34.58 +24:28:53.0	2.14	6	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KEBS25C003044 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	9.32 Moon 31% @123°	20:38— 22:44 —00:50 ± 0:25	8248.527 8248.614 8248.702	4:12	09°, 19°, 18°	142°, 168°, 197°	13:41:21.90 -30:54:55.0	15.05	10.8	1	(Being observed for WASP by CORALIE) F+M below the fully convective boundary and on a long period. Chris, 2016/05/02 in V and I sees a ~37 and ~30 mmag event, respectively. Clouds interfered with ingress and egress, and there was a meridian flip during ingress, so we cannot reliably compare depths. ANU RV hints at a low-mass EB,
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC86722357 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.58 Moon 31% @61°	20:41— 22:59 —01:17	8248.529 8248.625 8248.721	4:36	-9°, 11°, 36°	36°, 57°, 75°	19:54:55.60 +32:10:09.9	3.56	9.54	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC167390100 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.14 Moon 31% @112°	20:45— 21:35 —22:25	8248.531 8248.567 8248.602	1:41	23°, 13°, 04°	263°, 271°, 278°	06:20:48.95 +08:53:55.3	0.70	16.43	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC325809225 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.97 Moon 30% @49°	21:04— 23:53 —02:42	8248.545 8248.662 8248.780	5:39	-26°, 05°, 37°	55°, 85°, 114°	19:56:27.80 +07:15:38.1	2.13	6.44	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC28443341 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.32 Moon 30% @74°	21:23— 23:34 —01:45	8248.558 8248.649 8248.740	4:22	12°, 28°, 47°	31°, 44°, 52°	19:53:05.27 +51:58:13.1	2.20	20	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KW20C20793_S-KELT5_S Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	11.60 Moon 30% @49°	21:29— 23:26 —01:23 ± 3:21	8248.562 8248.643 8248.724	3:53	-12°, -7°, 05°	1°, 24°, 43°	23:26:19.14 +38:33:10.7	3.02	6.8	30	Secondary for KELT-5. [Candidate page unavailable] Ephemeris updated per UT2016/01/20 ingress and Rob's new KELT analysis. **Only good quality full event observations with 30+ minutes of pre-event and post-event baseline will be included in the analysis.**
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC250966565 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.53 Moon 30% @77°	21:29— 23:58 —02:27	8248.562 8248.666 8248.769	4:58	10°, 03°, 06°	335°, 356°, 18°	02:29:43.53 +53:28:35.3	1.68	12.64	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC213358747 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.24 Moon 30% @63°	21:36—01:11—04:46	8248.567 8248.716 8248.866	7:11	-2°, 36°, 76°	51°, 81°, 137°	19:35:59.35 +27:58:58.1	3.42	16.69	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC100866580 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.18 Moon 30% @64°	22:05—23:47—01:29	8248.587 8248.658 8248.729	3:24	-3°, 17°, 36°	76°, 92°, 111°	18:54:53.25 +08:32:20.6	1.22	14.46	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC165497225 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.05 Moon 29% @127°	23:20—02:06—04:52	8248.639 8248.755 8248.871	5:33	07°, -9°, -34°	196°, 222°, 241°	12:01:38.22 -41:54:01.0	2.00	20.69	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC265271800 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.31 Moon 29% @70°	23:40—01:54—04:08	8248.653 8248.746 8248.840	4:29	14°, 24°, 40°	18°, 31°, 39°	23:19:45.87 +60:09:21.6	1.29	22.32	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC69453241 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.8 Moon 28% @67°	00:00—05:13—10:26	8248.667 8248.884 8249.102	10:26	25°, 84°, 32°	66°, 143°, 290°	19:37:54.31 +33:38:44.5	4.04	12.73	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC440534877 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10 Moon 29% @108°	00:34—01:36—02:38	8248.691 8248.734 8248.777	2:04	04°, -2°, -7°	324°, 334°, 345°	06:06:55.40 +42:18:43.7	0.76	19.6	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC110981024 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.13 Moon 29% @64°	00:46—03:13—05:40	8248.699 8248.801 8248.904	4:54	32°, 60°, 76°	82°, 108°, 198°	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 Rp. More observations to confirm depth.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KS14C007528 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	9.68 Moon 29% @52°	00:51—03:33—06:15 ± 0:51	8248.702 8248.815 8248.927	5:24	09°, 34°, 41°	110°, 143°, 194°	19:38:59.08 -09:30:01.9	7.62	4.03	4	Howie, ip, 2017/06/24 observed from ingress through mid-event, while due to large scatter and irregular variability in the data, it is inconclusive. TG, Rc, 2017/09/04 observed full event while saw no show. Priority lowered and ephemeris changed to 2xBLS at the other phase. Next observation should try to capture the full event with filter by giving high SNR.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KS25C004760 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	9.84 Moon 28% @126°	00:51—04:31—08:11 ± 2:16	8248.702 8248.855 8249.008	7:20	19°, -7°, -47°	196°, 236°, 265°	13:46:00.40 -30:15:47.0	15.36	7.32	15	Many RV points from ANU show no variation detected. Need photometric confirmation of the event. Chris, B and I, 2017/02/03 observed an egress window, but detecting no variability. Chris, Ic, 2018/01/22 observed partial event and saw 50+ mmag depth dip without bottom, while its nature is not certain since no other sign
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC266676103 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.15 Moon 29% @88°	00:53—03:10—05:27	8248.703 8248.799 8248.895	4:35	03°, 03°, 12°	350°, 10°, 29°	04:06:18.24 +53:05:22.0	5.74	12.47	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC348137633 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.86 Moon 29% @77°	01:05—03:26 —05:47	8248.712 8248.810 8248.909	4:43	07°, 14°, 29°	7°, 25°, 38°	02:17:35.12 +57:05:08.4	1.81	8.04	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC326373080 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.78 Moon 29% @63°	01:14—02:11 —03:08	8248.718 8248.758 8248.798	1:54	24°, 31°, 39°	41°, 46°, 49°	22:07:01.13 +52:14:47.8	0.63	11.1	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC252737456 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.12 Moon 29% @63°	01:18—02:21 —03:24	8248.721 8248.765 8248.809	2:07	17°, 24°, 33°	34°, 40°, 45°	23:11:05.92 +52:58:01.6	0.63	21.93	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC26362421 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.16 Moon 28% @62°	01:41—03:56 —06:11	8248.736 8248.831 8248.925	4:31	16°, 33°, 53°	34°, 47°, 52°	23:36:55.88 +52:17:05.8	2.31	18.45	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC431555426 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.85 Moon 29% @61°	01:44—03:26 —05:08	8248.739 8248.810 8248.881	3:24	14°, 26°, 41°	34°, 45°, 52°	23:50:28.77 +50:40:41.5	1.78	22.21	6	Hot star planet candidate. Magnitude reported is Gaia G.

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. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	Kepler_EB_8572936_s Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	14.9 Moon 27% @71°	01:52— 09:52 —17:52 ± 0:01	8248.745 8249.078 8249.411	16:00	48°, 44°, -6°	63°, 299°, 3°	19:45:44.60 +44:38:29.6	27.80	590.0	25	This is Kepler-34 EB. We want eclipse times. Since the duration is so long, obtaining ingress or egress with at least 30 minutes out of eclipse should be sufficient.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC16946265 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.01 Moon 28% @60°	02:54— 04:21 —05:48	8248.787 8248.848 8248.909	2:55	49°, 66°, 82°	75°, 84°, 99°	20:32:18.28 +37:20:58.5	1.18	18.68	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC318739807 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.64 Moon 28% @63°	03:56— 07:03 —10:10	8248.830 8248.961 8249.091	6:15	37°, 63°, 72°	45°, 44°, 332°	23:18:30.61 +54:20:18.2	2.42	18.66	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	HTR126-010 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	11.90 Moon 27% @72°	04:18— 07:56 —11:34 ± 0:03	8248.846 8248.998 8249.149	7:17	09°, 40°, 76°	34°, 56°, 47°	02:42:41.96 +47:29:18.6	13.43	10.0	2	TYC 3300-92-1. Kim, 2/19/18 saw no egress in g' (2.4hr pre, ~1hr post). Try for ingress; wide observing windows are good if there are no other promising candidates available, since there may be some ephemeris drift (it's old!).
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC331072725 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.86 Moon 28% @65°	04:24— 06:08 —07:52	8248.850 8248.923 8248.996	3:29	49°, 64°, 74°	48°, 42°, 9°	22:17:02.86 +54:49:20.9	8.10	20.2	6	Hot star planet candidate. Magnitude reported is Gaia G.

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. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC68093559 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.32 Moon 28% @71°	04:26— 06:28 —08:30	8248.851 8248.936 8249.021	4:05	03°, 20°, 41°	38°, 54°, 66°	02:57:12.73 +40:31:39.9	2.22	13.34	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	TIC197608995 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.83 Moon 28% @61°	04:33— 07:07 —09:41	8248.856 8248.964 8249.071	5:09	49°, 73°, 71°	54°, 41°, 316°	22:26:55.50 +50:39:54.7	4.19	9.11	6	Hot star planet candidate. Magnitude reported is Gaia G.
Wed. 05-09-2018 Nautical twilight 21:11 - 04:52 (EST5EDT)	KC01C01307 Finding charts: Annotated , SkyMap ; Info: KELL page , Simbad , 2MASS ; Airmass plot , ACP plan	11.13 Moon 27% @50°	04:33— 07:24 —10:15 ± 1:45	8248.856 8248.975 8249.094	5:43	38°, 70°, 77°	64°, 75°, 286°	23:17:04.70 +41:06:29.4	24.09	25.0	2	Try 2x BLS if not this period. 2 TRES observations reveal no significant velocity variations, so the priority has been lowered.
Thu. 05-10-2018 : Nautical twilight 21:13 - 04:51 (EST5EDT)												
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	Kepler_EB_3938073_p Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	12.5 Moon 24% @77°	14:08— 18:01 —21:54 ± 0:00	8249.255 8249.418 8249.580	7:47	-3°, -11°, 14°	328°, 13°, 50°	19:04:37.00 +39:03:56.5	31.02	100	30	Circumbinary planet EB. We want precise eclipse times.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC86722735 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.11 Moon 24% @65°	14:25— 18:41 —22:57	8249.267 8249.445 8249.624	8:33	-5°, -18°, 11°	319°, 12°, 57°	19:55:04.33 +32:12:29.2	2.75	18.82	6	Hot star planet candidate. Magnitude reported is Gaia G.

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. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KC22C09694 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	8.80 Moon 23% @113°	14:49— 20:34 —02:19 ± 0:15	8249.284 8249.524 8249.764	11:30	11°, 44°, 66°	13°, 40°, 337°	15:12:40.60 +60:08:05.0	8.00	10.9	15	Parameters are from BLS. Sent for RV. Steven, 3/15/18 saw no egress in i' but had high scatter during the in-transit portion. Mulligan, or go for an ingress check.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC421242459 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.92 Moon 24% @63°	15:44— 19:18 —22:52	8249.322 8249.471 8249.620	7:08	13°, 00°, 10°	327°, 357°, 29°	21:43:41.29 +51:05:09.6	4.25	10.11	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC143872560 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.57 Moon 23% @91°	16:22— 19:58 —23:34	8249.348 8249.499 8249.649	7:13	77°, 37°, 03°	275°, 294°, 320°	05:24:45.16 +38:53:37.4	2.32	17.46	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	HTR267-014 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	12.71 Moon 24% @122°	16:42— 19:04 —21:26 ± 0:01	8249.362 8249.461 8249.560	4:45	71°, 66°, 39°	139°, 237°, 270°	07:44:00.12 +23:54:46.1	19.05	10.0	1	2MASS J07440701+2354094. Blue straggler. HAT have one ingress (2013) and OBO obs (2014)
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC427147166 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.18 Moon 24% @76°	16:43— 19:07 —21:31	8249.364 8249.464 8249.564	4:48	19°, 14°, 18°	344°, 359°, 14°	21:25:41.63 +65:18:30.0	2.11	4.26	6	Hot star planet candidate. Magnitude reported is Gaia G.

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. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC371163505 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.49 Moon 23% @63°	17:22— 19:24 —21:26	8249.390 8249.476 8249.561	4:05	07°, 02°, 04°	339°, 356°, 15°	21:58:04.08 +52:33:14.7	1.71	8.04	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC240800302 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.69 Moon 23% @59°	17:27— 21:16 —01:05	8249.394 8249.553 8249.712	7:38	23°, 02°, 05°	318°, 347°, 22°	00:49:12.48 +50:36:53.7	2.83	14.1	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC270013433 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.13 Moon 23% @71°	17:34— 19:35 —21:36	8249.399 8249.483 8249.567	4:02	22°, 15°, 13°	337°, 349°, 2°	23:25:36.33 +64:06:46.3	1.97	17.06	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC429944824 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.25 Moon 23% @102°	17:36— 19:33 —21:30	8249.400 8249.482 8249.563	3:54	64°, 43°, 20°	231°, 262°, 281°	06:19:16.59 +20:43:14.4	2.81	12	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC83880538 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.66 Moon 23% @68°	17:56— 20:12 —22:28	8249.414 8249.508 8249.603	4:33	-16°, -8°, 09°	3°, 30°, 52°	19:51:28.27 +35:01:51.5	0.98	4.42	6	Hot star planet candidate. Magnitude reported is Gaia G.

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. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC445550537 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.97 Moon 23% @71°	18:10—21:24—00:38	8249.423 8249.558 8249.693	6:28	31°, 13°, 08°	323°, 341°, 6°	02:01:22.53 +58:57:09.1	1.68	19.59	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KC21C00150 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	6.61 Moon 21% @117°	18:54—23:46—04:38 ± 4:42	8249.454 8249.657 8249.860	9:45	43°, 64°, 40°	33°, 357°, 328°	13:42:06.45 +65:16:23.1	8.73	18.1	1	Used for brightness testing by new follow-up members. MCMC strictly bimodal in most parameters. Tom, 04/20/16 caught mid through post-egress in ratty skies and saw nothing in z'; his T4 shows 11% sinusoidal variation, but it's faint.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC64177813 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.65 Moon 23% @115°	18:59—20:15—21:31	8249.457 8249.511 8249.564	2:33	39°, 29°, 16°	214°, 233°, 248°	07:24:41.94 -05:46:41.0	1.72	21.83	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC260957023 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.05 Moon 23% @87°	19:13—21:19—23:25	8249.468 8249.555 8249.643	4:13	42°, 21°, 04°	296°, 308°, 324°	05:04:18.00 +42:09:04.4	1.90	12.87	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KS24C000794 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	7.96 Moon 22% @145°	19:34—21:59—00:24 ± 1:01	8249.482 8249.583 8249.684	4:50	13°, 25°, 21°	138°, 171°, 206°	12:45:44.60 -24:58:36.0	4.93	5.19	60	Howie, GG, 2017/03/08 saw no obvious event, but with scatter too 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 ingress trend even though the scatter is large. John and Rhodes, g', 2018/04/06 observed from OOT through mid-transit and saw ~10 mmag

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Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC97287901 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.81 Moon 22% @126°	19:42—21:53—00:04	8249.488 8249.579 8249.670	4:22	64°, 40°, 15°	242°, 271°, 290°	08:10:58.35 +24:12:35.4	1.79	10.7	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 : Nautical twilight 21:14 - 04:51 (EST5EDT)												
Fri. 05-11-2018 Nautical twilight 21:14 - 04:51 (EST5EDT)	TIC421930094 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.06 Moon 23% @64°	19:45—21:13—22:41	8249.489 8249.551 8249.612	2:56	04°, 05°, 10°	356°, 9°, 21°	22:19:40.25 +55:17:54.9	1.08	13.48	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 : Nautical twilight 21:13 - 04:51 (EST5EDT)												
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC431006771 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.43 Moon 22% @61°	20:42—22:15—23:48	8249.529 8249.594 8249.659	3:06	01°, 05°, 12°	5°, 19°, 31°	22:17:45.09 +51:35:11.3	1.11	17.91	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KC21C02521 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.10 Moon 21% @120°	20:48—00:39—04:30 ± 2:57	8249.533 8249.694 8249.854	7:42	62°, 54°, 31°	14°, 332°, 332°	11:59:44.80 +65:40:20.6	13.72	5.6	2	Try to resolve blend with V=10.24 star <6" away. MCMC bimodal in ~all observables. Tom, 4/16/16 caught ingress through mid and saw nothing in g'. Priority lowered. Egress check next?
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC121656319 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.91 Moon 22% @77°	21:10—23:19—01:28	8249.548 8249.638 8249.729	4:19	06°, 25°, 48°	44°, 60°, 73°	19:14:17.73 +38:25:44.7	1.32	8.61	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC219110814 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.27 Moon 21% @94°	21:33—01:00—04:27	8249.564 8249.709 8249.853	6:55	33°, 53°, 61°	27°, 26°, 354°	18:06:16.52 +67:19:34.0	3.59	9.02	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC250607875 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.37 Moon 21% @66°	22:27—23:41—00:55	8249.603 8249.654 8249.706	2:28	04°, 02°, 03°	346°, 357°, 8°	02:08:41.23 +53:09:10.7	2.14	8.32	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC389977247 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.67 Moon 21% @69°	22:38—01:36—04:34	8249.610 8249.734 8249.857	5:56	10°, 13°, 27°	354°, 16°, 33°	01:35:08.91 +60:00:33.6	1.65	18.56	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC395025229 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.09 Moon 21% @73°	22:59—01:00—03:01	8249.624 8249.708 8249.793	4:02	16°, 38°, 62°	61°, 76°, 93°	19:27:03.29 +32:27:12.3	2.39	20.17	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KJ06C009789 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	9.87 Moon 21% @114°	23:13—01:18—03:23 ± 0:27	8249.634 8249.721 8249.809	4:11	05°, -18°, -37°	275°, 296°, 324°	07:26:02.30 +07:36:56.8	4.61	6.18	1	KELT-19. Active for TTV monitoring only. Positive Reconnaissance RV. Roberto observed a ingress of this target on 2/10/15 in the V band. Allyson observed this target in the i' band and saw a 10 mmag flat-bottomed eclipse. Tom observed this on 3/6/15 and saw a similar event. Valerio observed a 10 mmag depth ingress in the B band on 3/19/15. Karen

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Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KS25C000253 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , Airmass plot , ACP plan	7.08 Moon 21% @150°	23:48—01:29—03:10 ± 1:45	8249.658 8249.729 8249.799	3:22	31°, 23°, 08°	194°, 219°, 239°	13:05:45.80 -18:15:34.6	7.94	38.3	10	Brightness Test. Did not make new reduction of this field.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC421191260 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	10.01 Moon 21% @145°	23:51—01:37—03:23	8249.660 8249.734 8249.808	3:33	17°, 05°, -12°	205°, 225°, 241°	12:08:41.32 -29:39:47.0	2.68	15.66	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC277150500 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	8.79 Moon 20% @94°	23:59—02:28—04:57	8249.665 8249.770 8249.874	4:59	33°, 56°, 54°	108°, 150°, 217°	17:41:51.11 +08:13:06.5	1.23	14.42	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC106001428 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	10.56 Moon 21% @65°	00:19—01:38—02:57	8249.680 8249.735 8249.790	2:38	23°, 37°, 53°	69°, 79°, 90°	20:04:25.24 +30:05:16.7	1.96	5.41	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC12985543 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	10.7 Moon 20% @72°	00:42—02:00—03:18	8249.696 8249.751 8249.805	2:36	10°, 12°, 17°	4°, 13°, 22°	02:17:55.22 +60:55:41.0	1.97	18.57	6	Hot star planet candidate. Magnitude reported is Gaia G.

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. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC203159942 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.53 Moon 20% @107°	00:58—02:12—03:26	8249.707 8249.759 8249.810	2:28	08°, -0°, -6°	320°, 331°, 343°	07:08:14.81 +42:31:25.6	0.93	4.18	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	HTR134-006 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	11.88 Moon 20% @106°	01:08—03:16—05:24 ± 0:00	8249.714 8249.803 8249.892	4:16	06°, -7°, -10°	321°, 341°, 5°	07:05:49.45 +41:15:34.0	2.87	25.0	1	Go for full transits (eclipses?). TYC 2951-946-1. Karen, 12/30/17 saw 2.5% flat-bottomed in r' arriving and ending late; Tc (old:3769.6935) and duration (old:4.28) updated. Kim, 2/7/18 saw 2.5-4% egress in r', but very gappy. Allyson, 4/24/18 saw >2% egress in i'.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC276042774 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.66 Moon 20% @65°	01:18—03:19—05:20	8249.721 8249.805 8249.890	4:02	32°, 56°, 78°	75°, 91°, 131°	20:12:35.00 +30:37:14.0	1.41	23.93	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	K2WJ_212797028 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	13.1 Moon 20% @150°	01:31—04:31—07:31	8249.730 8249.855 8249.980	6:00	39°, 10°, -25°	216°, 254°, 283°	13:51:16.00 -05:38:04.6	29.98	18.6	2	K2 Warm Jupiter. Looking for event confirmation and refining the ephemeris. Use optimal SNR filter and longest available observing window. Observed by Peter Nelson on 2017-06-15 in R who got a solid detection of a partial transit (starting a little late). Partial transit also observed by Chris Stockdales/Hazelwood Observatory in R on 2017-06-15 at 21:13 UT.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC277117658 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.03 Moon 19% @72°	01:40—06:26—11:12	8249.736 8249.935 8250.134	9:32	41°, 78°, 38°	52°, 353°, 309°	20:26:45.02 +50:58:46.2	5.61	29.58	6	Hot star planet candidate. Magnitude reported is Gaia G.

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. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KS13C028449 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , Airmass plot , ACP plan	11.02 Moon 20% @83°	01:55—04:37 —07:19 ± 0:38	8249.747 8249.859 8249.972	5:24	36°, 47°, 30°	134°, 187°, 235°	18:27:20.32 -04:19:10.1	9.11	11.5	1	Observed by Marcus from Swarthmore on 7/8/15 and saw no event. The observations did not have much baseline. Try to get plenty of baseline on the next observation. Allyson, i, 2017/07/01 observed post ingress duration and saw no event shown. Priority lowered, ephemeris changed to 2xBLS and the next observation should try to confirm the event at
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC247298935 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	9.27 Moon 20% @98°	01:57—03:18 —04:39	8249.748 8249.805 8249.862	2:43	08°, 08°, 04°	171°, 186°, 201°	16:55:06.30 -42:48:21.0	0.77	7.98	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC102498584 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	9.64 Moon 20% @69°	02:08—03:51 —05:34	8249.755 8249.828 8249.900	3:27	46°, 66°, 84°	79°, 93°, 151°	19:57:51.05 +33:54:43.9	0.73	6.26	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KC09C03485 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , Airmass plot , ACP plan	11.65 Moon 19% @118°	02:22—06:23 —10:24 ± 1:35	8249.765 8249.933 8250.101	8:03	75°, 33°, -9°	199°, 276°, 312°	16:09:30.38 +24:31:36.1	1.50	4.7	1	awfully long duty cycle (~22%).
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC395194406 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	12.29 Moon 19% @75°	02:25—05:16 —08:07	8249.767 8249.886 8250.005	5:42	55°, 84°, 55°	87°, 177°, 273°	19:27:11.75 +32:35:59.4	1.32	6.67	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC91352368 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.02 Moon 20% @65°	02:45—04:01 —05:17	8249.781 8249.834 8249.887	2:32	50°, 64°, 78°	87°, 100°, 131°	20:08:56.02 +30:36:07.5	0.85	11.74	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC224498048 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.67 Moon 20% @79°	02:45—04:50 —06:55	8249.782 8249.869 8249.956	4:10	53°, 63°, 50°	129°, 186°, 238°	18:49:28.27 +12:14:25.4	1.94	5.92	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC246801303 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.45 Moon 19% @77°	02:47—06:37 —10:27	8249.783 8249.942 8250.102	7:40	04°, 05°, -22°	158°, 200°, 232°	18:56:17.50 -42:36:22.0	6.27	14.24	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC365380824 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.28 Moon 19% @65°	03:24—08:32 —13:40	8249.809 8250.023 8250.237	10:16	47°, 72°, 28°	51°, 324°, 316°	21:35:20.06 +52:10:10.4	4.90	16.77	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC100866580 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.18 Moon 19% @77°	03:26—05:08 —06:50	8249.810 8249.881 8249.952	3:24	55°, 59°, 49°	145°, 191°, 231°	18:54:53.25 +08:32:20.6	1.22	14.46	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC365380820 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.2 Moon 18% @65°	03:54— 09:08 —14:22	8249.830 8250.048 8250.266	10:28	52°, 68°, 22°	52°, 315°, 320°	21:35:26.49 +52:10:13.0	4.90	25.01	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	KS14C001153 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	8.34 Moon 19% @62°	04:11— 08:12 —12:13 ± 0:54	8249.840 8250.008 8250.176	8:03	51°, 45°, 00°	138°, 235°, 279°	20:00:14.96 +07:21:35.4	6.59	8.2	3	Denise, I,V,R,B, 2016/07/08 observed an ingress window, but systematics make the data unreliable. Denise, I,V,R,B, 2016/07/15 observed an egress window and saw no event. priority lowered. The next observation should try to confirm the event by observing an ingress or egress window with some baseline. Get as much in and out of transit
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC394314602 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.34 Moon 19% @76°	04:32— 07:08 —09:44	8249.855 8249.964 8250.073	5:13	62°, 50°, 22°	166°, 236°, 268°	19:07:26.81 +11:56:10.1	1.85	26.97	6	Hot star planet candidate. Magnitude reported is Gaia G.
Thu. 05-10-2018 Nautical twilight 21:13 - 04:51 (EST5EDT)	TIC139082124 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.64 Moon 18% @62°	04:42— 11:58 —19:14	8249.862 8250.166 8250.469	14:33	62°, 38°, -5°	64°, 302°, 1°	21:23:00.77 +45:46:20.0	9.54	7.52	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 : Nautical twilight 21:14 - 04:49 (EST5EDT)												
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	KS22C062599 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	12.34 Moon 16% @124°	15:11— 19:05 —22:59 ± 2:03	8250.299 8250.462 8250.625	7:49	11°, 29°, 05°	130°, 185°, 236°	08:58:51.00 -21:55:00.6	5.19	14.6	2	Nearby neighbor to west. Chris, V, 2017/02/22 observed from mid-transit to baseline, and did not see an obvious egress in the target or the nearby neighbor. This is somewhat ambiguous though. Chris, Rc, 2017/10/26 observed ingress window while saw no event like show. While the scatter is large in both target and neighbor, it is hard to

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Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	KC16C015701 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , Airmass plot , ACP plan	9.74 Moon 16% @66°	16:39— 19:07— 21:35 ± 0:29	8250.360 8250.463 8250.566	4:56	30°, 18°, 13°	330°, 342°, 358°	00:05:23.94 +63:47:20.8	6.79	4.3	1	V=9.2 neighbor 2' away. If not this target, then check KC16C010443. Denise, 11/14/15 saw a ~1.5% drop in B and R, with R possibly being deeper: ingress came ~5.5hr after egress! Added 0.24d to Tc to compensate. Tc changed to Rob's from 12/4/15 email (old tc: 2457323.964 ; old P: 3.392347). DEMONEXT, 6/7/16 caught
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC83880538 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	8.66 Moon 15% @74°	17:23— 19:39— 21:55	8250.391 8250.486 8250.581	4:33	-16°, -11°, 05°	357°, 25°, 48°	19:51:28.27 +35:01:51.5	0.98	4.42	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC66879292 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	11.32 Moon 15% @59°	17:51— 19:55— 21:59	8250.410 8250.497 8250.583	4:09	09°, 03°, 04°	336°, 354°, 12°	22:49:16.24 +53:08:30.7	3.44	16.06	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC380507517 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	11.83 Moon 15% @69°	18:15— 20:24— 22:33	8250.427 8250.517 8250.607	4:19	-20°, -13°, 04°	3°, 31°, 53°	20:13:48.55 +30:34:47.3	3.16	29.38	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC102498584 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	9.64 Moon 15% @73°	19:41— 21:24— 23:07	8250.486 8250.559 8250.631	3:27	-12°, -1°, 14°	24°, 43°, 58°	19:57:51.05 +33:54:43.9	0.73	6.26	6	Hot star planet candidate. Magnitude reported is Gaia G.


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Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC136368536 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.22 Moon 14% @66°	19:41—23:16—02:51	8250.487 8250.637 8250.787	7:11	-4°, 13°, 46°	8°, 40°, 59°	21:09:44.75 +46:42:07.6	2.77	28.45	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC119126312 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.23 Moon 15% @83°	19:53—20:51—21:49	8250.495 8250.535 8250.576	1:57	34°, 22°, 11°	269°, 278°, 286°	05:56:21.55 +19:45:50.7	1.03	14.66	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC468682727 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.25 Moon 15% @58°	19:55—21:23—22:51	8250.497 8250.558 8250.620	2:56	-5°, -2°, 04°	1°, 16°, 29°	22:04:42.62 +46:28:30.8	1.45	21.25	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC73296637 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.73 Moon 15% @113°	20:17—21:24—22:31	8250.512 8250.558 8250.605	2:14	36°, 25°, 13°	227°, 242°, 254°	08:04:04.21 -03:22:49.0	1.84	19.18	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC431555426 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.85 Moon 14% @53°	20:25—22:07—23:49	8250.518 8250.588 8250.659	3:24	01°, -0°, 04°	349°, 5°, 20°	23:50:28.77 +50:40:41.5	1.78	22.21	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC348137633 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.86 Moon 14% @62°	20:30—22:51—01:12	8250.520 8250.619 8250.717	4:43	16°, 07°, 07°	333°, 350°, 9°	02:17:35.12 +57:05:08.4	1.81	8.04	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC396787785 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.51 Moon 14% @68°	20:36—23:39—02:42	8250.525 8250.652 8250.780	6:07	-20°, 09°, 44°	38°, 70°, 97°	20:15:18.19 +21:13:38.7	2.90	10.43	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC302907601 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.65 Moon 14% @100°	21:07—22:56—00:45	8250.546 8250.622 8250.699	3:39	43°, 23°, 05°	283°, 296°, 311°	07:21:21.86 +34:01:35.9	1.70	7.57	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC317433790 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.9 Moon 14% @101°	21:16—23:37—01:58	8250.553 8250.651 8250.749	4:42	25°, -3°, -28°	256°, 279°, 304°	07:19:10.52 +05:09:53.3	1.80	16.74	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC57139368 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.46 Moon 14% @144°	21:36—22:40—23:44	8250.567 8250.612 8250.656	2:09	21°, 18°, 12°	186°, 201°, 214°	11:20:54.70 -30:00:13.0	1.31	26.6	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC421930094 Finding charts: Annotated, SkyMap; Info: ExoFOP TESS page, Simbad, 2MASS; Airmass plot, ACP plan	12.06 Moon 14% @63°	21:42— 23:10 —00:38	8250.571 8250.632 8250.693	2:56	06°, 12°, 21°	13°, 25°, 34°	22:19:40.25 +55:17:54.9	1.08	13.48	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	KC09C14689 Finding charts: Annotated, SkyMap; Info: KELT page, Simbad, 2MASS; Airmass plot, ACP plan	10.76 Moon 14% @135°	21:41— 23:16 —00:51 ± 0:26	8250.571 8250.637 8250.703	3:10	58°, 76°, 84°	82°, 96°, 244°	14:38:55.44 +36:18:40.8	8.42	4.7	2	Steven, 6/4/17 can't rule out event (few mmag RMS). Allyson, 6/5/17 saw nothing. Period doubled.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC367448381 Finding charts: Annotated, SkyMap; Info: ExoFOP TESS page, Simbad, 2MASS; Airmass plot, ACP plan	8.3 Moon 13% @74°	22:03— 00:11 —02:19	8250.586 8250.675 8250.764	4:17	11°, -6°, -15°	307°, 327°, 351°	05:13:35.59 +35:42:03.0	0.93	15.38	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC172215525 Finding charts: Annotated, SkyMap; Info: ExoFOP TESS page, Simbad, 2MASS; Airmass plot, ACP plan	11.53 Moon 13% @88°	22:04— 02:35 —07:06	8250.586 8250.775 8250.963	9:03	22°, -16°, -10°	293°, 337°, 35°	06:32:15.80 +31:12:11.2	4.40	11.14	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC87485169 Finding charts: Annotated, SkyMap; Info: ExoFOP TESS page, Simbad, 2MASS; Airmass plot, ACP plan	8.68 Moon 14% @67°	22:26— 23:34 —00:42	8250.602 8250.649 8250.696	2:16	-8°, 05°, 18°	64°, 75°, 85°	20:12:12.01 +14:44:42.5	4.35	14.18	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC252737456 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.12 Moon 14% @57°	22:35—23:38—00:41	8250.608 8250.652 8250.696	2:07	04°, 08°, 14°	14°, 23°, 31°	23:11:05.92 +52:58:01.6	0.63	21.93	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC352318199 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.7 Moon 13% @38°	22:47—01:01—03:15	8250.616 8250.710 8250.803	4:29	-14°, -8°, 08°	360°, 27°, 48°	01:00:25.54 +36:32:05.2	2.16	29.52	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC326373080 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.78 Moon 14% @62°	22:53—23:50—00:47	8250.621 8250.660 8250.700	1:54	09°, 15°, 21°	26°, 33°, 39°	22:07:01.13 +52:14:47.8	0.63	11.1	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC91352368 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.02 Moon 13% @71°	23:02—00:18—01:34	8250.627 8250.679 8250.732	2:32	09°, 23°, 37°	58°, 68°, 78°	20:08:56.02 +30:36:07.5	0.85	11.74	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC431006771 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.43 Moon 13% @61°	23:14—00:47—02:20	8250.635 8250.700 8250.765	3:06	10°, 19°, 32°	28°, 38°, 47°	22:17:45.09 +51:35:11.3	1.11	17.91	6	Hot star planet candidate. Magnitude reported is Gaia G.

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
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC203159942 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.53 Moon 13% @96°	23:17—00:31—01:45	8250.637 8250.689 8250.740	2:28	22°, 11°, 02°	308°, 317°, 327°	07:08:14.81 +42:31:25.6	0.93	4.18	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC165497225 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.05 Moon 13% @136°	23:22—02:08—04:54	8250.640 8250.756 8250.871	5:33	06°, -10°, -36°	197°, 223°, 241°	12:01:38.22 -41:54:01.0	2.00	20.69	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC170360278 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.33 Moon 13% @77°	23:36—02:01—04:26	8250.651 8250.751 8250.852	4:50	22°, 48°, 76°	58°, 73°, 88°	19:52:44.88 +37:57:01.6	2.67	8.16	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC325809225 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.97 Moon 12% @73°	00:11—03:00—05:49	8250.674 8250.792 8250.910	5:39	10°, 42°, 58°	89°, 120°, 183°	19:56:27.80 +07:15:38.1	2.13	6.44	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC110981024 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.13 Moon 13% @81°	00:16—02:43—05:10	8250.678 8250.780 8250.883	4:54	27°, 56°, 76°	79°, 102°, 178°	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 Rp. More observations to confirm depth.

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
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC422533898 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.49 Moon 13% @62°	00:17—02:50 —05:23	8250.678 8250.785 8250.892	5:07	11°, 19°, 34°	7°, 24°, 36°	01:28:28.01 +61:06:04.9	2.26	20.01	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC333836103 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.48 Moon 12% @125°	00:30—05:11 —09:52	8250.688 8250.883 8251.079	9:22	03°, -15°, -58°	177°, 220°, 240°	14:58:14.57 -47:40:34.0	3.68	14.36	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC371480678 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.03 Moon 13% @62°	00:32—02:18 —04:04	8250.689 8250.763 8250.836	3:32	18°, 29°, 43°	29°, 38°, 44°	22:51:45.99 +57:00:52.4	0.74	16.7	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	KS25C013712 Finding charts: Annotated , SkyMap ; Info: KELL page , Simbad , 2MASS ; Airmass plot , ACP plan	10.8 Moon 13% @141°	00:34—02:43 —04:52 ± 0:42	8250.690 8250.780 8250.870	4:19	20°, 11°, -6°	186°, 213°, 234°	14:20:29.50 -31:12:07.4	4.51	9.57	10	LCOGT and TG observed a 12 mmag flat-bottomed eclipse in the i' and Rc band on 4/28/14 and 5/2/14. Priority significantly increased. Chris caught a partial ingress on 4/19/15 and 4/28/15 in the V band which is consistent with previous observations. TG observed a 12 mmag full transit in the V band on 5/7/15. Ivan and Chris observed this on 5/15/15. 
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC362013620 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.13 Moon 11% @63°	01:45—10:10 —18:35	8250.739 8251.090 8251.442	16:51	27°, 65°, 09°	36°, 327°, 345°	22:44:36.97 +57:32:26.7	2.91	10.75	6	Hot star planet candidate. Magnitude reported is Gaia G.

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
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC28443341 Finding charts: Annotated, SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.32 Moon 12% @81°	02:13— 04:24 —06:35	8250.759 8250.850 8250.942	4:22	52°, 72°, 74°	52°, 39°, 328°	19:53:05.27 +51:58:13.1	2.20	20	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	K2WJ_250088244 Finding charts: Annotated, SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	10.68 Moon 12% @137°	03:17— 05:10 —07:03	8250.803 8250.882 8250.961	3:47	30°, 14°, -6°	213°, 237°, 256°	15:34:05.79 -14:25:47.5	22.66	24.7	2	K2 Warm Jupiter. Looking for event confirmation and refining the ephemeris. Use optimal SNR filter and longest available observing window. The contact for this project is Knicole (knicole.colon@nasa.gov).
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC202879408 Finding charts: Annotated, SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.05 Moon 11% @73°	03:56— 06:37 —09:18	8250.831 8250.943 8251.055	5:22	64°, 82°, 51°	90°, 240°, 279°	20:17:53.58 +34:31:03.5	1.55	21.02	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC278947060 Finding charts: Annotated, SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.87 Moon 11% @63°	04:11— 06:37 —09:03	8250.841 8250.943 8251.045	4:53	49°, 70°, 72°	50°, 38°, 327°	22:12:07.56 +53:02:04.4	1.70	14.36	6	Hot star planet candidate. Magnitude reported is Gaia G.
Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	KEBC16C028611 Finding charts: Annotated, SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	11.06 Moon 11% @55°	04:20— 10:22 —16:24 ± 0:23	8250.847 8251.099 8251.350	12:04	44°, 68°, 13°	56°, 305°, 323°	22:47:35.94 +48:13:37.3	16.67	37.0	1	High priority! Long duration and long period make this a well-characterizable, high-scientific value K/M dwarf. HTR160-015; not selected as planet candidate. 16 RVs phase to a ~0.4M _{sun} companion. Joao, 7/23/17 had some hiccups but caught <4hr of egress in Rc, which detrends to flat. Aylin, 7/7/17 saw no egress in i'. Ephemeris reverted to HAT value.

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Fri. 05-11-2018 Nautical twilight 21:14 - 04:49 (EST5EDT)	TIC121656319 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.91 Moon 11% @86°	04:44— 06:53 —09:02	8250.863 8250.954 8251.044	4:19	87°, 68°, 44°	97°, 278°, 290°	19:14:17.73 +38:25:44.7	1.32	8.61	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 : Nautical twilight 21:15 - 04:48 (EST5EDT)												
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC234708389 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.63 Moon 9% @79°	14:01— 17:49 —21:37	8251.251 8251.409 8251.568	7:36	44°, 49°, 09°	131°, 218°, 268°	06:27:58.01 +03:53:11.7	7.22	27.97	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	KC09C03485 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.65 Moon 9% @129°	14:25— 18:26 —22:27 ± 1:35	8251.267 8251.435 8251.603	8:03	-26°, -0°, 45°	8°, 58°, 93°	16:09:30.38 +24:31:36.1	1.50	4.7	1	awfully long duty cycle (~22%).
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC288746799 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.03 Moon 9% @69°	16:12— 18:45 —21:18	8251.341 8251.448 8251.555	5:07	79°, 50°, 24°	287°, 291°, 305°	05:28:41.51 +41:17:49.9	1.46	15.78	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC354686669 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.82 Moon 9% @53°	16:13— 18:58 —21:43	8251.342 8251.457 8251.572	5:31	30°, 12°, 03°	317°, 334°, 356°	00:23:58.53 +53:59:14.9	2.06	14.91	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC45986949 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.73 Moon 9% @75°	17:45— 19:39 —21:33	8251.406 8251.486 8251.566	3:49	62°, 41°, 19°	243°, 268°, 285°	06:13:32.29 +22:49:14.5	1.58	6.74	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	KC19C001910 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.21 Moon 8% @88°	18:05— 20:50 —23:35 ± 1:46	8251.420 8251.535 8251.649	5:30	69°, 50°, 29°	338°, 317°, 323°	07:22:04.92 +57:44:41.8	14.26	9.5	5	Steven, 3/24/17 saw a 1.5% ingress in i' arriving 0.36hr early; duration widened by 0.72hr. Allyson, 10/25/17 saw >1% egress in i' ending early; duration reverted and Tc shifted 0.36hr early (old:7823.646). Steven, 2/1/18 saw no egress in i'. David B., 3/31/18 saw 1-1.5% ingress in V starting 0.01d late; Tc shifted. Check egress with a wide
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC316119373 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.19 Moon 8% @72°	18:07— 20:43 —23:19	8251.422 8251.530 8251.639	5:13	08°, 09°, 20°	352°, 12°, 30°	21:25:32.57 +58:17:19.0	7.91	20.87	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC371480678 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.03 Moon 8% @62°	18:11— 19:57 —21:43	8251.424 8251.498 8251.572	3:32	11°, 06°, 07°	341°, 355°, 9°	22:51:45.99 +57:00:52.4	0.74	16.7	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC262025805 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.85 Moon 8% @87°	18:18— 20:09 —22:00	8251.429 8251.506 8251.584	3:42	56°, 37°, 16°	221°, 251°, 271°	07:05:29.63 +10:40:55.0	1.36	18.74	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC111569964 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.64 Moon 8% @88°	18:19— 22:54 —03:29	8251.430 8251.621 8251.812	9:10	-23°, 13°, 65°	16°, 67°, 114°	19:28:29.94 +25:56:26.0	4.42	9.75	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC91618959 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.24 Moon 8% @86°	18:32— 20:07 —21:42	8251.439 8251.505 8251.571	3:11	66°, 48°, 29°	252°, 271°, 284°	07:02:22.30 +28:24:32.6	1.56	18.82	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	KS25C021469 Finding charts: Annotated , SkyMap ; Info: KELL page , Simbad , 2MASS ; Airmass plot , ACP plan	11.61 Moon 8% @152°	18:57— 22:02 —01:07 ± 2:29	8251.456 8251.585 8251.714	6:11	-7°, 18°, 21°	121°, 154°, 197°	14:13:20.20 -28:05:24.1	8.86	8.5	10	Chris, Rc, 2018/04/07 observed short ingress of the target with its close neighbor in the same annulu, and saw some non-transit variations which makes the conclusion uncertain. Need one more observation by using filters giving high SNR. It's best to resolve the target from its neighbor.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC427147166 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.18 Moon 8% @75°	19:26— 21:50 —00:14	8251.477 8251.577 8251.677	4:48	14°, 19°, 30°	2°, 17°, 28°	21:25:41.63 +65:18:30.0	2.11	4.26	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC30061793 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.49 Moon 8% @89°	19:45— 21:07 —22:29	8251.490 8251.547 8251.604	2:44	-8°, 03°, 15°	34°, 48°, 59°	19:14:42.14 +33:25:02.2	1.19	7.7	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	KS25C043102 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , Airmass plot , ACP plan	12.08 Moon 8% @143°	19:47— 21:50 —23:53 ± 0:42	8251.491 8251.577 8251.663	4:07	-5°, 08°, 13°	136°, 156°, 180°	14:08:48.20 -37:50:02.6	9.09	28.9	5	TG observed this on 5/8/15 and saw no event. Ephemeris updated to the 2nd BLS peak.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC64727218 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	11.4 Moon 8% @92°	20:03— 21:01 —21:59	8251.502 8251.543 8251.583	1:56	31°, 21°, 11°	232°, 244°, 255°	07:27:58.99 -04:51:03.0	0.56	8.98	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC428767557 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	8.58 Moon 8% @56°	20:12— 21:45 —23:18	8251.508 8251.573 8251.639	3:07	23°, 11°, 03°	315°, 326°, 339°	03:48:41.33 +48:48:24.3	2.53	6.67	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	HTR197-001 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS , Airmass plot , ACP plan	11.51 Moon 7% @100°	20:16— 23:13 —02:10 ± 0:04	8251.512 8251.635 8251.758	5:54	05°, 34°, 67°	44°, 66°, 83°	18:26:26.39 +37:49:54.8	8.22	11.0	1	HTR197-001/KEBC10C23268; voted as PP but not on K-list. 2008 SWASP candidate.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC119126312 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	11.23 Moon 8% @69°	20:37— 21:35 —22:33	8251.526 8251.566 8251.607	1:57	24°, 13°, 02°	276°, 285°, 294°	05:56:21.55 +19:45:50.7	1.03	14.66	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC138013525 Finding charts: Annotated, SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.73 Moon 7% @68°	21:09— 23:21 —01:33	8251.548 8251.640 8251.732	4:24	-2°, 12°, 31°	23°, 42°, 56°	21:17:13.29 +44:00:35.4	1.55	6.83	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC203159942 Finding charts: Annotated, SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.53 Moon 8% @85°	21:36— 22:50 —00:04	8251.567 8251.619 8251.670	2:28	38°, 25°, 14°	298°, 305°, 314°	07:08:14.81 +42:31:25.6	0.93	4.18	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC440260433 Finding charts: Annotated, SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.23 Moon 7% @71°	21:40— 23:31 —01:22	8251.570 8251.647 8251.724	3:43	25°, 10°, -2°	307°, 320°, 337°	05:52:47.65 +43:56:56.7	1.18	4.54	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	KW20C20793_S-KELT5_S Finding charts: Annotated, SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	11.60 Moon 7% @45°	21:57— 23:54 —01:51 ± 3:21	8251.582 8251.663 8251.744	3:53	-12°, -4°, 11°	9°, 31°, 49°	23:26:19.14 +38:33:10.7	3.02	6.8	30	Secondary for KELT-5. [Candidate page unavailable] Ephemeris updated per UT2016/01/20 ingress and Rob's new KELT analysis. **Only good quality full event observations with 30+ minutes of pre-event and post-event baseline will be included in the analysis.**
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC192877029 Finding charts: Annotated, SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.73 Moon 7% @49°	22:01— 23:53 —01:45	8251.584 8251.662 8251.740	3:45	04°, -4°, -4°	330°, 348°, 7°	03:19:16.22 +45:59:10.6	2.67	12.23	6	Hot star planet candidate. Magnitude reported is Gaia G.

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
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	KC19C012139 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS , Airmass plot , ACP plan	10.54 Moon 7% @82°	22:00—01:37 —05:14 ± 1:05	8251.584 8251.735 8251.885	7:14	36°, 10°, 01°	312°, 333°, 5°	06:59:37.88 +52:04:16.0	9.77	20.0	3	MCMC weakly bimodal in Tc, P; strongly bimodal in duration. Joao, 11/17/17 saw 2.5% ingress in Ic ~1hr early; Tc (old:7821.683) updated. Allyson, 1/6/17 saw >2% egress in i' ending 1.8hr late; duration (old:5.44) widened and Te reverted (old:7821.649)
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC115651396 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	11.37 Moon 7% @94°	22:19—00:56 —03:33	8251.596 8251.706 8251.815	5:15	13°, 42°, 72°	63°, 83°, 117°	19:04:27.82 +29:15:46.2	2.28	4.26	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC392064442 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	10.59 Moon 7% @87°	22:27—00:07 —01:47	8251.602 8251.672 8251.742	3:21	26°, 08°, -6°	290°, 303°, 319°	07:22:08.49 +30:50:23.7	1.56	9.7	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC12025414 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	10.18 Moon 7% @78°	22:49—00:05 —01:21	8251.617 8251.671 8251.724	2:33	11°, 23°, 36°	51°, 60°, 69°	20:17:04.37 +36:41:41.9	1.25	6.09	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC106001428 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS , Airmass plot , ACP plan	10.56 Moon 7% @81°	23:14—00:33 —01:52	8251.635 8251.690 8251.745	2:38	13°, 27°, 42°	61°, 72°, 82°	20:04:25.24 +30:05:16.7	1.96	5.41	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC421930094 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.06 Moon 7% @64°	23:39—01:07—02:35	8251.652 8251.713 8251.775	2:56	15°, 24°, 35°	28°, 37°, 44°	22:19:40.25 +55:17:54.9	1.08	13.48	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC12985543 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.7 Moon 7% @58°	00:02—01:20—02:38	8251.668 8251.722 8251.777	2:36	10°, 11°, 15°	0°, 10°, 19°	02:17:55.22 +60:55:41.0	1.97	18.57	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC430536317 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.58 Moon 6% @63°	00:19—02:20—04:21	8251.680 8251.764 8251.849	4:02	17°, 33°, 51°	37°, 48°, 54°	22:13:20.99 +50:45:59.8	1.69	11.91	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC362806059 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.24 Moon 6% @81°	00:29—04:58—09:27	8251.687 8251.874 8252.061	8:58	20°, 69°, 42°	77°, 139°, 266°	20:13:50.31 +22:11:43.9	4.87	23.35	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	KW20C05168-KELT1 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	10.80 Moon 7% @41°	00:42—02:04—03:26 ± 0:25	8251.695 8251.753 8251.810	2:45	-2°, 08°, 21°	33°, 45°, 55°	00:01:26.92 +39:23:01.7	1.22	6.1	1	KELT-1. Active for TTV work. Karen's 10/05/15 partial suggests an ephemeris that is 20-30min off from the ephemeris predicted by the publication Tc and P (old ephemeris: 2455914.1628), and Kim's 7/9/17 data agree with this new ephemeris to 4min. [Candidate page unavailable]. Might be worth getting AO on this one again to see if the companion

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Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC394314602 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.34 Moon 6% @96°	01:02—03:38 —06:14	8251.709 8251.818 8251.927	5:13	33°, 59°, 57°	102°, 144°, 221°	19:07:26.81 +11:56:10.1	1.85	26.97	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC224498048 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.67 Moon 6% @101°	01:19—03:24 —05:29	8251.721 8251.808 8251.895	4:10	40°, 59°, 60°	108°, 146°, 209°	18:49:28.27 +12:14:25.4	1.94	5.92	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC87682955 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.3 Moon 6% @84°	01:34—04:38 —07:42	8251.732 8251.860 8251.988	6:09	41°, 77°, 65°	76°, 108°, 268°	19:56:32.98 +33:55:23.5	1.67	7.28	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC250607875 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.37 Moon 6% @50°	01:42—02:56 —04:10	8251.738 8251.789 8251.841	2:28	05°, 10°, 18°	16°, 26°, 35°	02:08:41.23 +53:09:10.7	2.14	8.32	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC431006771 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.43 Moon 6% @63°	01:47—03:20 —04:53	8251.741 8251.806 8251.871	3:06	28°, 41°, 55°	44°, 51°, 53°	22:17:45.09 +51:35:11.3	1.11	17.91	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	KS25C000361 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	7.29 Moon 6% @147°	01:50— 05:13 —08:36 ± 0:41	8251.743 8251.884 8252.025	6:46	10°, -15°, -51°	203°, 235°, 257°	14:13:46.20 -36:37:15.9	7.03	15.5	10	Did not make new reduction of this field.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC364402201 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.05 Moon 6% @77°	02:50— 04:16 —05:42	8251.785 8251.845 8251.905	2:53	51°, 64°, 74°	50°, 46°, 23°	20:42:03.02 +53:18:20.5	0.89	12.2	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC12691951 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.53 Moon 6% @85°	03:53— 06:07 —08:21	8251.828 8251.922 8252.015	4:29	66°, 78°, 55°	107°, 215°, 266°	19:53:54.97 +28:56:33.9	1.46	17.63	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC64089622 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.12 Moon 5% @71°	04:12— 06:58 —09:44	8251.841 8251.957 8252.073	5:33	57°, 78°, 60°	54°, 7°, 307°	21:25:46.62 +50:57:19.5	1.91	10.66	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sat. 05-12-2018 Nautical twilight 21:15 - 04:48 (EST5EDT)	TIC252737456 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.12 Moon 6% @58°	04:46— 05:49 —06:52	8251.865 8251.910 8251.954	2:07	46°, 56°, 65°	50°, 50°, 46°	23:11:05.92 +52:58:01.6	0.63	21.93	6	Hot star planet candidate. Magnitude reported is Gaia G.

Sun. 05-13-2018 : Nautical twilight 21:16 - 04:47 (EST5EDT)

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Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC202879408 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.05 Moon 3% @84°	17:11— 19:52 —22:33	8252.383 8252.495 8252.607	5:22	-16°, -12°, 07°	350°, 24°, 51°	20:17:53.58 +34:31:03.5	1.55	21.02	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	KC11C001532 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	10.84 Moon 4% @104°	17:34— 19:27 —21:20 ± 0:13	8252.398 8252.477 8252.556	3:46	-25°, -15°, 02°	15°, 41°, 60°	18:53:13.32 +24:07:38.6	3.24	7.4	1	KELT-8. Left active for TTV work.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC395194406 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.29 Moon 3% @95°	17:56— 20:47 —23:38	8252.414 8252.533 8252.652	5:42	-18°, -2°, 25°	11°, 44°, 67°	19:27:11.75 +32:35:59.4	1.32	6.67	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	KS14C018924 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	10.65 Moon 3% @101°	18:08— 20:54 —23:40 ± 0:27	8252.423 8252.538 8252.654	5:32	-44°, -21°, 10°	23°, 65°, 93°	19:23:33.23 +04:14:59.8	4.61	10.32	25	Expired as giant based on ANU spectral typing. Re-activated April 2018, after inspecting spectra and determining this is likely not a giant. Karen observed some baseline through shortly past ingress in 'i' on 2015/10/25 seeing a depth of ~15 mmag with flat-bottom, corresponding to a ~1.7 R _{jup} companion (with T _{star} ~7100 K). The
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC276477308 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.48 Moon 3% @81°	19:35— 21:11 —22:47	8252.483 8252.549 8252.616	3:12	07°, 12°, 21°	11°, 24°, 34°	20:33:05.92 +56:01:40.3	2.61	21.76	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC198382300 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.62 Moon 3% @106°	19:38— 20:56 —22:14	8252.485 8252.540 8252.594	2:36	24°, 33°, 43°	35°, 40°, 44°	17:09:34.19 +56:59:33.0	2.08	21.3	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC440534877 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10 Moon 3% @63°	19:40— 20:42 —21:44	8252.486 8252.529 8252.572	2:04	47°, 36°, 25°	294°, 299°, 305°	06:06:55.40 +42:18:43.7	0.76	19.6	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC318228527 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.08 Moon 3% @78°	19:43— 20:45 —21:47	8252.489 8252.532 8252.575	2:04	41°, 30°, 18°	237°, 251°, 262°	07:25:09.64 +05:12:51.6	1.03	12.08	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	KS25C026386 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.62 Moon 3% @153°	19:50— 23:35 —03:20 ± 2:07	8252.493 8252.649 8252.806	7:30	-7°, 16°, 05°	130°, 170°, 216°	14:40:51.90 -34:33:35.3	9.80	9.5	6	Chris, Ic, 2018/03/06 observed from post mid-transit through post egress while saw no show. Priority lowered. Since there is no dip at the other phase in KELT data if period changed to 2xBLS, only need one more observation at the original ephemeris.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC252737456 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.12 Moon 3% @58°	19:52— 20:55 —21:58	8252.494 8252.539 8252.583	2:07	03°, 02°, 03°	351°, 1°, 10°	23:11:05.92 +52:58:01.6	0.63	21.93	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC203159942 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.53 Moon 3% @73°	19:56— 21:10 —22:24	8252.497 8252.549 8252.600	2:28	55°, 42°, 29°	291°, 296°, 303°	07:08:14.81 +42:31:25.6	0.93	4.18	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC265271800 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.31 Moon 3% @62°	20:12— 22:26 —00:40	8252.508 8252.602 8252.695	4:29	10°, 11°, 19°	354°, 11°, 26°	23:19:45.87 +60:09:21.6	1.29	22.32	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC326373080 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.78 Moon 3% @67°	20:33— 21:30 —22:27	8252.523 8252.563 8252.603	1:54	02°, 04°, 08°	7°, 16°, 23°	22:07:01.13 +52:14:47.8	0.63	11.1	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC276042774 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.66 Moon 3% @87°	20:46— 22:47 —00:48	8252.532 8252.616 8252.700	4:02	-9°, 08°, 29°	37°, 56°, 72°	20:12:35.00 +30:37:14.0	1.41	23.93	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC278947060 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.87 Moon 3% @67°	21:05— 23:31 —01:57	8252.545 8252.647 8252.749	4:53	03°, 14°, 31°	11°, 30°, 44°	22:12:07.56 +53:02:04.4	1.70	14.36	6	Hot star planet candidate. Magnitude reported is Gaia G.

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Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC64581100 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.36 Moon 3% @72°	21:18— 22:34 —23:50	8252.554 8252.607 8252.661	2:33	03°, 10°, 18°	20°, 31°, 40°	21:28:43.10 +49:52:06.7	2.16	10.13	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC84231171 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.83 Moon 3% @67°	21:19— 23:24 —01:29	8252.555 8252.642 8252.729	4:10	-6°, 06°, 24°	20°, 40°, 55°	21:52:10.40 +41:18:49.9	2.13	23.14	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC119126312 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.23 Moon 3% @55°	21:22— 22:20 —23:18	8252.557 8252.597 8252.638	1:57	15°, 04°, -6°	284°, 292°, 301°	05:56:21.55 +19:45:50.7	1.03	14.66	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC220322615 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.08 Moon 3% @65°	21:24— 23:13 —01:02	8252.558 8252.634 8252.710	3:38	17°, -4°, -23°	269°, 286°, 305°	06:40:43.22 +09:46:01.7	0.93	14.06	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	K2WJ_247365042 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	14 Moon 2% @38°	21:29— 03:04 —08:39	8252.561 8252.795 8253.028	11:11	03°, -30°, 14°	295°, 8°, 74°	04:56:09.86 +21:06:42.7	41.70	20	2	K2 Warm Jupiter. Looking for event confirmation and refining the ephemeris. Use optimal SNR filter and longest available observing window. The contact for this project is Knicole (knicole.colon@nasa.gov). Second half of predicted transit observed by Allyson on 2018-01-30 in i-band. No clear trend seen in the target but there is some kind

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
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC234075733 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.54 Moon 3% @67°	21:44— 22:49 —23:54	8252.573 8252.618 8252.663	2:10	11°, -2°, -14°	268°, 278°, 289°	06:44:20.41 +05:28:45.9	0.88	10.22	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC244685060 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.15 Moon 3% @88°	21:46— 23:01 —00:16	8252.573 8252.626 8252.679	2:31	-2°, 10°, 23°	50°, 61°, 71°	20:06:31.04 +28:30:07.8	2.14	16.72	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC212497647 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.54 Moon 3% @100°	21:44— 23:25 —01:06	8252.573 8252.643 8252.713	3:22	-14°, 06°, 25°	72°, 88°, 105°	19:33:02.58 +04:56:58.2	1.10	25.86	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	HTR134-006 Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot , ACP plan	11.88 Moon 3% @71°	22:01— 00:09 —02:17 ± 0:00	8252.584 8252.673 8252.762	4:16	32°, 12°, -3°	300°, 314°, 333°	07:05:49.45 +41:15:34.0	2.87	25.0	1	Go for full transits (eclipses?). TYC 2951-946-1. Karen, 12/30/17 saw 2.5% flat-bottomed in r' arriving and ending late; Tc (old:3769.6935) and duration (old:4.28) updated. Kim, 2/7/18 saw 2.5-4% egress in r', but very gappy. Allyson, 4/24/18 saw >2% egress in i'.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	KC24C020148 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.13 Moon 2% @82°	23:06— 01:44 —04:22 ± 0:37	8252.629 8252.740 8252.850	5:17	17°, 41°, 68°	44°, 59°, 62°	20:38:10.21 +45:47:41.0	13.11	30.0	9	Allyson, 9/18/16 saw ~30mmag in i' arriving ~1.44hr late. Tc updated to match (old: 7610.361). Go for a depth check.

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
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC165497225 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.05 Moon 2% @134°	23:23—02:09 —04:55	8252.641 8252.757 8252.872	5:33	06°, -11°, -37°	199°, 224°, 242°	12:01:38.22 -41:54:01.0	2.00	20.69	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC163373764 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.81 Moon 2% @77°	23:28—01:38 —03:48	8252.645 8252.735 8252.826	4:20	07°, 29°, 54°	54°, 71°, 87°	21:05:34.11 +31:49:44.3	1.62	8.61	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC197035062 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.93 Moon 2% @61°	23:46—00:56 —02:06	8252.657 8252.706 8252.755	2:20	06°, -3°, -10°	314°, 325°, 337°	06:22:11.22 +36:59:19.4	0.86	12.44	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC110981024 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.13 Moon 2% @100°	23:46—02:13 —04:40	8252.657 8252.760 8252.862	4:54	23°, 51°, 75°	75°, 98°, 158°	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 Rp. More observations to confirm depth.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC377618231 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.53 Moon 2% @63°	23:51—01:49 —03:47	8252.661 8252.743 8252.825	3:56	16°, 27°, 40°	21°, 32°, 38°	23:12:40.08 +60:43:00.4	1.75	27.57	6	Hot star planet candidate. Magnitude reported is Gaia G.

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
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC364402201 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.05 Moon 2% @81°	00:05— 01:31 —02:57	8252.670 8252.731 8252.791	2:53	28°, 40°, 53°	43°, 48°, 50°	20:42:03.02 +53:18:20.5	0.89	12.2	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC102498584 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.64 Moon 2% @91°	00:19— 02:02 —03:45	8252.680 8252.752 8252.824	3:27	28°, 47°, 67°	67°, 79°, 94°	19:57:51.05 +33:54:43.9	0.73	6.26	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC30061793 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.49 Moon 2% @100°	00:23— 01:45 —03:07	8252.683 8252.740 8252.797	2:44	36°, 52°, 68°	73°, 83°, 96°	19:14:42.14 +33:25:02.2	1.19	7.7	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC15781119 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.39 Moon 2% @85°	00:39— 02:46 —04:53	8252.694 8252.782 8252.871	4:14	27°, 51°, 75°	64°, 77°, 94°	20:28:19.73 +36:28:35.4	1.72	28.82	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC69453241 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.8 Moon 2% @97°	00:57— 06:10 —11:23	8252.706 8252.924 8253.142	10:26	39°, 78°, 19°	74°, 249°, 298°	19:37:54.31 +33:38:44.5	4.04	12.73	6	Hot star planet candidate. Magnitude reported is Gaia G.

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
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC92601149 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.38 Moon 2% @113°	01:12—03:19 —05:26	8252.717 8252.805 8252.894	4:14	39°, 58°, 59°	109°, 148°, 210°	18:47:04.17 +10:59:33.3	2.40	14.16	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	KS25C009558 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	10.51 Moon 2% @157°	01:30—04:43 —07:56 ± 5:02	8252.729 8252.863 8252.998	6:27	16°, -11°, -47°	209°, 241°, 267°	13:44:14.50 -28:48:55.4	22.75	11.5	10	TG, R, 2017/04/22 observed the full duration, seeing no event. Priority lowered, and left on for another observation, which should try to confirm the event in the filter giving the best SNR.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC421930094 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	12.06 Moon 2% @67°	01:36—03:04 —04:32	8252.733 8252.795 8252.856	2:56	28°, 40°, 52°	40°, 45°, 47°	22:19:40.25 +55:17:54.9	1.08	13.48	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	KC09C03485 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	11.65 Moon 2% @139°	02:28—06:29 —10:30 ± 1:35	8252.769 8252.937 8253.105	8:03	73°, 30°, -12°	213°, 279°, 315°	16:09:30.38 +24:31:36.1	1.50	4.7	1	awfully long duty cycle (~22%).
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC445550537 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.97 Moon 2% @50°	02:37—05:51 —09:05	8252.776 8252.911 8253.046	6:28	15°, 34°, 58°	22°, 38°, 38°	02:01:22.53 +58:57:09.1	1.68	19.59	6	Hot star planet candidate. Magnitude reported is Gaia G.

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
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC352318199 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.7 Moon 2% @35°	02:41— 04:55 —07:09	8252.778 8252.872 8252.965	4:29	04°, 25°, 49°	44°, 62°, 76°	01:00:25.54 +36:32:05.2	2.16	29.52	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC280167228 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.16 Moon 2% @95°	02:56— 07:00 —11:04	8252.789 8252.959 8253.129	8:09	57°, 70°, 23°	94°, 250°, 290°	19:55:02.91 +29:45:44.1	4.56	6.65	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC325809225 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.97 Moon 2% @99°	03:18— 06:07 —08:56	8252.804 8252.922 8253.039	5:39	46°, 58°, 35°	127°, 195°, 249°	19:56:27.80 +07:15:38.1	2.13	6.44	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC247298935 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.27 Moon 2% @134°	03:25— 04:46 —06:07	8252.809 8252.866 8252.923	2:43	07°, 03°, -5°	189°, 204°, 216°	16:55:06.30 -42:48:21.0	0.77	7.98	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC371163505 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	9.49 Moon 2% @70°	03:27— 05:29 —07:31	8252.810 8252.896 8252.981	4:05	46°, 64°, 76°	51°, 47°, 3°	21:58:04.08 +52:33:14.7	1.71	8.04	6	Hot star planet candidate. Magnitude reported is Gaia G.

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
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC418433863 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	8.47 Moon 1% @80°	03:49— 10:57 —18:05	8252.825 8253.123 8253.421	14:17	56°, 40°, -14°	80°, 289°, 353°	21:03:11.58 +36:44:38.8	11.70	11.93	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	KS13C003426 Finding charts: Annotated , SkyMap ; Info: KELT page , Simbad , 2MASS ; Airmass plot , ACP plan	9.3 Moon 2% @123°	04:16— 06:09 —08:02 ± 0:24	8252.844 8252.923 8253.002	3:47	50°, 40°, 22°	186°, 225°, 250°	18:21:15.02 -00:47:10.9	5.19	4.17	10	TG, 2016/07/11 in I saw a ~5 mmag ingress arriving later than predicted. Lengthening the period by ~13 seconds makes the KELT data align with TG's apparently-late-ingress. Tc and duration updated as well. Due to a scheduling error, TG observed a few hours of baseline, which was flat. The next observation should try to confirm the event at
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC431006771 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	11.43 Moon 2% @67°	04:20— 05:53 —07:26	8252.847 8252.912 8252.977	3:06	51°, 65°, 76°	53°, 49°, 20°	22:17:45.09 +51:35:11.3	1.11	17.91	6	Hot star planet candidate. Magnitude reported is Gaia G.
Sun. 05-13-2018 Nautical twilight 21:16 - 04:47 (EST5EDT)	TIC12025414 Finding charts: Annotated , SkyMap ; Info: ExoFOP TESS page , Simbad , 2MASS ; Airmass plot , ACP plan	10.18 Moon 2% @88°	04:47— 06:03 —07:19	8252.866 8252.919 8252.972	2:33	76°, 87°, 73°	94°, 217°, 269°	20:17:04.37 +36:41:41.9	1.25	6.09	6	Hot star planet candidate. Magnitude reported is Gaia G.

Showing 1 to 237 of 237 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
Boyajians star Finding charts: Annotated , SkyMap ; Info: Simbad , 2MASS ; Airmass plot	11.7	76°	04:51	20:06:15.46 +44:27:24.6	1	Boyajian's star, irregular / mysterious variable. Observe if no high-priority KELT targets are well-placed, in filter that gives highest S/N. Howie observed with LCO multiple times in May 2017.

Showing 1 to 1 of 1 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 2018-05-09 18:26:10

Script took 5 seconds.