



**ETD** Exoplanet Transit Database  
 ... complete ... worldwide ... continuously growing ...  
<http://var.astro.cz/ETD>

**Known transitters:**

- CoRoT-1 b
- CoRoT-10 b
- CoRoT-11 b
- CoRoT-12 b
- CoRoT-13 b
- CoRoT-17 b
- CoRoT-18 b
- CoRoT-19 b
- CoRoT-2 b
- CoRoT-20 b
- CoRoT-3 b
- CoRoT-4 b
- CoRoT-5 b
- CoRoT-6 b
- CoRoT-8 b
- CoRoT-9 b
- EPIC 218916923 b
- EPIC 228735255 b
- EPIC-203771098 b
- EPIC-203771098 c
- EPIC-210957318 b
- EPIC-211089792 b
- EPIC-212110888 b
- GJ1214 b
- GJ3470 b
- GJ436 b
- HAT-P-1 b
- HAT-P-10/WASP-11 b
- HAT-P-11 b
- HAT-P-12 b
- HAT-P-13 b
- HAT-P-14 b
- HAT-P-15 b
- HAT-P-16 b
- HAT-P-17 b
- HAT-P-18 b
- HAT-P-19 b
- HAT-P-2 b
- HAT-P-20 b
- HAT-P-21 b
- HAT-P-22 b

**ETD - Exoplanet Transit Database**

[Observers community](#) | [How to contribute to ETD](#) | [Model-fit your data](#) | [Transit predictions](#) | [KEPLER Transit predictions](#) | [KEPLER Candidates](#)

**TrES-1 b (Lyr)**

RA (J2000): **19 04 09.844**, DE (J2000): **+36 37 57.54**,  
 V = **11.79 mag**, dV = **0.0208 mag**, duration = **149.8 minutes**  
 Per =  d, T0(HJD) =



15' x 15' image from the Digitized Sky Survey at the STScI Archive.

Your ELONGITUDE (in deg):     
 Your LATITUDE (in deg):

**Transits predictions for NEXT 365 days.**  
**ELONGITUDE: 283° and LATITUDE: 39°**

Transit occurs below 20° in the sky. | **During the daylight.** | **Observable.**

Tmid (HJD)	BEGIN (UT/h,A)	CENTER (DD.MM. UT/h,A)	END (UT/h,A)
<b>2458310.655</b>	11.07 2:28 (61°,E)	<b>11.07. 3:43 (76°,E)</b>	11.07 4:58 (88°,S)
<b>2458313.685</b>	14.07 3:12 (72°,E)	<b>14.07. 4:26 (86°,SE)</b>	14.07 5:41 (79°,W)
<b>2458316.715</b>	17.07 3:55 (83°,E)	<b>17.07. 5:10 (83°,W)</b>	17.07 6:25 (68°,W)
<b>2458319.746</b>	20.07 4:38 (86°,SW)	<b>20.07. 5:53 (72°,W)</b>	20.07 7:08 (58°,W)
<b>2458322.776</b>	23.07 5:21 (76°,W)	<b>23.07. 6:36 (61°,W)</b>	23.07 7:51 (47°,W)
<b>2458325.806</b>	26.07 6:05 (65°,W)	<b>26.07. 7:20 (51°,W)</b>	26.07 8:35 (37°,W)
<b>2458328.836</b>	29.07 6:48 (55°,W)	<b>29.07. 8:03 (40°,W)</b>	29.07 9:18 (27°,NW)
<b>2458331.866</b>	01.08 7:31 (44°,W)	<b>01.08. 8:46 (31°,NW)</b>	01.08 10:01 (18°,NW)
<b>2458334.896</b>	04.08 8:15 (34°,NW)	<b>04.08. 9:30 (21°,NW)</b>	04.08 10:44 (9°,NW)
2458337.926	07.08 8:58 (24°,NW)	<b>07.08. 10:13 (12°,NW)</b>	07.08 11:28 (2°,NW)
2458340.956	10.08 9:41 (15°,NW)	<b>10.08. 10:56 (4°,NW)</b>	10.08 12:11 (-5°,NW)
2458343.986	13.08 10:25 (7°,NW)	<b>13.08. 11:39 (-3°,NW)</b>	13.08 12:54 (-10°,N)
2458347.016	16.08 11:08 (0°,NW)	<b>16.08. 12:23 (-9°,NW)</b>	16.08 13:38 (-13°,N)
2458350.046	19.08 11:51 (-6°,NW)	<b>19.08. 13:06 (-12°,N)</b>	19.08 14:21 (-14°,N)
2458353.076	22.08 12:35 (-11°,N)	<b>22.08. 13:49 (-14°,N)</b>	22.08 15:04 (-13°,N)
2458356.106	25.08 13:18 (-13°,N)	<b>25.08. 14:33 (-13°,N)</b>	25.08 15:48 (-9°,NE)

What's new: | [Archive](#)



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Dear observers, Exoplanet Transit Database is back on-line!

You can use all its features as usually. Sorry for long shutdown.

<http://var2.astro.cz/ETD>



**Current statistics:**  
 (10. 7. 2018)

# of objects: **332**  
 # of transits: **6748**

DQ	# of transits
1	1533
2	1089
3	2605
4	800
5	712

HAT-P-23 b	2458359.136	28.08 14:01 (-14°,N)	28.08. 15:16 (-11°,N)	28.08 16:31 (-4°,NE)
HAT-P-24 b	2458362.167	31.08 14:44 (-12°,N)	31.08. 15:59 (-6°,NE)	31.08 17:14 (2°,NE)
HAT-P-25 b	2458365.197	03.09 15:28 (-8°,NE)	03.09. 16:43 (0°,NE)	03.09 17:58 (10°,NE)
HAT-P-26 b	2458368.227	06.09 16:11 (-3°,NE)	06.09. 17:26 (7°,NE)	06.09 18:41 (19°,NE)
HAT-P-27/WASP-40 b	2458371.257	09.09 16:54 (4°,NE)	09.09. 18:09 (15°,NE)	09.09 19:24 (28°,NE)
HAT-P-28 b	2458374.287	12.09 17:38 (12°,NE)	12.09. 18:53 (25°,NE)	12.09 20:07 (38°,E)
HAT-P-29 b	2458377.317	15.09 18:21 (21°,NE)	15.09. 19:36 (34°,NE)	15.09 20:51 (48°,E)
HAT-P-3 b	2458380.347	18.09 19:04 (31°,NE)	18.09. 20:19 (44°,E)	18.09 21:34 (58°,E)
HAT-P-3 b	2458383.377	21.09 19:48 (41°,E)	21.09. 21:02 (55°,E)	21.09 22:17 (69°,E)
HAT-P-3 b	2458386.407	24.09 20:31 (51°,E)	24.09. 21:46 (65°,E)	24.09 23:01 (80°,E)
HAT-P-3 b	2458389.437	27.09 21:14 (61°,E)	27.09. 22:29 (76°,E)	27.09 23:44 (88°,S)
HAT-P-30/WASP-51 b	2458392.467	30.09 21:57 (72°,E)	30.09. 23:12 (86°,SE)	01.10 0:27 (80°,W)
HAT-P-31 b	2458395.497	03.10 22:41 (83°,E)	03.10. 23:56 (83°,W)	04.10 1:11 (69°,W)
HAT-P-31 b	2458398.527	06.10 23:24 (86°,SW)	07.10. 0:39 (73°,W)	07.10 1:54 (58°,W)
HAT-P-32 b	2458401.557	10.10 0:07 (77°,W)	10.10. 1:22 (62°,W)	10.10 2:37 (48°,W)
HAT-P-32 b	2458404.588	13.10 0:51 (66°,W)	13.10. 2:06 (51°,W)	13.10 3:20 (38°,W)
HAT-P-33 b	2458407.618	16.10 1:34 (55°,W)	16.10. 2:49 (41°,W)	16.10 4:04 (28°,NW)
HAT-P-34 b	2458410.648	19.10 2:17 (45°,W)	19.10. 3:32 (31°,NW)	19.10 4:47 (18°,NW)
HAT-P-35 b	2458413.678	22.10 3:01 (35°,W)	22.10. 4:15 (22°,NW)	22.10 5:30 (10°,NW)
HAT-P-36 b	2458416.708	25.10 3:44 (25°,NW)	25.10. 4:59 (13°,NW)	25.10 6:14 (2°,NW)
HAT-P-37 b	2458419.738	28.10 4:27 (16°,NW)	28.10. 5:42 (5°,NW)	28.10 6:57 (-4°,NW)
HAT-P-38 b	2458422.768	31.10 5:10 (8°,NW)	31.10. 6:25 (-2°,NW)	31.10 7:40 (-9°,N)
HAT-P-39 b	2458425.798	03.11 5:54 (0°,NW)	03.11. 7:09 (-8°,NW)	03.11 8:24 (-13°,N)
HAT-P-40 b	2458428.828	06.11 6:37 (-6°,NW)	06.11. 7:52 (-12°,N)	06.11 9:07 (-14°,N)
HAT-P-41 b	2458431.858	09.11 7:20 (-11°,N)	09.11. 8:35 (-14°,N)	09.11 9:50 (-13°,N)
HAT-P-42 b	2458434.888	12.11 8:04 (-13°,N)	12.11. 9:19 (-13°,N)	12.11 10:33 (-10°,N)
HAT-P-43 b	2458437.918	15.11 8:47 (-14°,N)	15.11. 10:02 (-11°,N)	15.11 11:17 (-5°,NE)
HAT-P-44 b	2458440.948	18.11 9:30 (-12°,N)	18.11. 10:45 (-7°,NE)	18.11 12:00 (2°,NE)
HAT-P-45 b	2458443.978	21.11 10:14 (-9°,NE)	21.11. 11:28 (-1°,NE)	21.11 12:43 (9°,NE)
HAT-P-46 b	2458447.008	24.11 10:57 (-3°,NE)	24.11. 12:12 (7°,NE)	24.11 13:27 (18°,NE)
HAT-P-47 b	2458450.039	27.11 11:40 (3°,NE)	27.11. 12:55 (15°,NE)	27.11 14:10 (27°,NE)
HAT-P-48 b	2458453.069	30.11 12:23 (12°,NE)	30.11. 13:38 (24°,NE)	30.11 14:53 (37°,E)
HAT-P-49 b	2458456.099	03.12 13:07 (21°,NE)	03.12. 14:22 (34°,NE)	03.12 15:37 (47°,E)
HAT-P-50 b	2458459.129	06.12 13:50 (30°,NE)	06.12. 15:05 (44°,E)	06.12 16:20 (58°,E)
HAT-P-51 b	2458462.159	09.12 14:33 (40°,E)	09.12. 15:48 (54°,E)	09.12 17:03 (68°,E)
HAT-P-52 b	2458465.189	12.12 15:17 (50°,E)	12.12. 16:32 (65°,E)	12.12 17:46 (79°,E)
HAT-P-53 b	2458468.219	15.12 16:00 (61°,E)	15.12. 17:15 (75°,E)	15.12 18:30 (88°,S)
HAT-P-54 b	2458471.249	18.12 16:43 (71°,E)	18.12. 17:58 (86°,SE)	18.12 19:13 (80°,W)
HAT-P-55 b	2458474.279	21.12 17:27 (82°,E)	21.12. 18:41 (83°,W)	21.12 19:56 (69°,W)
HAT-P-56 b	2458477.309	24.12 18:10 (87°,SW)	24.12. 19:25 (73°,W)	24.12 20:40 (58°,W)
HAT-P-57 b	2458480.339	27.12 18:53 (77°,W)	27.12. 20:08 (62°,W)	27.12 21:23 (48°,W)
HAT-P-58 b	2458483.369	30.12 19:36 (66°,W)	30.12. 20:51 (51°,W)	30.12 22:06 (37°,W)
HAT-P-59 b	2458486.399	02.01 20:20 (55°,W)	02.01. 21:35 (41°,W)	02.01 22:50 (28°,NW)
HAT-P-60 b	2458489.429	05.01 21:03 (45°,W)	05.01. 22:18 (31°,NW)	05.01 23:33 (18°,NW)
HAT-P-61 b	2458492.460	08.01 21:46 (35°,W)	08.01. 23:01 (22°,NW)	09.01 0:16 (10°,NW)
HAT-P-62 b	2458495.490	11.01 22:30 (25°,NW)	11.01. 23:45 (13°,NW)	12.01 0:59 (3°,NW)
HAT-P-63 b	2458498.520	14.01 23:13 (16°,NW)	15.01. 0:28 (5°,NW)	15.01 1:43 (-4°,NW)
HAT-P-64 b	2458501.550	17.01 23:56 (7°,NW)	18.01. 1:11 (-2°,NW)	18.01 2:26 (-9°,NW)
HAT-P-65 b	2458504.580	21.01 0:40 (0°,NW)	21.01. 1:54 (-7°,NW)	21.01 3:09 (-13°,N)
HAT-P-66 b	2458507.610	24.01 1:23 (-6°,NW)	24.01. 2:38 (-12°,N)	24.01 3:53 (-14°,N)
HAT-P-67 b	2458510.640	27.01 2:06 (-10°,N)	27.01. 3:21 (-14°,N)	27.01 4:36 (-13°,N)
HAT-P-68 b	2458513.670	30.01 2:49 (-13°,N)	30.01. 4:04 (-14°,N)	30.01 5:19 (-10°,N)
HAT-P-69 b	2458516.700	02.02 3:33 (-14°,N)	02.02. 4:48 (-11°,N)	02.02 6:03 (-5°,NE)
HAT-P-70 b	2458519.730	05.02 4:16 (-12°,N)	05.02. 5:31 (-7°,NE)	05.02 6:46 (1°,NE)
HAT-P-71 b	2458522.760	08.02 4:59 (-9°,NE)	08.02. 6:14 (-2°,NE)	08.02 7:29 (8°,NE)
HAT-P-72 b	2458525.790	11.02 5:43 (-4°,NE)	11.02. 6:58 (6°,NE)	11.02 8:12 (17°,NE)
HAT-P-73 b	2458528.820	14.02 6:26 (3°,NE)	14.02. 7:41 (14°,NE)	14.02 8:56 (26°,NE)
HAT-P-74 b	2458531.850	17.02 7:09 (11°,NE)	17.02. 8:24 (23°,NE)	17.02 9:39 (36°,E)
HAT-P-75 b	2458534.881	20.02 7:53 (19°,NE)	20.02. 9:07 (32°,NE)	20.02 10:22 (46°,E)
HAT-P-76 b	2458537.911	23.02 8:36 (29°,NE)	23.02. 9:51 (42°,E)	23.02 11:06 (56°,E)
HAT-P-77 b	2458540.941	26.02 9:19 (38°,E)	26.02. 10:34 (53°,E)	26.02 11:49 (67°,E)
HAT-P-78 b	2458543.971	01.03 10:02 (49°,E)	01.03. 11:17 (63°,E)	01.03 12:32 (78°,E)
HAT-P-79 b	2458547.001	04.03 10:46 (59°,E)	04.03. 12:01 (75°,E)	04.03 13:16 (88°,S)
HAT-P-80 b	2458550.031	07.03 11:29 (70°,E)	07.03. 12:44 (85°,SE)	07.03 13:59 (80°,W)
HAT-P-81 b	2458553.061	10.03 12:12 (81°,E)	10.03. 13:27 (84°,W)	10.03 14:42 (70°,W)
HAT-P-82 b	2458556.091	13.03 12:56 (87°,SW)	13.03. 14:11 (73°,W)	13.03 15:25 (59°,W)
HAT-P-83 b	2458559.121	16.03 13:39 (77°,W)	16.03. 14:54 (63°,W)	16.03 16:09 (48°,W)
HAT-P-84 b	2458562.151	19.03 14:22 (67°,W)	19.03. 15:37 (52°,W)	19.03 16:52 (38°,W)
HAT-P-85 b	2458565.181	22.03 15:06 (56°,W)	22.03. 16:20 (42°,W)	22.03 17:35 (28°,NW)
HAT-P-86 b	2458568.211	25.03 15:49 (45°,W)	25.03. 17:04 (32°,NW)	25.03 18:19 (19°,NW)
HAT-P-87 b	2458571.241	28.03 16:32 (35°,W)	28.03. 17:47 (22°,NW)	28.03 19:02 (10°,NW)
HAT-P-88 b	2458574.271	31.03 17:15 (26°,NW)	31.03. 18:30 (13°,NW)	31.03 19:45 (3°,NW)

HATS-24 b	2458577.302	03.04 17:59 (16°,NW)	03.04. 19:14 (5°,NW)	03.04 20:29 (-4°,NW)
HATS-25 b	2458580.332	06.04 18:42 (8°,NW)	06.04. 19:57 (-2°,NW)	06.04 21:12 (-9°,NW)
HATS-26 b	2458583.362	09.04 19:25 (1°,NW)	09.04. 20:40 (-8°,NW)	09.04 21:55 (-13°,N)
HATS-27 b	2458586.392	12.04 20:09 (-6°,NW)	12.04. 21:24 (-12°,N)	12.04 22:38 (-14°,N)
HATS-28 b	2458589.422	15.04 20:52 (-10°,N)	15.04. 22:07 (-14°,N)	15.04 23:22 (-13°,N)
HATS-29 b	2458592.452	18.04 21:35 (-13°,N)	18.04. 22:50 (-14°,N)	19.04 0:05 (-10°,N)
HATS-30 b	2458595.482	21.04 22:19 (-14°,N)	21.04. 23:33 (-11°,N)	22.04 0:48 (-6°,NE)
HATS-31 b	2458598.512	24.04 23:02 (-12°,N)	25.04. 0:17 (-8°,NE)	25.04 1:32 (0°,NE)
HATS-32 b	2458601.542	27.04 23:45 (-9°,NE)	28.04. 1:00 (-2°,NE)	28.04 2:15 (8°,NE)
HATS-33 b	2458604.572	01.05 0:28 (-4°,NE)	01.05. 1:43 (5°,NE)	01.05 2:58 (16°,NE)
HATS-34 b	2458607.602	04.05 1:12 (2°,NE)	04.05. 2:27 (13°,NE)	04.05 3:42 (25°,NE)
HATS-35 b	2458610.632	07.05 1:55 (10°,NE)	07.05. 3:10 (22°,NE)	07.05 4:25 (35°,E)
HATS-36 b	2458613.662	10.05 2:38 (19°,NE)	10.05. 3:53 (31°,NE)	10.05 5:08 (45°,E)
HATS-37 b	2458616.692	13.05 3:22 (28°,NE)	13.05. 4:37 (42°,E)	13.05 5:51 (56°,E)
HATS-38 b	2458619.722	16.05 4:05 (38°,E)	16.05. 5:20 (52°,E)	16.05 6:35 (66°,E)
HATS-39 b	2458622.753	19.05 4:48 (48°,E)	19.05. 6:03 (62°,E)	19.05 7:18 (77°,E)
HATS-40 b	2458625.783	22.05 5:32 (59°,E)	22.05. 6:46 (73°,E)	22.05 8:01 (87°,SE)
HATS-41 b	2458628.813	25.05 6:15 (69°,E)	25.05. 7:30 (84°,E)	25.05 8:45 (82°,W)
HATS-42 b	2458631.843	28.05 6:58 (80°,E)	28.05. 8:13 (85°,SW)	28.05 9:28 (71°,W)
HATS-43 b	2458634.873	31.05 7:41 (88°,S)	31.05. 8:56 (75°,W)	31.05 10:11 (60°,W)
HATS-44 b	2458637.903	03.06 8:25 (79°,W)	03.06. 9:40 (64°,W)	03.06 10:55 (50°,W)
HATS-45 b	2458640.933	06.06 9:08 (68°,W)	06.06. 10:23 (54°,W)	06.06 11:38 (39°,W)
HATS-46 b	2458643.963	09.06 9:51 (57°,W)	09.06. 11:06 (43°,W)	09.06 12:21 (29°,NW)
HATS-47 b	2458646.993	12.06 10:35 (47°,W)	12.06. 11:50 (33°,NW)	12.06 13:04 (20°,NW)
HATS-48 b	2458650.023	15.06 11:18 (37°,W)	15.06. 12:33 (23°,NW)	15.06 13:48 (11°,NW)
HATS-49 b	2458653.053	18.06 12:01 (26°,NW)	18.06. 13:16 (14°,NW)	18.06 14:31 (3°,NW)
HATS-50 b	2458656.083	21.06 12:45 (17°,NW)	21.06. 13:59 (6°,NW)	21.06 15:14 (-4°,NW)
HATS-51 b	2458659.113	24.06 13:28 (8°,NW)	24.06. 14:43 (-2°,NW)	24.06 15:58 (-9°,NW)
HATS-52 b	2458662.143	27.06 14:11 (1°,NW)	27.06. 15:26 (-7°,NW)	27.06 16:41 (-12°,N)
HATS-53 b	2458665.174	30.06 14:54 (-5°,NW)	30.06. 16:09 (-11°,N)	30.06 17:24 (-14°,N)
HATS-54 b	2458668.204	03.07 15:38 (-10°,N)	03.07. 16:53 (-14°,N)	03.07 18:08 (-13°,N)
HATS-55 b	2458671.234	06.07 16:21 (-13°,N)	06.07. 17:36 (-14°,N)	06.07 18:51 (-10°,N)
HATS-56 b	2458674.264	09.07 17:04 (-14°,N)	09.07. 18:19 (-12°,N)	09.07 19:34 (-6°,NE)
HATS-57 b	2458677.294	12.07 17:48 (-13°,N)	12.07. 19:03 (-8°,NE)	12.07 20:17 (0°,NE)
HATS-58 b	2458680.324	15.07 18:31 (-9°,NE)	15.07. 19:46 (-2°,NE)	15.07 21:01 (8°,NE)
HATS-59 b	2458683.354	18.07 19:14 (-4°,NE)	18.07. 20:29 (5°,NE)	18.07 21:44 (16°,NE)
HATS-60 b	2458686.384	21.07 19:58 (2°,NE)	21.07. 21:12 (13°,NE)	21.07 22:27 (25°,NE)
HATS-61 b	2458689.414	24.07 20:41 (10°,NE)	24.07. 21:56 (22°,NE)	24.07 23:11 (35°,E)
HATS-62 b	2458692.444	27.07 21:24 (19°,NE)	27.07. 22:39 (32°,NE)	27.07 23:54 (45°,E)
HATS-63 b	2458695.474	30.07 22:07 (28°,NE)	30.07. 23:22 (42°,E)	31.07 0:37 (55°,E)
HATS-64 b	2458698.504	02.08 22:51 (38°,E)	03.08. 0:06 (51°,E)	03.08 1:21 (66°,E)
HATS-65 b	2458701.534	05.08 23:34 (48°,E)	06.08. 0:49 (62°,E)	06.08 2:04 (76°,E)
HATS-66 b	2458704.564	09.08 0:17 (58°,E)	09.08. 1:32 (72°,E)	09.08 2:47 (87°,SE)
HATS-67 b	2458707.595	12.08 1:01 (69°,E)	12.08. 2:16 (83°,E)	12.08 3:30 (82°,W)
HATS-68 b	2458710.625	15.08 1:44 (79°,E)	15.08. 2:59 (86°,SW)	15.08 4:14 (72°,W)
HATS-69 b	2458713.655	18.08 2:27 (88°,S)	18.08. 3:42 (76°,W)	18.08 4:57 (61°,W)
HATS-70 b	2458716.685	21.08 3:11 (79°,W)	21.08. 4:25 (65°,W)	21.08 5:40 (51°,W)
HATS-71 b	2458719.715	24.08 3:54 (69°,W)	24.08. 5:09 (54°,W)	24.08 6:24 (40°,W)
HATS-72 b	2458722.745	27.08 4:37 (58°,W)	27.08. 5:52 (44°,W)	27.08 7:07 (30°,NW)
HATS-73 b	2458725.775	30.08 5:20 (48°,W)	30.08. 6:35 (34°,NW)	30.08 7:50 (21°,NW)
HATS-74 b	2458728.805	02.09 6:04 (37°,W)	02.09. 7:19 (24°,NW)	02.09 8:34 (12°,NW)
HATS-75 b	2458731.835	05.09 6:47 (27°,NW)	05.09. 8:02 (15°,NW)	05.09 9:17 (4°,NW)
HATS-76 b	2458734.865	08.09 7:30 (18°,NW)	08.09. 8:45 (7°,NW)	08.09 10:00 (-3°,NW)
HATS-77 b	2458737.895	11.09 8:14 (10°,NW)	11.09. 9:29 (-1°,NW)	11.09 10:44 (-8°,NW)
HATS-78 b	2458740.925	14.09 8:57 (2°,NW)	14.09. 10:12 (-7°,NW)	14.09 11:27 (-12°,N)
HATS-79 b	2458743.955	17.09 9:40 (-5°,NW)	17.09. 10:55 (-11°,N)	17.09 12:10 (-14°,N)
HATS-80 b	2458746.985	20.09 10:24 (-10°,N)	20.09. 11:39 (-13°,N)	20.09 12:53 (-13°,N)
HATS-81 b	2458750.015	23.09 11:07 (-13°,N)	23.09. 12:22 (-14°,N)	23.09 13:37 (-11°,N)
HATS-82 b	2458753.046	26.09 11:50 (-14°,N)	26.09. 13:05 (-12°,N)	26.09 14:20 (-6°,NE)
HATS-83 b	2458756.076	29.09 12:34 (-13°,N)	29.09. 13:48 (-8°,NE)	29.09 15:03 (0°,NE)
HATS-84 b	2458759.106	02.10 13:17 (-10°,NE)	02.10. 14:32 (-2°,NE)	02.10 15:47 (7°,NE)
HATS-85 b	2458762.136	05.10 14:00 (-5°,NE)	05.10. 15:15 (5°,NE)	05.10 16:30 (16°,NE)
HATS-86 b	2458765.166	08.10 14:43 (2°,NE)	08.10. 15:58 (13°,NE)	08.10 17:13 (25°,NE)
HATS-87 b	2458768.196	11.10 15:27 (10°,NE)	11.10. 16:42 (22°,NE)	11.10 17:57 (35°,E)
HATS-88 b	2458771.226	14.10 16:10 (18°,NE)	14.10. 17:25 (31°,NE)	14.10 18:40 (45°,E)
HATS-89 b	2458774.256	17.10 16:53 (27°,NE)	17.10. 18:08 (41°,E)	17.10 19:23 (55°,E)
HATS-90 b	2458777.286	20.10 17:37 (37°,E)	20.10. 18:52 (51°,E)	20.10 20:06 (66°,E)
HATS-91 b	2458780.316	23.10 18:20 (48°,E)	23.10. 19:35 (62°,E)	23.10 20:50 (76°,E)
HATS-92 b	2458783.346	26.10 19:03 (58°,E)	26.10. 20:18 (73°,E)	26.10 21:33 (87°,SE)
HATS-93 b	2458786.376	29.10 19:47 (69°,E)	29.10. 21:01 (83°,E)	29.10 22:16 (82°,W)
HATS-94 b	2458789.406	01.11 20:30 (79°,E)	01.11. 21:45 (86°,SW)	01.11 23:00 (72°,W)

Kepler-11 e	<b>2458792.436</b>	04.11 21:13 (88°,S)	<b>04.11. 22:28 (75°,W)</b>	04.11 23:43 (61°,W)
Kepler-11 f	<b>2458795.467</b>	07.11 21:56 (79°,W)	<b>07.11. 23:11 (65°,W)</b>	08.11 0:26 (51°,W)
Kepler-11 g	<b>2458798.497</b>	10.11 22:40 (69°,W)	<b>10.11. 23:55 (54°,W)</b>	11.11 1:10 (41°,W)
Kepler-12 b	<b>2458801.527</b>	13.11 23:23 (58°,W)	<b>14.11. 0:38 (44°,W)</b>	14.11 1:53 (31°,NW)
Kepler-14 b	<b>2458804.557</b>	17.11 0:06 (48°,W)	<b>17.11. 1:21 (34°,W)</b>	17.11 2:36 (21°,NW)
Kepler-15 b	<b>2458807.587</b>	20.11 0:50 (38°,W)	<b>20.11. 2:05 (25°,NW)</b>	20.11 3:19 (13°,NW)

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Kepler-16A b  
Kepler-16B b  
Kepler-17 b  
Kepler-18 d  
Kepler-18 c  
Kepler-19 b  
Kepler-20 d  
Kepler-20 c  
Kepler-4 b  
Kepler-448 b  
Kepler-5 b  
Kepler-6 b  
Kepler-7 b  
Kepler-8 b  
Kepler-9 b  
Kepler-9 c  
KOI 0135 b  
KOI 0196 b  
KOI 0204 b  
KOI 0428 b  
LUPUS-TR3 b  
Mascara-1 b  
Mascara-2 b  
OGLE-TR-10 b  
OGLE-TR-111 b  
OGLE-TR-113 b  
OGLE-TR-132 b  
OGLE-TR-182 b  
OGLE-TR-211 b  
OGLE-TR-56 b  
OGLE-TR-L9 b  
Qatar-1 b  
Qatar-2 b  
Qatar-3 b  
Qatar-4 b  
Qatar-5 b  
TrES-1 b  
TrES-2 b  
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TrES-5 b  
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