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ExoClock Project III: 450 new exoplanet ephemerides from ground and space observations

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ABSTRACT

The ExoClock project has been created with the aim of increasing the efficiency of the Ariel mission. It will achieve this by continuously monitoring and updating the ephemerides of Ariel candidates over an extended period, in order to produce a consistent catalogue of reliable and precise ephemerides. This work presents a homogenous catalogue of updated ephemerides for 450 planets, generated by the integration of ~18000 data points from multiple sources. These sources include observations from ground-based telescopes (ExoClock network and ETD), mid-time values from the literature and light-curves from space telescopes (Kepler/K2 and TESS). With all the above, we manage to collect observations for half of the post-discovery years (median), with data that have a median uncertainty less than one minute. In comparison with literature, the ephemerides generated by the project are more precise and less biased. More than 40% of the initial literature ephemerides had to be updated to reach the goals of the project, as they were either of low precision or drifting. Moreover, the integrated approach of the project enables both the monitoring of the majority of the Ariel candidates (95%), and also the identification of missing data. The dedicated ExoClock network effectively supports this task by contributing additional observations when a gap in the data is identified. These results highlight the need for continuous monitoring to increase the observing coverage of the candidate planets. Finally, the extended observing coverage of planets allows us to detect trends (TTVs - Transit Timing Variations) for a sample of 19 planets. All products, data, and codes used in this work are open and accessible to the wider scientific community.

Keywords: Ephemerides — Photometry — Transits — Amateur astronomers

1. INTRODUCTION

The number of exoplanets discovered already exceeds 5000 and it continues to increase daily. The characterisation of exoplanets will be the main goal for future space missions. The Ariel mission aims to observe the atmospheres of 1000 planets in 2029 in order to investigate their nature (Tinetti et al. 2018). Ariel will observe thousands of transits, and to increase the mission efficiency, it is required to have precise ephemerides. Proper planning is important to avoid wasting the precious observing time of Ariel and other future space missions.

For various reasons, accuracy in predicting transit times is impeded. For example, the uncertainties of the initial ephemerides causes degeneracies over time in the precision of the predicted transit time (e.g. Mallonn et al. 2019b). The insufficient number of available data for each planet is another factor that generates biases in calculating the ephemerides (e.g. Benneke et al. 2017; Mallonn et al. 2019b).

To overcome the above problems and create a complete catalogue of precise ephemerides for a large number of planets, it is essential to use all available resources of data. These resources consist of data from the literature, data obtained by telescopes from the ground and finally data from space telescopes. The ExoClock project (Kokori et al. 2021, 2022) is an open, integrated platform, with the aim of continuously monitoring the ephemerides of the Ariel candidate targets (Edwards & Tinetti 2022). The organisation of the project is described thoroughly in Kokori et al. (2021), and the first large-scale catalogue of updated ephemerides for 180 planets was produced in Kokori et al. (2022), by combining observations from ground-based telescopes and literature.

The benefits of using small, ground-based telescopes to observe transiting exoplanets have been underlined previously (e.g. Zellem et al. 2020; Mallonn et al. 2019b; Edwards et al. 2021a; Beck et al. 2019), and their use for large-scale studies has been proved already in Kokori et al. (2022). While small telescopes are efficient, maximum effectiveness is achieved by utilising all available resources including other ground based networks, data from the literature and also data from space resources. Space telescopes are effective for observing challenging transits not easily accessible from ground telescopes. Moreover, TESS (Ricker et al. 2014) has been scanning the sky since 2019 and will continue to provide light-curves for many known exoplanets, which can be used for ephemerides updates (Ivshina & Winn 2022). Therefore, to produce a complete catalogue of ephemerides for all planets, it is important to use data from both space- and ground-based telescopes.

In this study, we integrated data from the ExoClock network, mid-time points from the literature, data from the Exoplanet Transit Database (Poddaný et al. 2010) and data from space telescopes (Kepler (Koch et al. 2010a), K2 (Howell et al. 2014), and TESS (Ricker et al. 2014)). The integration of ~18000 mid-time points, in total, allowed the generation of a complete analysis of ephemerides for 450 planets. The benefits of this integrated analysis are several: biases are minimised, better precision is achieved and long-term phenomena can be identified for each planet which may be indicative of trends (e.g. TTVs). The integrated design and approach of the ExoClock project highlights where there are gaps in the available data. The ExoClock network of ground-based telescopes can then be directed flexibly to make observations to address such gaps and extend the coverage.

The ExoClock project operates with an Open Science Framework in all the aspects of the research cycle (EU 2016; Dai et al. 2018). Open Science advances the progress of scientific research by encouraging collaborations and reproducibility. During all stages of the scientific process, the project follows open science practices; data, tools and codes used for the analysis are all open and accessible to everyone. All data used in this study are open and publicly available (e.g. data obtained from the ExoClock network, data from space telescopes). Additionally, open science means co-creation of scientific research through collaborations between various scientific communities and also citizen involvement (EU 2016). In this respect, the project is open to contributions from any interested person or community. The collaborative perspective also helps to ensure the most effective use of resources. Such collaborations are important to avoid overlapping and waste of observing time and to a further extent, they foster innovation in science.

2. DATA

In this study, we integrated light-curves from the ExoClock network, the Exoplanet Transit Database, and the MAST Archive (for the Kepler, K2, and TESS space missions), and mid-transit times from the literature to update the ephemerides of 450 exoplanets. All the light-curves were acquired before the end of 2021 and the

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Table 1. Summary of the observations used in this work. As coverage we define the percentage of years (since the first observation in the database) for which at least one observation exists.

	ExoClock	ETD	Kepler	K2	TESS	Literature	**Total**
Data points	2911	184	5763	371	6499	2442	**18170**
Years	2007-2021	2001-2021	2009-2013	2014-2018	2018-2021	2004-2020	**2001-2021**
Planets	302	40	21	49	371	340	**450**
Median $\sigma_{T_{mid}}$	1.3 min	1.7 min	0.5 min	0.6 min	1.1 min	0.6 min	**0.8 min**
Median coverage	20%	18%	29%	17%	20%	17%	**50%**

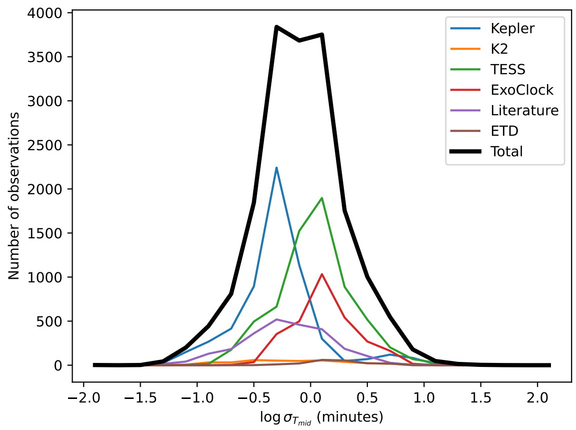

Figure 1. Distribution of transit mid-time uncertainties among the different sources.

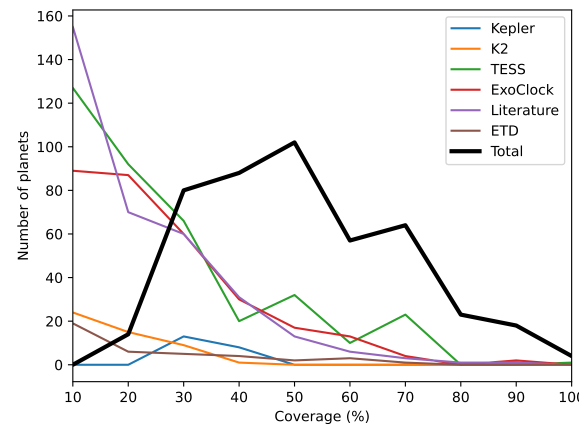

Figure 2. Distribution of coverage among the different sources. As coverage we define the percentage of years (since the first observation in the database) for which at least one observation exists.

literature mid-transit times were published by the end of 2021. We analysed all the light-curves, regardless of their source, using the stellar and planetary parameters included in the Exoplanet Characterisation Catalogue (ECC), a dedicated catalogue prepared and maintained within the ExoClock project (Kokori et al. 2021), and the open-source Python package PyLightcurve (Tsiaras et al. 2016). For every light-curve, PyLightcurve peroforms the following operations::

1. calculates the limb-darkening coefficients using the ExoTETHyS package (Morello et al. 2020) (depending on the filter used for the observation),

2. converts the time formats to Barycentric Julian Date (BJD_{TDB}),

3. finds the maximum-likelihood model for the data (an exposure-integrated transit model together with a trend model – linear with airmass, linear with time, or quadratic) using the Nelder-Mead minimisation algorithm included in the SciPy package (Virtanen et al. 2020),

4. removes outliers that deviate from the maximum-likelihood model by more than three times the standard deviation (STD) of the normalised residuals,

5. scales the uncertainties by the root mean square (RMS) of the normalised residuals, to take into account any extra scatter,

6. and, finally, performs an Markov chain Monte Carlo (MCMC) optimisation process using the emcee package (Foreman-Mackey et al. 2013)

After this analysis, the quality of each light-curve was evaluated individually, and light-curves that fulfilled one or more of the criteria below, were excluded:

1. autocorrelation and shapiro statistic indicate non-gaussian normalised residuals at a 3-σ level or more,

2. transit signal-to-noise ratio ($S/N = Depth/\sigma_{Depth}$) is lower than three,

3. Rp/Rs differs by more than 3σ from the literature value (for the ExoClock and ETD observations), or the weighted average of the mission (for the space observations),

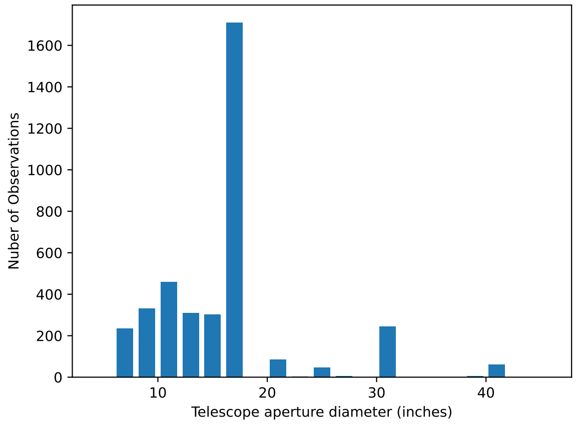

Figure 3. Number of observations received from the ExoClock network, as a function of the telescope size.

4. O-C value is not in agreement (3σ) with other observations obtained during the same observing period (~a month).

The final list of 450 planets includes those planets for which we collected data-points at three or more different epochs and we could determine an ephemeris of better or equal quality to the initial ephemeris. Table 1 summarises the observations used to produce the ephemerides of 450 planets in this work. In addition, Figures 1 and 2 show the distribution of the precision and the coverage of the transit mid-time points used. As coverage we define the percentage of years (since the first observation in the database) for which at least one observation exists. We need to note here that 99% of the observations used have transit mid-time uncertainties lower than 10 minutes, and that the median coverage of all sources combined together is 50%, while individual sources do not reach more than 29%.

2.1. *ExoClock - Summary and quality of data*

Currently, the ExoClock network consists of 540 participants – 80% of whom are amateur astronomers – and 450 telescopes with sizes ranging between 6 and 40 inches – of which 80% are smaller than 17 inches. Figure 3 shows the distribution of the observations used in this work among the different telescope sizes. The large majority of the observations comes from small- and medium-scale telescopes and amateur observers (73%), who are the key part of our network. The ExoClock network is organised in a way to maximise the coverage of the planets and to ensure the high quality and homogeneity of the results. To achieve this, we have defined a prioritisation system, we provide a personal scheduler for each telescope, we support the observers with the data analysis (educational material, a user-friendly software, regular meetings) and, finally, we perform the light curve modelling and evaluation (as described above) on the ExoClock website. For more details on the organisation of the ExoClock project and the ExoClock network, we refer the interested reader to Kokori et al. (2021).

2.2. *Data from space telescopes*

For the first time in the ExoClock project, we integrated light-curves from space telescope observations. More specifically we included light-curves from Kepler, K2 and TESS (before the end of 2021). First, we downloaded the long-cadence light-curves for the targets in the ExoClock target list. Then we identified the transits inside those light-curves and isolated them, including a base-line of one transit duration before and one after the event. Finally, the analysis and evaluation of each light-curve was conducted as described above, using a quadratic de-trending function. As some of the space-based light-curves contained gaps, we only considered those light-curves that were at least 80% complete, both in-transit and out-of-transit – i.e total exposure time more then 0.8 times the transit duration before, during and after the transit.

From the analysis of the space-based light-curves, and especially from the TESS light-curves, it became clear that for a, non-negligible, number of planets, the parameters in the ECC (as derived from the literature) were producing transits of shorter or longer duration than the actual observations. For these planets we let the reduced semi-major axis (a/R_s) vary in order to account for the differences in the duration. The ECC has been updated accordingly and the planets for which the a/R_s was adjusted have been marked. Table 6 includes the adjusted a/R_s values, which are marked with an asterisk. With the exception of Kepler-396c, Kepler-854b, and TOI-201b, which had not value for their inclinations (i) in the discovery papers, we decided to fix i to the literature value, as a/R_s and i are strongly correlated when they are both free parameters. In a future work we plan to provide analysis for both parameters but the scope of this work is to provide a set of parameters that will produce a reliable duration. Between a/R_s and i we decided to let a/R_s free as it is a more flexible for the determination of the duration (only small changes are required, and there is no upper limit like i).

Finally, we need to note here that the modelling of the Kepler light-curves did not produce gaussian residuals. This is most probably due to the fixed limb-darkening coefficients (LDCs) used. However, we decided to not allow the LDCs to vary, in order to keep a homogeneous analysis pattern for all observations.

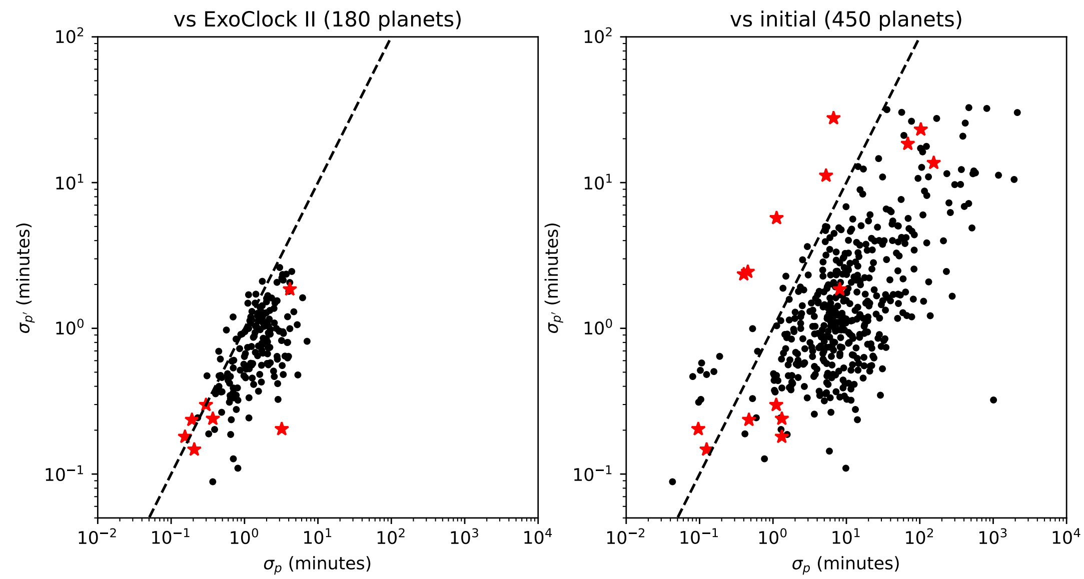

Figure 4. Comparison of the 2029-prediction uncertainties between this work and ExoClock II (left) and the ephemerides used at the beginning of the project (right). With the red star we indicate the planets for which TTV signals have been found. In both panels, the dashed lines are the $\sigma_{p'} = \sigma_p$ lines.

2.3. *Exoplanet Transit Database (ETD)*

The Exoplanet Transit Database (ETD, Poddaný et al. 2010) run by the Czech Astronomical Society since 2009, is currently the largest database of transit follow-up observations with more than 10,000 transit light-curves for more than 350 exoplanetary systems. The collaboration between ExoClock and ETD started in 2020 and is described in Kokori et al. (2022). In this study, we included 184 observations for 40 planets provided by the ETD network. In order to maintain homogeneity and reliability in our analysis, the ETD observations were analysed and evaluated through the ExoClock website using the same methodology and validation criteria as for the ExoClock network data. The collaboration with ETD is critical to avoid duplications and waste of resources. We aim to continue our collaboration and gradually integrate more data from ETD in future publications. Such data can increase the coverage of certain planets during the period before ExoClock observations.

2.4. *Mid-time points from the literature*

As we did not reanalyse the original light-curves we could not apply the same criteria as for the ExoClock, ETD and space light-curves. From the available data we excluded mid-transit time values that referred only to ephemerides, rather than to individual transits (with the exception of the discovery papers). We also excluded mid-transit time values with uncertainties greater than five minutes, and mid-transit time values that originated from Kepler, K2, TESS or ETD, to avoid duplications.

Table 2. Categories of ephemerides in comparison with the previous ExoClock publication and the values at the beginning of the project.

	vs ExoClock II (180 planets)	vs initial (450 planets)
Significantly improved	0.0%	31.8%
Drifting	1.1%	12.9%
Improved	31.7%	41.1%
No change	63.3%	10.0%
TTVs	3.9%	4.2%

3. RESULTS

3.1. *Ephemerides*

Here we present updated ephemerides for 450 out of 570 planets that are currently in the ExoClock target list. To calculate the new ephemerides, we used all the available data from all the sources described in the previous section. First, we calculated an updated zero-epoch point as the weighted average of the available epochs. Then we fitted a line on the epoch vs mid-transit times data using the emcee package (Foreman-Mackey et al. 2013). After a first fit, we scaled-up the uncertainties by the RMS of the normalised residuals to account for excess noise, and performed the fit again. Table 7 provides all the new ephemerides and references to the literature values used.

Figure 4 shows the uncertainties in the 2029-predictions before and after the updates presented in this work (σ_p and $\sigma_{p'}$, respectively), while Table 2 lists five categories of the ephemerides status. "Significantly improved" refers to those ephemerides that were giving 2029-predictions with uncertainties greater than the target uncertainty of $1/12^{\text{th}}$ of the transit duration, D, ($\sigma_p > D/12$) as described in Kokori et al. (2021). The term "drifting" refers to the ephemerides that were giving 2029-predictions that were drifting more than the target uncertainty ($|p - p'| > D/12$). From the remaining ephemerides, the term "Improved" refers to those ephemerides for which the 2029-prediction uncertainties have been improved by more than one minute ($\sigma_{p'} < \sigma_p - 1$), while "No change" refers to those ephemerides for which the 2029-prediction uncertainties have not changed by more than one minute ($|\sigma_{p'} - \sigma_p| < 1$). Finally, in this work we introduce the "TTVs" flag, which refers to ephemerides that deviate from a linear behaviour.

3.2. *Deviations from linear ephemerides*

For all the planets we calculated the Generalised Lomb-Scarge (GLS) periodogram on the linear ephemeris residuals to identify deviations from the linear ephemeris. We concluded that periodograms are more reliable in detecting such deviations, since other diagnostics such as the reduced chi square, the autocorrelation, or gaussianity tests on the residuals, are strongly affected by red noise, discontinuity and low number of data, respectively. This was due to the sparsity of the data and due to red noise in the timing measurements. The TTVs flag was given to those planets with periodograms that had peaks with a False Alarm Probability (FAP) lower than 0.13%. We estimated the FAP for each planet as follows: first, we produced periodograms (Pa) for 100,000 series of white noise with the same sampling, then we produced periodograms (Pb) for 100,000 series where we varied the mid-time data within their uncertainties. Finally, the FAP for each period was defined as the percentage of Pb that had greater power than the 99.87% (3σ) upper limit of the Pa periodograms. Detected periodicities were categorised as short-term or long-term, based on the time span of all available data. Long-term are these periodicities that are close to or longer than the total time span of the data used.

4. DATA RELEASE C

The third data release of the ExoClock project includes two data products: the Catalogue of Observations (ExoClock, ETD, space observations), and the catalogue of ExoClock ephemerides. All data products and their descriptions can be found through the OSF repository with DOI: 10.17605/OSF.IO/P298N.

4.1. *Catalogue of Observations*

Table 3. Distribution characteristics for the ephemerides drifts S/N between this work and the previous ExoClock publication (first column) and between this work and the ephemerides at the beginning of the project (second column). Planets with TTVs have been excluded. In the ideal case of a normal distribution these parameters should be close to the values in the third column.

	vs ExoClock II (180 planets)	vs initial (450 planets)	Normal Distribution
STD	1.50	37.00	1.00
Kurtosis	1.75	262.02	0.00
68 percentile	1.28	1.79	0.995
95 percentile	3.42	5.23	1.959
99 percentile	5.13	25.96	2.576

The Catalogue of Observations contains all the light-curves and literature mid-time points summarised in Table 1. In the online repository, each light-curve is accompanied by:

1. metadata regarding the planet, the source, the observation, the instrument, and the data format;
2. the pre-detrended light curve, filtered for outliers, converted to BJD_{TDB} and flux formats, with scaled uncertainties;
3. the fitting results, including the de-trending method used and its parameters;
4. the de-trended light curve, enhanced with the de-trending model, the transit model and the residuals;
5. fitting diagnostics on the residuals.

4.2. *Catalogue of ExoClock Ephemerides*

The new catalogue of ExoClock ephemerides contains the updated ephemerides for the 450 planets studied in this work (see also Table 7), accompanied by metadata regarding the planet, and flags concerning the detection of TTVs.

5. DISCUSSION

5.1. *Follow-up efficiency*

From the comparison between the ephemerides in ExoClock II and this work, we conclude that biases in the ephemerides produced by ExoClock are decreasing. This is based on the fact that the number of significantly improved or drifting ephemerides is very small (Table 2, left column). Moreover, the drifts found between ExoClock II and this study are closer to a normal distribution as seen in Table 3, first column. These values highlight the reliability of the produced ephemerides and support the view that the ExoClock project is working effectively towards achieving its goal.

5.2. *Need for continuous monitoring*

As indicated in Table 2 (second column), approximately 45% of the initial ephemerides have large uncertainties or drifts (categories "significantly improved" and "drifting"). This is similar to the percentage reported in ExoClock II, indicating that a significant number of ephemerides derived in discovery papers (including TESS discoveries) needs to be corrected to be appropriate for the efficient planning of Ariel. Moreover, as shown in Tables 2 and 3 (first columns), while ExoClock ephemerides have reduced biases, they are not completely bias-free. Our sample of 180 planets in ExoClock II is not large enough to determine the coverage needed to produce completely bias-free ephemerides, but we can see that coverages of 60% or more are necessary to avoid unexpected drifts larger than five minutes in our 2029-predictions. Finally, as discussed in the previous section, some planets show long-term trends. Such trends can only be identified when coverage is close to 100%. For all these reasons, the effort of follow-up observations is important and continuous monitoring is essential.

The most important factor to increase coverage is to continue integrating all available resources and prioritise accordingly the follow-up observations.

5.3. *Follow-up capabilities*

From the large number of observations obtained so far by the ExoClock network and with the TESS light-curves analysed in this study, we can estimate more precisely the capabilities of these resources and plan efficiently for the future. In appendices C and D we provide detailed calculation of the signal-to-noise calibration that we performed on both ExoClock and TESS data to produce the equations below.

The minimum telescope aperture diameter (in inches) necessary to observe a planet with the ExoClock network (D_{min}) is given by:

$$D_{min} = \frac{0.135 + 10^{-2.99+0.2R}}{5.1d} \sqrt{\frac{7200 + t_{14}}{900\pi t_{14}}} \quad (1)$$

where R is the magnitude of the host star in the R Cousins filter, d is the relative transit depth, and t_{14} is the total duration of the transit in seconds.

By placing an upper limit of 40 inches aperture on the ExoClock network, we estimate that we can follow-up 88% of the currently known Ariel candidates. Figure 5 shows the distribution of available planets per magnitude and telescope size, where we can see that even with telescopes up to 16 inches, 75% of the targets can be observed.

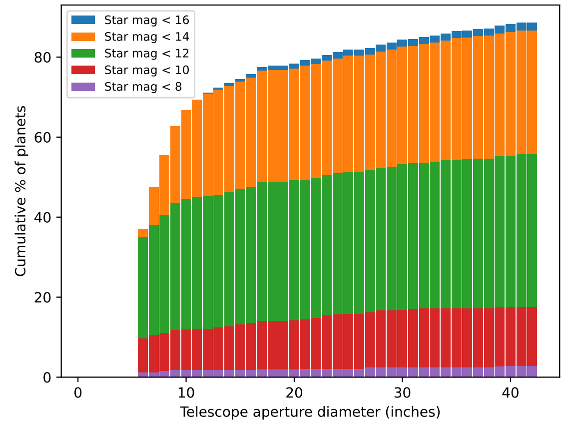

Figure 5. Distribution of available planets per magnitude and telescope aperture diameter.

For TESS observations, the transit S/N that can be achieved is given :

$$S/N^{TESS}_{transit} = \frac{0.65d\sqrt{t_{14}/90} \times 10^3}{0.135 + 10^{-2.43+0.2G_{RP}+0.0039G^2_{RP}}} \quad (2)$$

where G_{RP} is the magnitude of the host star in the GAIA Rp filter, d is the relative transit depth, and t_{14} is the total duration of the transit in seconds.

By placing a lower limit of S/N = 3 on the TESS observations, we estimate that we can follow-up 90% of the currently known Ariel candidates. By combining the two resources we can reach up to 95% of the candidates. For the remaining targets we plan to use other facilities such as CHEOPS (Benz et al. 2021) and Twinkle (Edwards et al. 2019), or combined multiple ground-based observations.

With this calibration of our ground-based network and TESS, we are in a good position to achieve the most productive use of both resources. We can avoid wasting valuable space telescope time – from facilities like CHEOPS or Twinkle – on following-up targets that can be monitored efficiently from the ground, whilst at the same time we can readily identify the most difficult targets that will definitely require observations from space.

5.4. *TTVs signals*

Our analysis revealed 19 planets with statistically significant signals in the residuals of their linear ephemeris fit (Table 4). Eleven of these planets – namely HD106315c, HD108236b, K2-19b, KOI-94c, KOI-94d, KOI-94e, Kepler-18d, Kepler-396c, TOI-216.01, TOI-

Table 4. Planets identified with deviations from a linear ephemeris. Long-term refers to variations with periodicities that are close to or longer than the total time span of the data used. In brackets we indicate the peak periodicity in epochs (E), while the "multiple" label refers to cases were more than one periodicities are significant.

Planet	Short-term	Long-term	Datapoints
HAT-P-7b	No	Yes (2243.1 E)	652
HD106315c	Yes (multiple)	Yes (multiple)	8
HD108236b	Yes (multiple)	Yes (multiple)	9
K2-19b	Yes (multiple)	Yes (multiple)	16
KOI-12b	Yes (71.3 E)	No	73
KOI-94c	Yes (15.0 E)	No	54
KOI-94d	Yes (13.0 E)	No	25
KOI-94e	Yes (7.4 E)	Yes (38.0 E)	8
Kepler-18d	Yes (17.6 E)	No	82
Kepler-396c	Yes (multiple)	Yes (44.8 E)	14
Qatar-1b	Yes (327.0 E)	No	265
TOI-216.01	Yes (14.4 E)	Yes (50.2 E)	15
TOI-216.02	Yes (35.1 E)	Yes (111.0 E)	26
TOI-431b	Yes (multiple)	No	21
TrES-3b	Yes (multiple)	Yes (4138.1 E)	231
WASP-4b	Yes (multiple)	No	111
WASP-12b	Yes (multiple)	Yes (5173.5 E)	308
WASP-19b	Yes (multiple)	Yes (4465.2 E)	119
WASP-56b	Yes (multiple)	No	25

216.02, TOI-431b – have one or more additional transiting planets in their planetary systems. Hence, it is no surprise that they show TTVs, due to interaction with other planets in the systems. It is beyond the scope of this work to study the dynamics of these systems, but we are flagging them in the ExoClock project, so that observers will continue monitoring them and help with future dynamic analysis. For the remaining eight planets we investigated the different scenarios below. In addition to the periodogramms for the residuals of the linear ephemeris fit, we also applied a quadratic ephemeris fit and studied the periodogramms of these residuals, too (Figure 6).

HAT-P-7b—An attempt to detect a third body in the system, either an additional planet or companion star, has been made using radial velocity data over a two-year span of observations. Analysis from radial velocity data suggest the presence of a companion star but the results were controversial (Winn et al. 2009a). A possible detection of another Saturn-sized planet in the system was also suggested by Ballard et al. (2011), however, the significance for the detection was low.

Our results show a significant signal for a long-term periodicity of approximately 2243 epochs, or 4950 days, which is close to, but still lower than, the total time span of the data used. Moreover, we found a significant quadratic term of $6.95 \pm 0.52 \times 10^{-10}$, and after removing it, the long-term periodicity disappeared. The above results suggest that the signal is not periodic yet, but it has a positive curvature at the moment. This means that the planet is not decaying, leaving the possibilities of a third-body or orbital precession still open.

KOI-12b—Masuda (2017) suggested the presence of a second planet based on the same data (Kepler).

Our results indicate a few significant short-term periodicities between approximately 20 and 200 epochs. Moreover, we found a non-significant quadratic term of $-2.49 \pm 0.97 \times 10^{-7}$, and after removing it, the signals from the short-term periodicities remain strong. From the above we cannot reach a clear conclusion because the multiple short-term periodicities could be caused by stellar activity. More data are required to narrow down the possible scenarios.

Qatar-1b—The first TTVs analysis for the Qatar-1 system was carried out by von Essen et al. (2013). The authors claimed that there are possible TTVs on Qatar-1b either due to a weak pertubator in resonance with Qatar-1b or due to a massive body similar to a brown dwarf. The follow-up TTVs studies by Maciejewski et al. (2015) and Collins et al. (2017) did not detect any signal of an additional planet in the system, while Püsküllü et al. (2017) found weak evidence of TTVs. It was also reported by Covino et al. (2013) that the orbital period of the planet in the Qatar-1 system is much shorter than the rotation period of the star, so tides produce a decay of the orbit. The most recent analysis, by Su et al. (2021) concluded that no TTV frequencies are identified.

Our data cover a time span that is double compared to previous studies and our results indicate a statistically significant short-term periodicity at approximately 327 epochs or 465 days. Moreover, we found a non-significant quadratic term of $1.13 \pm 0.72 \times 10^{-10}$, and after removing it, the short-term periodicity was not affected. The above suggest that the signal is periodic, and in combination with the low eccentricity of the planet, this means that a pertubator scenario is favoured.

TrES-3b—So far, studies have concluded that there is no evidence for TTVs for Tres-3b (Kundurthy et al. 2013; Püsküllü et al. 2017). Christiansen et al. (2011) mentioned that a long term variability in the light curve of Tres-3b may be due to star spots. Additionally, the lack of periodic TTVs implies that another planetary body is absent, according to the study by Mannaday et al. (2020). Finally, precession can be ruled out due to the very low value of eccentricity, whereas the possibility of slow orbital decay cannot (Mannaday et al. 2020).

Our results show multiple significant short-term periodicities, as well as one prominent long-term periodicity at approximately 4138 epochs or 5400 days. The long-term signal is longer than the total time span of the data. Moreover, we found a significant quadratic term of $-1.68 \pm 0.34 \times 10^{-10}$, and after removing it, both the short-term and the long-term periodicities disappeared. The above suggest that the signal is not periodic yet, with a negative curvature at the moment. In combination with the low eccentricity of the planet this means that orbital decay scenario is favoured.

WASP-4b—From the initial observations of WASP-4b it was assumed that TTVs might be present (Wilson et al. 2008). However, a follow-up study by Petrucci et al. (2013) concluded that the system does not show significant TTV trends. Baluev et al. (2015) proposed that TTVs probably exist in the WASP-4 system with a magnitude of 10-20 seconds and an unknown nature. Additionally, a significant quadratic termm in the O-C diagram was reported in the study by Bouma et al. (2019) with the most probable explanation being the planets' orbital decay. Southworth et al. (2019) stated that TTV variations have a smaller magnitude than previously detected, and orbital decay or a third body in the system are both problematic hypotheses. More recently, it was suggested that the line of sight acceleration is the most probable reason for the TTVs (Bouma et al. 2020a). Finally, Baluev et al. (2020) confirmed the existence of quadratic TTVs in the system but without making a new proposal for the origins.

We found a significant quadratic term of $-1.29\pm0.22\times 10^{-10}$ although a long-term periodicity is not shown. In addition, the short-term periodicities disappeared after removing the quadratic term. The above suggest that timing data alone do not provide any indication towards an interpretation. To further investigate this behaviour, other type of data or a longer time span are required.

WASP-12b—WASP-12b is one of the very first exoplanets with a verified non-linear ephemeris due to orbital decay (Maciejewski et al. 2016a). It is also possible that the planet undergoes apsidal precession as the data indicate that the orbit might be slightly eccentric (Yee et al. 2020). According to (Weinberg et al. 2017) the measured rate of the orbital decay would be reasonable only if WASP-12b was a subgiant that experiences evolutionary changes that cause a rapid orbital decay to the planet. TTVs that were reported later support this idea but additional data are needed to confirm this (Maciejewski et al. 2018). More recent data concluded that the orbit is decaying with occultation times occurring about four minutes earlier after 10 years (Yee et al. 2020). WASP-12b is likely to be engulfed by its host star several million years from now (Yee et al. 2020).

Our results show multiple significant short-term periodicities, as well as one prominent long-term periodicity at approximately 5173 epochs or 5650 days. The long-term signal is longer than the total time span of the data. Moreover, we found a significant quadratic term of $-5.24 \pm 0.17 \times 10^{-10}$, and after removing it, both the short-term and the long-term periodicities disappeared. The above suggest that the signal is not periodic yet, with a negative curvature at the moment. In combination with the low eccentricity of the planet this means that orbital decay scenario is favoured.

WASP-19b—A non-linear ephemeris was reported previously (Mancini et al. 2013a; Espinoza et al. 2019a). Petrucci et al. (2020) conducted the first empirical study of orbital decay by using 74 complete transit light curves covering a 10 yr period. Their results did not show any sign of orbital decay or periodic variations that could indicate the existence of additional bodies.

Our results show multiple significant short-term periodicities, as well as one prominent long-term periodicity at approximately 4465 epochs or 3520 days. The long-term signal is longer then the total time span of the data. Moreover, we found a significant quadratic term of $-0.87 \pm 0.13 \times 10^{-10}$, and after removing it, the majority of the short-term periodicities and the long-term periodicity disappeared. The above suggest that the signal is not periodic yet, with a negative curvature at the moment. In combination with the low eccentricity of the planet this means that orbital decay scenario is favoured.

WASP-56b—A search for TTVs in the WASP-56 system was carried out recently in a study by (Wang et al. 2021), but statistically significant trends (at levels of 3σ) were not found.

Our results indicate a few significant short-term periodicities between approximately 10 and 100 epochs. Moreover, we found a non-significant quadratic term of $-2.09 \pm 0.82 \times 10^{-8}$, and after removing it, the signals from short-term periodicities above 50 epochs became stronger. From the above we cannot reach a clear conclusion as the multiple short-term periodicities could be caused by stellar activity. With more data in the future we will be able to narrow down the possible scenarios.

6. CONCLUSION

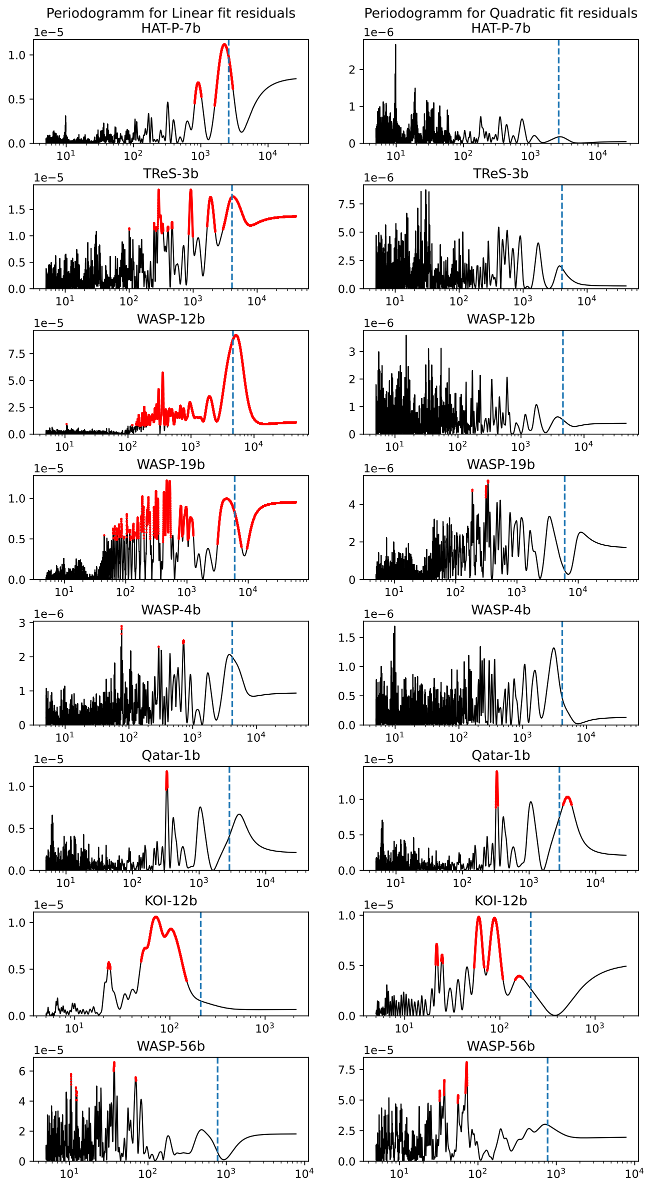

Figure 6. Periodogramms for the fitting residuals (linear and quadratic) for the eight planets with TTVs but without transiting companions. The red parts indicate periods with FAP lower than 0.13% and the vertical line indicates the total time span of the data used.

In this study, we present a homogeneous analysis for the ephemerides of 450 planets which are currently known candidates for the Ariel mission. The ephemerides resulted from the integration of data from the ExoClock network, mid-time points from the literature, data from the ETD and data from space telescopes (Kepler, K2, and TESS missions).

The results showed that the ephemerides produced by the ExoClock project are less biased and hence more reliable for future predictions compared to the initial ephemerides reported in the literature, while continuous monitoring is necessary, as 40% of the initial ephemerides for new planets need refinement to achieve the goals of the project. The integrated approach of the project allows us to monitor up to 95% of the Ariel candidates, while identifying missing data and prioritising observations for specific targets. The ExoClock network facilitates effectively the effort of obtaining such high-priority observations, while more difficult targets can be requested to be observed by other space telescopes like CHEOPS and Twinkle.

The ExoClock project, after three years of continuous operation, development, and interaction between several communities of academics and non-academics, has became a sustainable platform for providing reliable ephemerides for the Ariel candidate planets. A dynamic evolution of the project is being achieved; new ideas can be implemented with the focus on more specific targets that show special interest (as the ones flagged for TTVs). We plan to continue operating ExoClock within the framework of Open Science with the twofold objective of monitoring the ephemerides and fostering the democratisation of science.

SOFTWARE AND DATA

Software used: Django, PyLightcurve (Tsiaras et al. 2016), ExoTETHyS (Morello et al. 2020), Astropy (Astropy Collaboration et al. 2013), emcee (Foreman-Mackey et al. 2013), Matplotlib (Hunter 2007), Numpy (Harris et al. 2020), SciPy (Virtanen et al. 2020).

All the data products and their descriptions can found through the OSF repository with DOI: 110.17605/OSF.IO/P298N.

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REFERENCES

Addison, B., Wright, D. J., Wittenmyer, R. A., et al. 2019, PASP, 131, 115003, doi: 10.1088/1538-3873/ab03aa

Addison, B. C., Tinney, C. G., Wright, D. J., & Bayliss, D. 2014, ApJ, 792, 112, doi: 10.1088/0004-637X/792/2/112

—. 2016, ApJ, 823, 29, doi: 10.3847/0004-637X/823/1/29

Addison, B. C., Wright, D. J., Nicholson, B. A., et al. 2021, MNRAS, 502, 3704, doi: 10.1093/mnras/staa3960

Agol, E., Cowan, N. B., Knutson, H. A., et al. 2010, ApJ, 721, 1861, doi: 10.1088/0004-637X/721/2/1861

Alderson, L., Kirk, J., López-Morales, M., et al. 2020, MNRAS, 497, 5182, doi: 10.1093/mnras/staa2315

Alexoudi, X., Mallonn, M., von Essen, C., et al. 2018, A&A, 620, A142, doi: 10.1051/0004-6361/201833691

Almenara, J. M., Damiani, C., Bouchy, F., et al. 2015, A&A, 575, A71, doi: 10.1051/0004-6361/201424291

Alonso, R., Barbieri, M., Rabus, M., et al. 2008a, A&A, 487, L5, doi: 10.1051/0004-6361:200810007

Alonso, R., Brown, T. M., Torres, G., et al. 2004, ApJL, 613, L153, doi: 10.1086/425256

Alonso, R., Auvergne, M., Baglin, A., et al. 2008b, A&A, 482, L21, doi: 10.1051/0004-6361:200809431

Alsubai, K., Mislis, D., Tsvetanov, Z. I., et al. 2017, AJ, 153, 200, doi: 10.3847/1538-3881/aa6340

Alsubai, K., Tsvetanov, Z. I., Pyrzas, S., et al. 2019a, AJ, 157, 224, doi: 10.3847/1538-3881/ab19bc

Alsubai, K., Tsvetanov, Z. I., Latham, D. W., et al. 2019b, AJ, 157, 74, doi: 10.3847/1538-3881/aaf80a

Alsubai, K. A., Parley, N. R., Bramich, D. M., et al. 2011, MNRAS, 417, 709, doi: 10.1111/j.1365-2966.2011.19316.x

Anderson, D. R., Gillon, M., Hellier, C., et al. 2008, MNRAS, 387, L4, doi: 10.1111/j.1745-3933.2008.00465.x

Anderson, D. R., Hellier, C., Gillon, M., et al. 2010, ApJ, 709, 159, doi: 10.1088/0004-637X/709/1/159

Anderson, D. R., Collier Cameron, A., Hellier, C., et al. 2011a, A&A, 531, A60, doi: 10.1051/0004-6361/201016208

Anderson, D. R., Barros, S. C. C., Boisse, I., et al. 2011b, PASP, 123, 555, doi: 10.1086/660135

Anderson, D. R., Collier Cameron, A., Gillon, M., et al. 2012, MNRAS, 422, 1988, doi: 10.1111/j.1365-2966.2012.20635.x

Anderson, D. R., Collier Cameron, A., Delrez, L., et al. 2014a, MNRAS, 445, 1114, doi: 10.1093/mnras/stu1737

Anderson, D. R., Brown, D. J. A., Collier Cameron, A., et al. 2014b, arXiv e-prints, arXiv:1410.3449. https://arxiv.org/abs/1410.3449

Anderson, D. R., Collier Cameron, A., Hellier, C., et al. 2015a, A&A, 575, A61, doi: 10.1051/0004-6361/201423591

Anderson, D. R., Triaud, A. H. M. J., Turner, O. D., et al. 2015b, ApJL, 800, L9, doi: 10.1088/2041-8205/800/1/L9

Anderson, D. R., Collier Cameron, A., Delrez, L., et al. 2017, A&A, 604, A110, doi: 10.1051/0004-6361/201730439

Anisman, L. O., Edwards, B., Changeat, Q., et al. 2020, AJ, 160, 233, doi: 10.3847/1538-3881/abb9b0

Astropy Collaboration, Robitaille, T. P., Tollerud, E. J., et al. 2013, A&A, 558, A33, doi: 10.1051/0004-6361/201322068

Baştürk, Ö., Yalçınkaya, S., Esmer, E. M., et al. 2020, MNRAS, 496, 4174, doi: 10.1093/mnras/staa1758

Badenas-Agusti, M., Günther, M. N., Daylan, T., et al. 2020, AJ, 160, 113, doi: 10.3847/1538-3881/aba0b5

Bakos, G. Á., Kovács, G., Torres, G., et al. 2007a, ApJ, 670, 826, doi: 10.1086/521866

Bakos, G. Á., Shporer, A., Pál, A., et al. 2007b, ApJL, 671, L173, doi: 10.1086/525022

Bakos, G. Á., Howard, A. W., Noyes, R. W., et al. 2009, ApJ, 707, 446, doi: 10.1088/0004-637X/707/1/446

Bakos, G. Á., Torres, G., Pál, A., et al. 2010, ApJ, 710, 1724, doi: 10.1088/0004-637X/710/2/1724

Bakos, G. Á., Hartman, J., Torres, G., et al. 2011, ApJ, 742, 116, doi: 10.1088/0004-637X/742/2/116

Bakos, G. Á., Hartman, J. D., Torres, G., et al. 2012, AJ, 144, 19, doi: 10.1088/0004-6256/144/1/19

Bakos, G. Á., Hartman, J. D., Bhatti, W., et al. 2015a, AJ, 149, 149, doi: 10.1088/0004-6256/149/4/149

Bakos, G. Á., Penev, K., Bayliss, D., et al. 2015b, ApJ, 813, 111, doi: 10.1088/0004-637X/813/2/111

Bakos, G. Á., Hartman, J. D., Bhatti, W., et al. 2021, AJ, 162, 7, doi: 10.3847/1538-3881/abf637

Ballard, S., Christiansen, J. L., Charbonneau, D., et al. 2011, ApJ, 732, 41, doi: 10.1088/0004-637X/732/1/41

Baluev, R. V., Sokov, E. N., Shaidulin, V. S., et al. 2015, MNRAS, 450, 3101, doi: 10.1093/mnras/stv788

Baluev, R. V., Sokov, E. N., Hoyer, S., et al. 2020, MNRAS, 496, L11, doi: 10.1093/mnrasl/slaa069

Barbieri, M., Alonso, R., Desidera, S., et al. 2009, A&A, 503, 601, doi: 10.1051/0004-6361/200811466

Barkaoui, K., Burdanov, A., Hellier, C., et al. 2019, AJ, 157, 43, doi: 10.3847/1538-3881/aaf422

Barros, S. C. C., Boué, G., Gibson, N. P., et al. 2013, MNRAS, 430, 3032, doi: 10.1093/mnras/stt111

Barros, S. C. C., Pollacco, D. L., Gibson, N. P., et al. 2012, MNRAS, 419, 1248, doi: 10.1111/j.1365-2966.2011.19784.x

Barros, S. C. C., Faedi, F., Collier Cameron, A., et al. 2011, A&A, 525, A54, doi: 10.1051/0004-6361/201015800

Barros, S. C. C., Brown, D. J. A., Hébrard, G., et al. 2016, A&A, 593, A113, doi: 10.1051/0004-6361/201526517

Barstow, J. K., Aigrain, S., Irwin, P. G. J., & Sing, D. K. 2017, ApJ, 834, 50, doi: 10.3847/1538-4357/834/1/50

Bayliss, D., Zhou, G., Penev, K., et al. 2013, AJ, 146, 113, doi: 10.1088/0004-6256/146/5/113

Bayliss, D., Hartman, J. D., Zhou, G., et al. 2018a, AJ, 155, 119, doi: 10.3847/1538-3881/aaa8e6

Bayliss, D., Gillen, E., Eigmüller, P., et al. 2018b, MNRAS, 475, 4467, doi: 10.1093/mnras/stx2778

Bean, J. L., Désert, J.-M., Seifahrt, A., et al. 2013, ApJ, 771, 108, doi: 10.1088/0004-637X/771/2/108

Bean, J. L., & Seifahrt, A. 2008, A&A, 487, L25, doi: 10.1051/0004-6361:200810278

Beatty, T. G., Madhusudhan, N., Pogge, R., et al. 2017a, AJ, 154, 242, doi: 10.3847/1538-3881/aa94cf

Beatty, T. G., Marley, M. S., Gaudi, B. S., et al. 2019, AJ, 158, 166, doi: 10.3847/1538-3881/ab33fc

Beatty, T. G., Pepper, J., Siverd, R. J., et al. 2012, ApJL, 756, L39, doi: 10.1088/2041-8205/756/2/L39

Beatty, T. G., Collins, K. A., Fortney, J., et al. 2014, ApJ, 783, 112, doi: 10.1088/0004-637X/783/2/112

Beatty, T. G., Stevens, D. J., Collins, K. A., et al. 2017b, AJ, 154, 25, doi: 10.3847/1538-3881/aa7511

Beatty, T. G., Wong, I., Fetherolf, T., et al. 2020, AJ, 160, 211, doi: 10.3847/1538-3881/abb5aa

Beaulieu, J. P., Tinetti, G., Kipping, D. M., et al. 2011, ApJ, 731, 16, doi: 10.1088/0004-637X/731/1/16

Beck, P., Robson, L., Gallaway, M., Jones, H. R. A., & Campbell, D. 2019, PASP, 131, 084402, doi: 10.1088/1538-3873/ab1eb4

Becker, A. C., Kundurthy, P., Agol, E., et al. 2013, ApJL, 764, L17, doi: 10.1088/2041-8205/764/1/L17

Béky, B., Bakos, G. Á., Hartman, J., et al. 2011, ApJ, 734, 109, doi: 10.1088/0004-637X/734/2/109

Bell, T. J., Dang, L., Cowan, N. B., et al. 2021, MNRAS, 504, 3316, doi: 10.1093/mnras/stab1027

Benneke, B., Werner, M., Petigura, E., et al. 2017, ApJ, 834, 187, doi: 10.3847/1538-4357/834/2/187

Bento, J., Schmidt, B., Hartman, J. D., et al. 2017, MNRAS, 468, 835, doi: 10.1093/mnras/stx500

Bento, J., Hartman, J. D., Bakos, G. Á., et al. 2018, MNRAS, 477, 3406, doi: 10.1093/mnras/sty726

Benz, W., Broeg, C., Fortier, A., et al. 2021, Experimental Astronomy, 51, 109, doi: 10.1007/s10686-020-09679-4

Berta, Z. K., Charbonneau, D., Bean, J., et al. 2011, ApJ, 736, 12, doi: 10.1088/0004-637X/736/1/12

Berta, Z. K., Charbonneau, D., Désert, J.-M., et al. 2012, ApJ, 747, 35, doi: 10.1088/0004-637X/747/1/35

Berta-Thompson, Z. K., Irwin, J., Charbonneau, D., et al. 2015, Nature, 527, 204, doi: 10.1038/nature15762

Biddle, L. I., Pearson, K. A., Crossfield, I. J. M., et al. 2014, MNRAS, 443, 1810, doi: 10.1093/mnras/stu1199

Bieryla, A., Hartman, J. D., Bakos, G. Á., et al. 2014, AJ, 147, 84, doi: 10.1088/0004-6256/147/4/84

Bieryla, A., Collins, K., Beatty, T. G., et al. 2015, AJ, 150, 12, doi: 10.1088/0004-6256/150/1/12

Blecic, J., Harrington, J., Madhusudhan, N., et al. 2013, ApJ, 779, 5, doi: 10.1088/0004-637X/779/1/5

Boisse, I., Hartman, J. D., Bakos, G. Á., et al. 2013, A&A, 558, A86, doi: 10.1051/0004-6361/201220993

Bonfanti, A., Delrez, L., Hooton, M. J., et al. 2021, A&A, 646, A157, doi: 10.1051/0004-6361/202039608

Bonfils, X., Gillon, M., Udry, S., et al. 2012, A&A, 546, A27, doi: 10.1051/0004-6361/201219623

Borucki, W. J., Koch, D. G., Basri, G., et al. 2011, ApJ, 736, 19, doi: 10.1088/0004-637X/736/1/19

Bouchy, F., Hebb, L., Skillen, I., et al. 2010, A&A, 519, A98, doi: 10.1051/0004-6361/201014817

Bouma, L. G., Winn, J. N., Howard, A. W., et al. 2020a, ApJL, 893, L29, doi: 10.3847/2041-8213/ab8563

Bouma, L. G., Winn, J. N., Baxter, C., et al. 2019, AJ, 157, 217, doi: 10.3847/1538-3881/ab189f

Bouma, L. G., Hartman, J. D., Brahm, R., et al. 2020b, AJ, 160, 239, doi: 10.3847/1538-3881/abb9ab

Bourrier, V., Lecavelier des Etangs, A., Hébrard, G., et al. 2015, A&A, 579, A55, doi: 10.1051/0004-6361/201525750

Bourrier, V., Kitzmann, D., Kuntzer, T., et al. 2020, A&A, 637, A36, doi: 10.1051/0004-6361/201936647

Brahm, R., Jordán, A., Hartman, J. D., et al. 2015, AJ, 150, 33, doi: 10.1088/0004-6256/150/1/33

Brahm, R., Jordán, A., Bakos, G. Á., et al. 2016a, AJ, 151, 89, doi: 10.3847/0004-6256/151/4/89

Brahm, R., Jones, M., Espinoza, N., et al. 2016b, PASP, 128, 124402, doi: 10.1088/1538-3873/128/970/124402

Brahm, R., Hartman, J. D., Jordán, A., et al. 2018a, AJ, 155, 112, doi: 10.3847/1538-3881/aaa898

Brahm, R., Espinoza, N., Jordán, A., et al. 2018b, MNRAS, 477, 2572, doi: 10.1093/mnras/sty795

Brahm, R., Nielsen, L. D., Wittenmyer, R. A., et al. 2020, AJ, 160, 235, doi: 10.3847/1538-3881/abba3b

Brown, D. J. A., Anderson, D. R., Doyle, A. P., et al. 2014, arXiv e-prints, arXiv:1412.7761. https://arxiv.org/abs/1412.7761

Brown, D. J. A., Triaud, A. H. M. J., Doyle, A. P., et al. 2017, MNRAS, 464, 810, doi: 10.1093/mnras/stw2316

Bruno, G., Lewis, N. K., Stevenson, K. B., et al. 2018a, AJ, 155, 55, doi: 10.3847/1538-3881/aaa0c7

—. 2018b, AJ, 156, 124, doi: 10.3847/1538-3881/aac6db

Bryan, M. L., Alsubai, K. A., Latham, D. W., et al. 2012, ApJ, 750, 84, doi: 10.1088/0004-637X/750/1/84

Buchhave, L. A., Bakos, G. Á., Hartman, J. D., et al. 2010, ApJ, 720, 1118, doi: 10.1088/0004-637X/720/2/1118

—. 2011, ApJ, 733, 116, doi: 10.1088/0004-637X/733/2/116

Burdanov, A., Benni, P., Sokov, E., et al. 2018, PASP, 130, 074401, doi: 10.1088/1538-3873/aabde2

Burke, C. J., McCullough, P. R., Valenti, J. A., et al. 2007, ApJ, 671, 2115, doi: 10.1086/523087

—. 2008, ApJ, 686, 1331, doi: 10.1086/591497

Burke, C. J., McCullough, P. R., Bergeron, L. E., et al. 2010, ApJ, 719, 1796, doi: 10.1088/0004-637X/719/2/1796

Burt, J. A., Nielsen, L. D., Quinn, S. N., et al. 2020, AJ, 160, 153, doi: 10.3847/1538-3881/abac0c

Cañas, C. I., Stefansson, G., Monson, A. J., et al. 2019, ApJL, 877, L29, doi: 10.3847/2041-8213/ab21c0

Cabot, S. H. C., Bello-Arufe, A., Mendonça, J. M., et al. 2021, AJ, 162, 218, doi: 10.3847/1538-3881/ac1ba3

Cáceres, C., Ivanov, V. D., Minniti, D., et al. 2009, A&A, 507, 481, doi: 10.1051/0004-6361/200810908

Cáceres, C., Kabath, P., Hoyer, S., et al. 2014, A&A, 565, A7, doi: 10.1051/0004-6361/201321087

Carleo, I., Gandolfi, D., Barragán, O., et al. 2020, AJ, 160, 114, doi: 10.3847/1538-3881/aba124

Carter, J. A., Winn, J. N., Gilliland, R., & Holman, M. J. 2009, ApJ, 696, 241, doi: 10.1088/0004-637X/696/1/241

Casasayas-Barris, N., Pallé, E., Yan, F., et al. 2019, A&A, 628, A9, doi: 10.1051/0004-6361/201935623

Chakraborty, A., Roy, A., Sharma, R., et al. 2018, AJ, 156, 3, doi: 10.3847/1538-3881/aac436

Chan, T., Ingemyr, M., Winn, J. N., et al. 2011, AJ, 141, 179, doi: 10.1088/0004-6256/141/6/179

Changeat, Q., Edwards, B., Al-Refaie, A. F., et al. 2020, AJ, 160, 260, doi: 10.3847/1538-3881/abbe12

Charbonneau, D., Winn, J. N., Everett, M. E., et al. 2007, ApJ, 658, 1322, doi: 10.1086/512008

Charbonneau, D., Winn, J. N., Latham, D. W., et al. 2006, ApJ, 636, 445, doi: 10.1086/497959

Charbonneau, D., Berta, Z. K., Irwin, J., et al. 2009, Nature, 462, 891, doi: 10.1038/nature08679

Chavero, C., de La Reza, R., Domingos, R. C., et al. 2010, A&A, 517, A40, doi: 10.1051/0004-6361/200912184

Chen, G., Casasayas-Barris, N., Pallé, E., et al. 2020, A&A, 642, A54, doi: 10.1051/0004-6361/202038661

Chen, G., Pallé, E., Nortmann, L., et al. 2017, A&A, 600, L11, doi: 10.1051/0004-6361/201730736

Chen, G., Pallé, E., Parviainen, H., Murgas, F., & Yan, F. 2021, ApJL, 913, L16, doi: 10.3847/2041-8213/abfbe1
Chen, G., van Boekel, R., Wang, H., et al. 2014, A&A, 563, A40, doi: 10.1051/0004-6361/201322740
Chen, G., Pallé, E., Welbanks, L., et al. 2018, A&A, 616, A145, doi: 10.1051/0004-6361/201833033
Christian, D. J., Gibson, N. P., Simpson, E. K., et al. 2009, MNRAS, 392, 1585, doi: 10.1111/j.1365-2966.2008.14164.x
Christiansen, J. L., Ballard, S., Charbonneau, D., et al. 2010, ApJ, 710, 97, doi: 10.1088/0004-637X/710/1/97
—. 2011, ApJ, 726, 94, doi: 10.1088/0004-637X/726/2/94
Ciardi, D. R., Crossfield, I. J. M., Feinstein, A. D., et al. 2018, AJ, 155, 10, doi: 10.3847/1538-3881/aa9921
Ciceri, S., Mancini, L., Southworth, J., et al. 2013, A&A, 557, A30, doi: 10.1051/0004-6361/201321669
—. 2015, A&A, 577, A54, doi: 10.1051/0004-6361/201425449
—. 2016, MNRAS, 456, 990, doi: 10.1093/mnras/stv2698
Cloutier, R., Eastman, J. D., Rodriguez, J. E., et al. 2020, AJ, 160, 3, doi: 10.3847/1538-3881/ab91c2
Cochran, W. D., Fabrycky, D. C., Torres, G., et al. 2011, ApJS, 197, 7, doi: 10.1088/0067-0049/197/1/7
Cointepas, M., Almenara, J. M., Bonfils, X., et al. 2021, A&A, 650, A145, doi: 10.1051/0004-6361/202140328
Collier Cameron, A., Bouchy, F., Hébrard, G., et al. 2007, MNRAS, 375, 951, doi: 10.1111/j.1365-2966.2006.11350.x
Collins, K. A., Kielkopf, J. F., & Stassun, K. G. 2017, AJ, 153, 78, doi: 10.3847/1538-3881/153/2/78
Collins, K. A., Eastman, J. D., Beatty, T. G., et al. 2014, AJ, 147, 39, doi: 10.1088/0004-6256/147/2/39
Colón, K. D., Ford, E. B., Lee, B., Mahadevan, S., & Blake, C. H. 2010, MNRAS, 408, 1494, doi: 10.1111/j.1365-2966.2010.17211.x
Cortés-Zuleta, P., Rojo, P., Wang, S., et al. 2020, A&A, 636, A98, doi: 10.1051/0004-6361/201936279
Covino, E., Esposito, M., Barbieri, M., et al. 2013, A&A, 554, A28, doi: 10.1051/0004-6361/201321298
Crossfield, I. J. M., Ciardi, D. R., Petigura, E. A., et al. 2016, ApJS, 226, 7, doi: 10.3847/0067-0049/226/1/7
Crossfield, I. J. M., Ciardi, D. R., Isaacson, H., et al. 2017, AJ, 153, 255, doi: 10.3847/1538-3881/aa6e01
Crossfield, I. J. M., Waalkes, W., Newton, E. R., et al. 2019, ApJL, 883, L16, doi: 10.3847/2041-8213/ab3d30
Crouzet, N., McCullough, P. R., Long, D., et al. 2017, AJ, 153, 94, doi: 10.3847/1538-3881/153/3/94
Crouzet, N., Healy, B. F., Hébrard, G., et al. 2020, AJ, 159, 44, doi: 10.3847/1538-3881/ab5b12
Daban, J.-B., Gouvret, C., Guillot, T., et al. 2010, in Proc. SPIE, Vol. 7733, Ground-based and Airborne Telescopes III, 77334T, doi: 10.1117/12.854946
Dai, F., Winn, J. N., Albrecht, S., et al. 2016, ApJ, 823, 115, doi: 10.3847/0004-637X/823/2/115
Dai, Q., Shin, E., & Smith, C. 2018, doi: https://doi.org/https://doi.org/10.1787/2dbff737-en
Dalba, P. A., Gupta, A. F., Rodriguez, J. E., et al. 2020, AJ, 159, 241, doi: 10.3847/1538-3881/ab84e3
Damasso, M., Esposito, M., Nascimbeni, V., et al. 2015a, A&A, 581, L6, doi: 10.1051/0004-6361/201526995
Damasso, M., Biazzo, K., Bonomo, A. S., et al. 2015b, A&A, 575, A111, doi: 10.1051/0004-6361/201425332
David, T. J., Crossfield, I. J. M., Benneke, B., et al. 2018a, AJ, 155, 222, doi: 10.3847/1538-3881/aabde8
David, T. J., Mamajek, E. E., Vanderburg, A., et al. 2018b, AJ, 156, 302, doi: 10.3847/1538-3881/aaeed7
Davis, A. B., Wang, S., Jones, M., et al. 2020, AJ, 160, 229, doi: 10.3847/1538-3881/aba49d
Daylan, T., Pinglé, K., Wright, J., et al. 2021, AJ, 161, 85, doi: 10.3847/1538-3881/abd73e
de Leon, J. P., Livingston, J., Endl, M., et al. 2021, MNRAS, 508, 195, doi: 10.1093/mnras/stab2305
de Val-Borro, M., Bakos, G. Á., Brahm, R., et al. 2016, AJ, 152, 161, doi: 10.3847/0004-6256/152/6/161
Delrez, L., Van Grootel, V., Anderson, D. R., et al. 2014, A&A, 563, A143, doi: 10.1051/0004-6361/201323204
Delrez, L., Santerne, A., Almenara, J. M., et al. 2016, MNRAS, 458, 4025, doi: 10.1093/mnras/stw522
Delrez, L., Madhusudhan, N., Lendl, M., et al. 2018, MNRAS, 474, 2334, doi: 10.1093/mnras/stx2896
Demangeon, O. D. S., Faedi, F., Hébrard, G., et al. 2018, A&A, 610, A63, doi: 10.1051/0004-6361/201731735
Demangeon, O. D. S., Zapatero Osorio, M. R., Alibert, Y., et al. 2021, A&A, 653, A41, doi: 10.1051/0004-6361/202140728
Deming, D., Wilkins, A., McCullough, P., et al. 2013, ApJ, 774, 95, doi: 10.1088/0004-637X/774/2/95
Demory, B. O., Gillon, M., Deming, D., et al. 2011, A&A, 533, A114, doi: 10.1051/0004-6361/201117178
Demory, B. O., Pozuelos, F. J., Gómez Maqueo Chew, Y., et al. 2020, A&A, 642, A49, doi: 10.1051/0004-6361/202038616
Dittmann, J. A., Close, L. M., Scuderi, L. J., & Morris, M. D. 2010, ApJ, 717, 235, doi: 10.1088/0004-637X/717/1/235
Dittmann, J. A., Close, L. M., Scuderi, L. J., Turner, J., & Stephenson, P. C. 2012, NewA, 17, 438, doi: 10.1016/j.newast.2011.10.003

Dittmann, J. A., Irwin, J. M., Charbonneau, D., et al. 2017, Nature, 544, 333, doi: 10.1038/nature22055

Dorval, P., Talens, G. J. J., Otten, G. P. P. L., et al. 2020, A&A, 635, A60, doi: 10.1051/0004-6361/201935611

Dragomir, D., Benneke, B., Pearson, K. A., et al. 2015, ApJ, 814, 102, doi: 10.1088/0004-637X/814/2/102

Dragomir, D., Kane, S. R., Pilyavsky, G., et al. 2011, AJ, 142, 115, doi: 10.1088/0004-6256/142/4/115

Dragomir, D., Matthews, J. M., Eastman, J. D., et al. 2013, ApJL, 772, L2, doi: 10.1088/2041-8205/772/1/L2

Dreizler, S., Crossfield, I. J. M., Kossakowski, D., et al. 2020, A&A, 644, A127, doi: 10.1051/0004-6361/202038016

Dressing, C. D., Vanderburg, A., Schlieder, J. E., et al. 2017, AJ, 154, 207, doi: 10.3847/1538-3881/aa89f2

Dunham, E. W., Borucki, W. J., Koch, D. G., et al. 2010, ApJL, 713, L136, doi: 10.1088/2041-8205/713/2/L136

Eastman, J. D., Beatty, T. G., Siverd, R. J., et al. 2016, AJ, 151, 45, doi: 10.3847/0004-6256/151/2/45

Edwards, B., & Tinetti, G. 2022, arXiv e-prints, arXiv:2205.05073. https://arxiv.org/abs/2205.05073

Edwards, B., Rice, M., Zingales, T., et al. 2019, Experimental Astronomy, 47, 29, doi: 10.1007/s10686-018-9611-4

Edwards, B., Changeat, Q., Yip, K. H., et al. 2021a, MNRAS, 504, 5671, doi: 10.1093/mnras/staa1245

Edwards, B., Changeat, Q., Mori, M., et al. 2021b, AJ, 161, 44, doi: 10.3847/1538-3881/abc6a5

Ehrenreich, D., Lovis, C., Allart, R., et al. 2020, Nature, 580, 597, doi: 10.1038/s41586-020-2107-1

Eibe, M. T., Cuesta, L., Ullán, A., Pérez-Verde, A., & Navas, J. 2012, MNRAS, 423, 1381, doi: 10.1111/j.1365-2966.2012.20962.x

Eigmüller, P., Gandolfi, D., Persson, C. M., et al. 2017, AJ, 153, 130, doi: 10.3847/1538-3881/aa5d0b

Endl, M., Caldwell, D. A., Barclay, T., et al. 2014, ApJ, 795, 151, doi: 10.1088/0004-637X/795/2/151

Enoch, B., Cameron, A. C., Anderson, D. R., et al. 2011a, MNRAS, 410, 1631, doi: 10.1111/j.1365-2966.2010.17550.x

Enoch, B., Anderson, D. R., Barros, S. C. C., et al. 2011b, AJ, 142, 86, doi: 10.1088/0004-6256/142/3/86

Espinoza, N., Bayliss, D., Hartman, J. D., et al. 2016, AJ, 152, 108, doi: 10.3847/0004-6256/152/4/108

Espinoza, N., Rabus, M., Brahm, R., et al. 2017, MNRAS, 471, 4374, doi: 10.1093/mnras/stx1862

Espinoza, N., Rackham, B. V., Jordán, A., et al. 2019a, MNRAS, 482, 2065, doi: 10.1093/mnras/sty2691

Espinoza, N., Hartman, J. D., Bakos, G. Á., et al. 2019b, AJ, 158, 63, doi: 10.3847/1538-3881/ab26bb

Esposito, M., Covino, E., Desidera, S., et al. 2017, A&A, 601, A53, doi: 10.1051/0004-6361/201629720

Esposito, M., Armstrong, D. J., Gandolfi, D., et al. 2019, A&A, 623, A165, doi: 10.1051/0004-6361/201834853

Esteves, L. J., De Mooij, E. J. W., & Jayawardhana, R. 2015, ApJ, 804, 150, doi: 10.1088/0004-637X/804/2/150

Evans, D. F., Southworth, J., & Smalley, B. 2016, ApJL, 833, L19, doi: 10.3847/2041-8213/833/2/L19

Evans, T. M., Sing, D. K., Goyal, J. M., et al. 2018, AJ, 156, 283, doi: 10.3847/1538-3881/aaebff

Faedi, F., Barros, S. C. C., Anderson, D. R., et al. 2011, A&A, 531, A40, doi: 10.1051/0004-6361/201116671

Faedi, F., Pollacco, D., Barros, S. C. C., et al. 2013, A&A, 551, A73, doi: 10.1051/0004-6361/201220520

Faigler, S., Tal-Or, L., Mazeh, T., Latham, D. W., & Buchhave, L. A. 2013, ApJ, 771, 26, doi: 10.1088/0004-637X/771/1/26

Fischer, P. D., Knutson, H. A., Sing, D. K., et al. 2016, ApJ, 827, 19, doi: 10.3847/0004-637X/827/1/19

Foreman-Mackey, D., Hogg, D. W., Lang, D., & Goodman, J. 2013, PASP, 125, 306, doi: 10.1086/670067

Fortney, J. J., Demory, B.-O., Désert, J.-M., et al. 2011, ApJS, 197, 9, doi: 10.1088/0067-0049/197/1/9

Fraine, J. D., Deming, D., Gillon, M., et al. 2013, ApJ, 765, 127, doi: 10.1088/0004-637X/765/2/127

Fressin, F., Guillot, T., Bouchy, F., et al. 2005, in EAS Publications Series, Vol. 14, EAS Publications Series, ed. M. Giard, F. Casoli, & F. Paletou, 309–312, doi: 10.1051/eas:2005049

Fukui, A., Narita, N., Tristram, P. J., et al. 2011, PASJ, 63, 287, doi: 10.1093/pasj/63.1.287

Fukui, A., Narita, N., Kurosaki, K., et al. 2013, ApJ, 770, 95, doi: 10.1088/0004-637X/770/2/95

Fukui, A., Kawashima, Y., Ikoma, M., et al. 2014, ApJ, 790, 108, doi: 10.1088/0004-637X/790/2/108

Fukui, A., Narita, N., Kawashima, Y., et al. 2016, ApJ, 819, 27, doi: 10.3847/0004-637X/819/1/27

Fulton, B. J., Shporer, A., Winn, J. N., et al. 2011, AJ, 142, 84, doi: 10.1088/0004-6256/142/3/84

Fulton, B. J., Collins, K. A., Gaudi, B. S., et al. 2015, ApJ, 810, 30, doi: 10.1088/0004-637X/810/1/30

Gan, T., Lin, Z., Wang, S. X., et al. 2022, MNRAS, 511, 83, doi: 10.1093/mnras/stab3708

Gandolfi, D., Hébrard, G., Alonso, R., et al. 2010, A&A, 524, A55, doi: 10.1051/0004-6361/201015132

Gandolfi, D., Barragán, O., Livingston, J. H., et al. 2018, A&A, 619, L10, doi: 10.1051/0004-6361/201834289

Garhart, E., Deming, D., Mandell, A., et al. 2020, AJ, 159, 137, doi: 10.3847/1538-3881/ab6cff

Gaudi, B. S., Stassun, K. G., Collins, K. A., et al. 2017, Nature, 546, 514, doi: 10.1038/nature22392

Gibson, N. P., Aigrain, S., Barstow, J. K., et al. 2013a, MNRAS, 428, 3680, doi: 10.1093/mnras/sts307

—. 2013b, MNRAS, 436, 2974, doi: 10.1093/mnras/stt1783

Gibson, N. P., Pollacco, D., Simpson, E. K., et al. 2008, A&A, 492, 603, doi: 10.1051/0004-6361:200811015

—. 2009, ApJ, 700, 1078, doi: 10.1088/0004-637X/700/2/1078

Gibson, N. P., Pollacco, D. L., Barros, S., et al. 2010, MNRAS, 401, 1917, doi: 10.1111/j.1365-2966.2009.15770.x

Gilbert, E. A., Barclay, T., Schlieder, J. E., et al. 2020, AJ, 160, 116, doi: 10.3847/1538-3881/aba4b2

Giles, H. A. C., Bayliss, D., Espinoza, N., et al. 2018, MNRAS, 475, 1809, doi: 10.1093/mnras/stx3300

Gillon, M., Triaud, A. H. M. J., Mayor, M., et al. 2008, A&A, 485, 871, doi: 10.1051/0004-6361:20079238

Gillon, M., Demory, B. O., Barman, T., et al. 2007a, A&A, 471, L51, doi: 10.1051/0004-6361:20078283

Gillon, M., Pont, F., Demory, B. O., et al. 2007b, A&A, 472, L13, doi: 10.1051/0004-6361:20077799

Gillon, M., Anderson, D. R., Triaud, A. H. M. J., et al. 2009a, A&A, 501, 785, doi: 10.1051/0004-6361/200911749

Gillon, M., Smalley, B., Hebb, L., et al. 2009b, A&A, 496, 259, doi: 10.1051/0004-6361:200810929

Gillon, M., Doyle, A. P., Lendl, M., et al. 2011, A&A, 533, A88, doi: 10.1051/0004-6361/201117198

Gillon, M., Triaud, A. H. M. J., Fortney, J. J., et al. 2012, A&A, 542, A4, doi: 10.1051/0004-6361/201218817

Gillon, M., Anderson, D. R., Collier-Cameron, A., et al. 2013, A&A, 552, A82, doi: 10.1051/0004-6361/201220561

—. 2014, A&A, 562, L3, doi: 10.1051/0004-6361/201323014

Gillon, M., Demory, B.-O., Van Grootel, V., et al. 2017, Nature Astronomy, 1, 0056, doi: 10.1038/s41550-017-0056

Gómez Maqueo Chew, Y., Faedi, F., Pollacco, D., et al. 2013, A&A, 559, A36, doi: 10.1051/0004-6361/201322314

Granata, V., Nascimbeni, V., Piotto, G., et al. 2014, Astronomische Nachrichten, 335, 797, doi: 10.1002/asna.201412072

Grunblatt, S. K., Huber, D., Gaidos, E., et al. 2017, AJ, 154, 254, doi: 10.3847/1538-3881/aa932d

Grziwa, S., Gandolfi, D., Csizmadia, S., et al. 2016, AJ, 152, 132, doi: 10.3847/0004-6256/152/5/132

Guenther, E. W., Díaz, R. F., Gazzano, J. C., et al. 2012, A&A, 537, A136, doi: 10.1051/0004-6361/201117706

Guilluy, G., Gressier, A., Wright, S., et al. 2021, AJ, 161, 19, doi: 10.3847/1538-3881/abc3c8

Günther, M. N., Pozuelos, F. J., Dittmann, J. A., et al. 2019, Nature Astronomy, 3, 1099, doi: 10.1038/s41550-019-0845-5

Guo, X., Crossfield, I. J. M., Dragomir, D., et al. 2020, AJ, 159, 239, doi: 10.3847/1538-3881/ab8815

Harpsøe, K. B. W., Hardis, S., Hinse, T. C., et al. 2013, A&A, 549, A10, doi: 10.1051/0004-6361/201219996

Harris, C. R., Millman, K. J., van der Walt, S. J., et al. 2020, Nature, 585, 357, doi: 10.1038/s41586-020-2649-2

Hartman, J. D., Bakos, G. Á., Torres, G., et al. 2009, ApJ, 706, 785, doi: 10.1088/0004-637X/706/1/785

Hartman, J. D., Bakos, G. Á., Sato, B., et al. 2011a, ApJ, 726, 52, doi: 10.1088/0004-637X/726/1/52

Hartman, J. D., Bakos, G. Á., Kipping, D. M., et al. 2011b, ApJ, 728, 138, doi: 10.1088/0004-637X/728/2/138

Hartman, J. D., Bakos, G. Á., Torres, G., et al. 2011c, ApJ, 742, 59, doi: 10.1088/0004-637X/742/1/59

Hartman, J. D., Bakos, G. Á., Béky, B., et al. 2012, AJ, 144, 139, doi: 10.1088/0004-6256/144/5/139

Hartman, J. D., Bakos, G. Á., Torres, G., et al. 2014, AJ, 147, 128, doi: 10.1088/0004-6256/147/6/128

Hartman, J. D., Bhatti, W., Bakos, G. Á., et al. 2015a, AJ, 150, 168, doi: 10.1088/0004-6256/150/6/168

Hartman, J. D., Bakos, G. Á., Buchhave, L. A., et al. 2015b, AJ, 150, 197, doi: 10.1088/0004-6256/150/6/197

Hartman, J. D., Bayliss, D., Brahm, R., et al. 2015c, AJ, 149, 166, doi: 10.1088/0004-6256/149/5/166

Hartman, J. D., Bakos, G. Á., Bhatti, W., et al. 2016, AJ, 152, 182, doi: 10.3847/0004-6256/152/6/182

Hartman, J. D., Bakos, G. Á., Bayliss, D., et al. 2019, AJ, 157, 55, doi: 10.3847/1538-3881/aaf8b6

Hartman, J. D., Jordán, A., Bayliss, D., et al. 2020, AJ, 159, 173, doi: 10.3847/1538-3881/ab7821

Haswell, C. A., Fossati, L., Ayres, T., et al. 2012, ApJ, 760, 79, doi: 10.1088/0004-637X/760/1/79

Hay, K. L., Collier-Cameron, A., Doyle, A. P., et al. 2016, MNRAS, 463, 3276, doi: 10.1093/mnras/stw2090

Hebb, L., Collier-Cameron, A., Loeillet, B., et al. 2009, ApJ, 693, 1920, doi: 10.1088/0004-637X/693/2/1920

Hebb, L., Collier-Cameron, A., Triaud, A. H. M. J., et al. 2010, ApJ, 708, 224, doi: 10.1088/0004-637X/708/1/224

Hébrard, G., Bouchy, F., Pont, F., et al. 2008, A&A, 488, 763, doi: 10.1051/0004-6361:200810056

Hébrard, G., Collier Cameron, A., Brown, D. J. A., et al. 2013, A&A, 549, A134, doi: 10.1051/0004-6361/201220363

Hedges, C., Saunders, N., Barentsen, G., et al. 2019, ApJL, 880, L5, doi: 10.3847/2041-8213/ab2a74

Hedges, C., Hughes, A., Zhou, G., et al. 2021, AJ, 162, 54, doi: 10.3847/1538-3881/ac06cd

Hellier, C., Anderson, D. R., Collier Cameron, A., et al. 2009a, Nature, 460, 1098, doi: 10.1038/nature08245
Hellier, C., Anderson, D. R., Gillon, M., et al. 2009b, ApJL, 690, L89, doi: 10.1088/0004-637X/690/1/L89
Hellier, C., Anderson, D. R., Collier Cameron, A., et al. 2010, ApJL, 723, L60, doi: 10.1088/2041-8205/723/1/L60
—. 2011, A&A, 535, L7, doi: 10.1051/0004-6361/201117081
—. 2012, MNRAS, 426, 739, doi: 10.1111/j.1365-2966.2012.21780.x
—. 2014, MNRAS, 440, 1982, doi: 10.1093/mnras/stu410
—. 2015, AJ, 150, 18, doi: 10.1088/0004-6256/150/1/18
—. 2017, MNRAS, 465, 3693, doi: 10.1093/mnras/stw3005
Hellier, C., Anderson, D. R., Bouchy, F., et al. 2019a, MNRAS, 482, 1379, doi: 10.1093/mnras/sty2741
Hellier, C., Anderson, D. R., Triaud, A. H. M. J., et al. 2019b, MNRAS, 488, 3067, doi: 10.1093/mnras/stz1903
Hellier, C., Anderson, D. R., Barkaoui, K., et al. 2019c, MNRAS, 490, 1479, doi: 10.1093/mnras/stz2713
Henning, T., Mancini, L., Sarkis, P., et al. 2018, AJ, 155, 79, doi: 10.3847/1538-3881/aaa254
Hinse, T. C., Han, W., Yoon, J.-N., et al. 2015, Journal of Astronomy and Space Sciences, 32, 21, doi: 10.5140/JASS.2015.32.1.21
Hirano, T., Nowak, G., Kuzuhara, M., et al. 2016, ApJ, 825, 53, doi: 10.3847/0004-637X/825/1/53
Hirano, T., Dai, F., Livingston, J. H., et al. 2018, AJ, 155, 124, doi: 10.3847/1538-3881/aaaa6e
Hobson, M. J., Brahm, R., Jordán, A., et al. 2021, AJ, 161, 235, doi: 10.3847/1538-3881/abeaa1
Holczer, T., Mazeh, T., Nachmani, G., et al. 2016, ApJS, 225, 9, doi: 10.3847/0067-0049/225/1/9
Holman, M. J., Winn, J. N., Latham, D. W., et al. 2006, ApJ, 652, 1715, doi: 10.1086/508155
—. 2007, ApJ, 664, 1185, doi: 10.1086/519077
Howard, A. W., Johnson, J. A., Marcy, G. W., et al. 2011, ApJ, 730, 10, doi: 10.1088/0004-637X/730/1/10
Howard, A. W., Bakos, G. Á., Hartman, J., et al. 2012, ApJ, 749, 134, doi: 10.1088/0004-637X/749/2/134
Howell, S. B., Sobeck, C., Haas, M., et al. 2014, PASP, 126, 398, doi: 10.1086/676406
Hoyer, S., Pallé, E., Dragomir, D., & Murgas, F. 2016, AJ, 151, 137, doi: 10.3847/0004-6256/151/6/137
Hoyer, S., Rojo, P., & López-Morales, M. 2012, ApJ, 748, 22, doi: 10.1088/0004-637X/748/1/22
Hoyer, S., López-Morales, M., Rojo, P., et al. 2013, MNRAS, 434, 46, doi: 10.1093/mnras/stt962
Hrudková, M., Skillen, I., Benn, C. R., et al. 2010, MNRAS, 403, 2111, doi: 10.1111/j.1365-2966.2010.16247.x
Huang, C. X., Hartman, J. D., Bakos, G. Á., et al. 2015a, AJ, 150, 85, doi: 10.1088/0004-6256/150/3/85
Huang, C. X., Quinn, S. N., Vanderburg, A., et al. 2020, ApJL, 892, L7, doi: 10.3847/2041-8213/ab7302
Huang, X., Bakos, G., & Hartman, J. 2015b, in IAU General Assembly, Vol. 29, 2159630
Huitson, C. M., Désert, J. M., Bean, J. L., et al. 2017, AJ, 154, 95, doi: 10.3847/1538-3881/aa7f72
Huitson, C. M., Sing, D. K., Pont, F., et al. 2013, MNRAS, 434, 3252, doi: 10.1093/mnras/stt1243
Hunter, J. D. 2007, Computing in Science and Engineering, 9, 90, doi: 10.1109/MCSE.2007.55
Irwin, J., Charbonneau, D., Nutzman, P., et al. 2008, ApJ, 681, 636, doi: 10.1086/588461
Ivshina, E. S., & Winn, J. N. 2022, ApJS, 259, 62, doi: 10.3847/1538-4365/ac545b
Jenkins, J. S., Díaz, M. R., Kurtovic, N. T., et al. 2020, Nature Astronomy, 4, 1148, doi: 10.1038/s41550-020-1142-z
Jiang, I.-G., Lai, C.-Y., Savushkin, A., et al. 2016, AJ, 151, 17, doi: 10.3847/0004-6256/151/1/17
Johns, D., Reed, P. A., Rodriguez, J. E., et al. 2019, AJ, 158, 78, doi: 10.3847/1538-3881/ab24c7
Johns-Krull, C. M., McCullough, P. R., Burke, C. J., et al. 2008, ApJ, 677, 657, doi: 10.1086/528950
Johnson, J. A., Winn, J. N., Albrecht, S., et al. 2009a, PASP, 121, 1104, doi: 10.1086/644604
Johnson, J. A., Winn, J. N., Cabrera, N. E., & Carter, J. A. 2009b, ApJL, 692, L100, doi: 10.1088/0004-637X/692/2/L100
Johnson, J. A., Winn, J. N., Narita, N., et al. 2008, ApJ, 686, 649, doi: 10.1086/591078
Johnson, J. A., Winn, J. N., Bakos, G. Á., et al. 2011, ApJ, 735, 24, doi: 10.1088/0004-637X/735/1/24
Johnson, M. C., Gandolfi, D., Fridlund, M., et al. 2016, AJ, 151, 171, doi: 10.3847/0004-6256/151/6/171
Johnson, M. C., Dai, F., Justesen, A. B., et al. 2018a, MNRAS, 481, 596, doi: 10.1093/mnras/sty2238
Johnson, M. C., Rodriguez, J. E., Zhou, G., et al. 2018b, AJ, 155, 100, doi: 10.3847/1538-3881/aaa5af
Jones, M. I., Brahm, R., Espinoza, N., et al. 2018, A&A, 613, A76, doi: 10.1051/0004-6361/201731478
—. 2019, A&A, 625, A16, doi: 10.1051/0004-6361/201834640
Jordán, A., Brahm, R., Bakos, G. Á., et al. 2014, AJ, 148, 29, doi: 10.1088/0004-6256/148/2/29
Jordán, A., Brahm, R., Espinoza, N., et al. 2020, AJ, 159, 145, doi: 10.3847/1538-3881/ab6f67
Joshi, Y. C., Pollacco, D., Collier Cameron, A., et al. 2009, MNRAS, 392, 1532, doi: 10.1111/j.1365-2966.2008.14178.x

Juncher, D., Buchhave, L. A., Hartman, J. D., et al. 2015, PASP, 127, 851, doi: 10.1086/682725

Kain, I. J., Newton, E. R., Dittmann, J. A., et al. 2020, AJ, 159, 83, doi: 10.3847/1538-3881/ab655b

Kammer, J. A., Knutson, H. A., Line, M. R., et al. 2015, ApJ, 810, 118, doi: 10.1088/0004-637X/810/2/118

Kanodia, S., Cañas, C. I., Stefansson, G., et al. 2020, ApJ, 899, 29, doi: 10.3847/1538-4357/aba0a2

Khandelwal, A., Chaturvedi, P., Chakraborty, A., et al. 2022, MNRAS, 509, 3339, doi: 10.1093/mnras/stab2970

Kipping, D., Nesvorný, D., Hartman, J., et al. 2019, MNRAS, 486, 4980, doi: 10.1093/mnras/stz1141

Kipping, D. M., Bakos, G. Á., Hartman, J., et al. 2010, ApJ, 725, 2017, doi: 10.1088/0004-637X/725/2/2017

Kipping, D. M., Hartman, J., Bakos, G. Á., et al. 2011, AJ, 142, 95, doi: 10.1088/0004-6256/142/3/95

Kirk, J., López-Morales, M., Wheatley, P. J., et al. 2019, AJ, 158, 144, doi: 10.3847/1538-3881/ab397d

Kirk, J., Wheatley, P. J., Louden, T., et al. 2017, MNRAS, 468, 3907, doi: 10.1093/mnras/stx752

—. 2016, MNRAS, 463, 2922, doi: 10.1093/mnras/stw2205

—. 2018, MNRAS, 474, 876, doi: 10.1093/mnras/stx2826

Kirk, J., Rackham, B. V., MacDonald, R. J., et al. 2021, AJ, 162, 34, doi: 10.3847/1538-3881/abfcd2

Kjurkchieva, D., Dimitrov, D., & Ibryamov, S. 2016, Bulgarian Astronomical Journal, 24, 101. https://arxiv.org/abs/1512.06433

Knutson, H. A., Benneke, B., Deming, D., & Homeier, D. 2014a, Nature, 505, 66, doi: 10.1038/nature12887

Knutson, H. A., Charbonneau, D., Cowan, N. B., et al. 2009, ApJ, 703, 769, doi: 10.1088/0004-637X/703/1/769

Knutson, H. A., Madhusudhan, N., Cowan, N. B., et al. 2011, ApJ, 735, 27, doi: 10.1088/0004-637X/735/1/27

Knutson, H. A., Lewis, N., Fortney, J. J., et al. 2012, ApJ, 754, 22, doi: 10.1088/0004-637X/754/1/22

Knutson, H. A., Dragomir, D., Kreidberg, L., et al. 2014b, ApJ, 794, 155, doi: 10.1088/0004-637X/794/2/155

Koch, D. G., Borucki, W. J., Basri, G., et al. 2010a, ApJL, 713, L79, doi: 10.1088/2041-8205/713/2/L79

Koch, D. G., Borucki, W. J., Rowe, J. F., et al. 2010b, ApJL, 713, L131, doi: 10.1088/2041-8205/713/2/L131

Kokori, A., Tsiaras, A., Edwards, B., et al. 2021, Experimental Astronomy, doi: 10.1007/s10686-020-09696-3

—. 2022, ApJS, 258, 40, doi: 10.3847/1538-4365/ac3a10

Korth, J., Csizmadia, S., Gandolfi, D., et al. 2019, MNRAS, 482, 1807, doi: 10.1093/mnras/sty2760

Kossakowski, D., Espinoza, N., Brahm, R., et al. 2019, MNRAS, 490, 1094, doi: 10.1093/mnras/stz2433

Kossakowski, D., Kemmer, J., Bluhm, P., et al. 2021, A&A, 656, A124, doi: 10.1051/0004-6361/202141587

Kostov, V. B., Schlieder, J. E., Barclay, T., et al. 2019, AJ, 158, 32, doi: 10.3847/1538-3881/ab2459

Kovács, G., Bakos, G. Á., Torres, G., et al. 2007, ApJL, 670, L41, doi: 10.1086/524058

Kovács, G., Bakos, G. Á., Hartman, J. D., et al. 2010, ApJ, 724, 866, doi: 10.1088/0004-637X/724/2/866

Kozłowski, S. K., Sybilski, P. W., Konacki, M., et al. 2017, PASP, 129, 105001, doi: 10.1088/1538-3873/aa83aa

Kreidberg, L., Line, M. R., Bean, J. L., et al. 2015, ApJ, 814, 66, doi: 10.1088/0004-637X/814/1/66

Kuhn, R. B., Rodriguez, J. E., Collins, K. A., et al. 2016, MNRAS, 459, 4281, doi: 10.1093/mnras/stw880

Kundurthy, P., Becker, A. C., Agol, E., Barnes, R., & Williams, B. 2013, ApJ, 764, 8, doi: 10.1088/0004-637X/764/1/8

Lacedelli, G., Malavolta, L., Borsato, L., et al. 2021, MNRAS, 501, 4148, doi: 10.1093/mnras/staa3728

Lam, K. W. F., Faedi, F., Brown, D. J. A., et al. 2017, A&A, 599, A3, doi: 10.1051/0004-6361/201629403

Latham, D. W., Bakos, G. Á., Torres, G., et al. 2009, ApJ, 704, 1107, doi: 10.1088/0004-637X/704/2/1107

Latham, D. W., Borucki, W. J., Koch, D. G., et al. 2010, ApJL, 713, L140, doi: 10.1088/2041-8205/713/2/L140

Lee, J. W., Youn, J.-H., Kim, S.-L., Lee, C.-U., & Hinse, T. C. 2012, AJ, 143, 95, doi: 10.1088/0004-6256/143/4/95

Lendl, M., Cubillos, P. E., Hagelberg, J., et al. 2017a, A&A, 606, A18, doi: 10.1051/0004-6361/201731242

Lendl, M., Gillon, M., Queloz, D., et al. 2013, A&A, 552, A2, doi: 10.1051/0004-6361/201220924

Lendl, M., Anderson, D. R., Collier-Cameron, A., et al. 2012, A&A, 544, A72, doi: 10.1051/0004-6361/201219585

Lendl, M., Triaud, A. H. M. J., Anderson, D. R., et al. 2014, A&A, 568, A81, doi: 10.1051/0004-6361/201424481

Lendl, M., Delrez, L., Gillon, M., et al. 2016, A&A, 587, A67, doi: 10.1051/0004-6361/201527594

Lendl, M., Ehrenreich, D., Turner, O. D., et al. 2017b, A&A, 603, L5, doi: 10.1051/0004-6361/201731278

Lendl, M., Anderson, D. R., Bonfanti, A., et al. 2019, MNRAS, 482, 301, doi: 10.1093/mnras/sty2667

Lewis, N. K., Knutson, H. A., Showman, A. P., et al. 2013, ApJ, 766, 95, doi: 10.1088/0004-637X/766/2/95

Lillo-Box, J., Barrado, D., Santos, N. C., et al. 2015, A&A, 577, A105, doi: 10.1051/0004-6361/201425428

Lindor, B. M., Hartman, J. D., Bakos, G. Á., et al. 2021, AJ, 161, 64, doi: 10.3847/1538-3881/abc700

Line, M. R., Knutson, H., Deming, D., Wilkins, A., & Desert, J.-M. 2013, ApJ, 778, 183, doi: 10.1088/0004-637X/778/2/183

Lister, T. A., Anderson, D. R., Gillon, M., et al. 2009, ApJ, 703, 752, doi: 10.1088/0004-637X/703/1/752

Louden, T., Wheatley, P. J., Irwin, P. G. J., Kirk, J., & Skillen, I. 2017, MNRAS, 470, 742, doi: 10.1093/mnras/stx984

Lund, M. B., Rodriguez, J. E., Zhou, G., et al. 2017, AJ, 154, 194, doi: 10.3847/1538-3881/aa8f95

Luque, R., Pallé, E., Kossakowski, D., et al. 2019, A&A, 628, A39, doi: 10.1051/0004-6361/201935801

Luque, R., Serrano, L. M., Molaverdikhani, K., et al. 2021, A&A, 645, A41, doi: 10.1051/0004-6361/202039455

Maciejewski, G. 2020, AcA, 70, 181, doi: 10.32023/0001-5237/70.3.2

Maciejewski, G., Errmann, R., Raetz, S., et al. 2011a, A&A, 528, A65, doi: 10.1051/0004-6361/201016268

Maciejewski, G., Raetz, S., Nettelmann, N., et al. 2011b, A&A, 535, A7, doi: 10.1051/0004-6361/201117127

Maciejewski, G., Dimitrov, D., Neuhäuser, R., et al. 2010, MNRAS, 407, 2625, doi: 10.1111/j.1365-2966.2010.17099.x

—. 2011c, MNRAS, 411, 1204, doi: 10.1111/j.1365-2966.2010.17753.x

Maciejewski, G., Dimitrov, D., Seeliger, M., et al. 2013a, A&A, 551, A108, doi: 10.1051/0004-6361/201220739

Maciejewski, G., Niedzielski, A., Wolszczan, A., et al. 2013b, AJ, 146, 147, doi: 10.1088/0004-6256/146/6/147

Maciejewski, G., Ohlert, J., Dimitrov, D., et al. 2014, AcA, 64, 11. https://arxiv.org/abs/1402.6518

Maciejewski, G., Fernández, M., Aceituno, F. J., et al. 2015, A&A, 577, A109, doi: 10.1051/0004-6361/201526031

Maciejewski, G., Dimitrov, D., Fernández, M., et al. 2016a, A&A, 588, L6, doi: 10.1051/0004-6361/201628312

Maciejewski, G., Dimitrov, D., Mancini, L., et al. 2016b, AcA, 66, 55. https://arxiv.org/abs/1603.03268

Maciejewski, G., Fernández, M., Aceituno, F., et al. 2018, AcA, 68, 371, doi: 10.32023/0001-5237/68.4.4

Mallonn, M., Juvan-Beaulieu, I., Sedaghati, E., et al. 2019a, Research Notes of the American Astronomical Society, 3, 123, doi: 10.3847/2515-5172/ab3f29

Mallonn, M., & Strassmeier, K. G. 2016, A&A, 590, A100, doi: 10.1051/0004-6361/201527898

Mallonn, M., Nascimbeni, V., Weingrill, J., et al. 2015a, A&A, 583, A138, doi: 10.1051/0004-6361/201425395

Mallonn, M., von Essen, C., Weingrill, J., et al. 2015b, A&A, 580, A60, doi: 10.1051/0004-6361/201423778

Mallonn, M., von Essen, C., Herrero, E., et al. 2019b, A&A, 622, A81, doi: 10.1051/0004-6361/201834194

Mancini, L., Giordano, M., Mollière, P., et al. 2016a, MNRAS, 461, 1053, doi: 10.1093/mnras/stw1386

Mancini, L., Kemmer, J., Southworth, J., et al. 2016b, MNRAS, 459, 1393, doi: 10.1093/mnras/stw659

Mancini, L., Ciceri, S., Chen, G., et al. 2013a, MNRAS, 436, 2, doi: 10.1093/mnras/stt1394

Mancini, L., Southworth, J., Ciceri, S., et al. 2013b, A&A, 551, A11, doi: 10.1051/0004-6361/201220291

Mancini, L., Nikolov, N., Southworth, J., et al. 2013c, MNRAS, 430, 2932, doi: 10.1093/mnras/stt095

Mancini, L., Southworth, J., Ciceri, S., et al. 2014a, MNRAS, 443, 2391, doi: 10.1093/mnras/stu1286

—. 2014b, A&A, 568, A127, doi: 10.1051/0004-6361/201424106

—. 2014c, A&A, 562, A126, doi: 10.1051/0004-6361/201323265

Mancini, L., Hartman, J. D., Penev, K., et al. 2015a, A&A, 580, A63, doi: 10.1051/0004-6361/201526069

Mancini, L., Esposito, M., Covino, E., et al. 2015b, A&A, 579, A136, doi: 10.1051/0004-6361/201526030

Mancini, L., Southworth, J., Raia, G., et al. 2017, MNRAS, 465, 843, doi: 10.1093/mnras/stw1987

Mancini, L., Esposito, M., Covino, E., et al. 2018, A&A, 613, A41, doi: 10.1051/0004-6361/201732234

Mancini, L., Southworth, J., Mollière, P., et al. 2019, MNRAS, 485, 5168, doi: 10.1093/mnras/stz661

Mancini, L., Sarkis, P., Henning, T., et al. 2020, A&A, 633, A30, doi: 10.1051/0004-6361/201936532

Mandushev, G., O'Donovan, F. T., Charbonneau, D., et al. 2007, ApJL, 667, L195, doi: 10.1086/522115

Mandushev, G., Quinn, S. N., Buchhave, L. A., et al. 2011, ApJ, 741, 114, doi: 10.1088/0004-637X/741/2/114

Mann, A. W., Gaidos, E., Mace, G. N., et al. 2016, ApJ, 818, 46, doi: 10.3847/0004-637X/818/1/46

Mann, A. W., Johnson, M. C., Vanderburg, A., et al. 2020, AJ, 160, 179, doi: 10.3847/1538-3881/abae64

Mannaday, V. K., Thakur, P., Jiang, I.-G., et al. 2020, AJ, 160, 47, doi: 10.3847/1538-3881/ab9818

Mansfield, M., Bean, J. L., Stevenson, K. B., et al. 2020, ApJL, 888, L15, doi: 10.3847/2041-8213/ab5b09

Martin, D. V., El-Badry, K., Hodžić, V. K., et al. 2021, MNRAS, 507, 4132, doi: 10.1093/mnras/stab2129

Masuda, K. 2017, AJ, 154, 64, doi: 10.3847/1538-3881/aa7aeb

Masuda, K., Hirano, T., Taruya, A., Nagasawa, M., & Suto, Y. 2013, ApJ, 778, 185, doi: 10.1088/0004-637X/778/2/185

Maxted, P. F. L., Anderson, D. R., Gillon, M., et al. 2010a, AJ, 140, 2007, doi: 10.1088/0004-6256/140/6/2007

Maxted, P. F. L., Anderson, D. R., Collier Cameron, A., et al. 2010b, PASP, 122, 1465, doi: 10.1086/657658
—. 2011, PASP, 123, 547, doi: 10.1086/660007
—. 2013a, PASP, 125, 48, doi: 10.1086/669231
Maxted, P. F. L., Anderson, D. R., Doyle, A. P., et al. 2013b, MNRAS, 428, 2645, doi: 10.1093/mnras/sts231
Maxted, P. F. L., Anderson, D. R., Collier Cameron, A., et al. 2016, A&A, 591, A55, doi: 10.1051/0004-6361/201628250
Maxted, P. F. L., Ehrenreich, D., Wilson, T. G., et al. 2021, MNRAS, doi: 10.1093/mnras/stab3371
Mayo, A. W., Vanderburg, A., Latham, D. W., et al. 2018, AJ, 155, 136, doi: 10.3847/1538-3881/aaadff
McCullough, P. R., Stys, J. E., Valenti, J. A., et al. 2006, ApJ, 648, 1228, doi: 10.1086/505651
McCullough, P. R., Burke, C. J., Valenti, J. A., et al. 2008, arXiv e-prints, arXiv:0805.2921. https://arxiv.org/abs/0805.2921
McLeod, K. K., Rodriguez, J. E., Oelkers, R. J., et al. 2017, AJ, 153, 263, doi: 10.3847/1538-3881/aa6d5d
Mékarnia, D., Guillot, T., Rivet, J.-P., et al. 2016, MNRAS, 463, 45, doi: 10.1093/mnras/stw1934
Ment, K., Dittmann, J. A., Astudillo-Defru, N., et al. 2019, AJ, 157, 32, doi: 10.3847/1538-3881/aaf1b1
Miller-Ricci, E., Rowe, J. F., Sasselov, D., et al. 2008, ApJ, 682, 586, doi: 10.1086/587446
Mislis, D., Schröter, S., Schmitt, J. H. M. M., Cordes, O., & Reif, K. 2010, A&A, 510, A107, doi: 10.1051/0004-6361/200912910
Mislis, D., Mancini, L., Tregloan-Reed, J., et al. 2015, MNRAS, 448, 2617, doi: 10.1093/mnras/stv197
Mohler-Fischer, M., Mancini, L., Hartman, J. D., et al. 2013, A&A, 558, A55, doi: 10.1051/0004-6361/201321663
Montalto, M., Gregorio, J., Boué, G., et al. 2012, MNRAS, 427, 2757, doi: 10.1111/j.1365-2966.2012.21926.x
Montalto, M., Malavolta, L., Gregorio, J., et al. 2022, MNRAS, 509, 2908, doi: 10.1093/mnras/stab2923
Morello, G., Claret, A., Martin-Lagarde, M., et al. 2020, AJ, 159, 75, doi: 10.3847/1538-3881/ab63dc
Morello, G., Waldmann, I. P., Tinetti, G., et al. 2014, ApJ, 786, 22, doi: 10.1088/0004-637X/786/1/22
Morton, T. D., Bryson, S. T., Coughlin, J. L., et al. 2016, ApJ, 822, 86, doi: 10.3847/0004-637X/822/2/86
Motalebi, F., Udry, S., Gillon, M., et al. 2015, A&A, 584, A72, doi: 10.1051/0004-6361/201526822
Moutou, C., Almenara, J. M., Hébrard, G., et al. 2021, A&A, 653, A147, doi: 10.1051/0004-6361/202141151
Močnik, T., Hellier, C., Anderson, D. R., Clark, B. J. M., & Southworth, J. 2017a, MNRAS, 469, 1622, doi: 10.1093/mnras/stx972
Močnik, T., Southworth, J., & Hellier, C. 2017b, MNRAS, 471, 394, doi: 10.1093/mnras/stx1557
Močnik, T., Anderson, D. R., Brown, D. J. A., et al. 2016, PASP, 128, 124403, doi: 10.1088/1538-3873/128/970/124403
Moyano, M., Almeida, L. A., von Essen, C., Jablonski, F., & Pereira, M. G. 2017, MNRAS, 471, 650, doi: 10.1093/mnras/stx1612
Mugnai, L. V., Modirrousta-Galian, D., Edwards, B., et al. 2021, AJ, 161, 284, doi: 10.3847/1538-3881/abf3c3
Murgas, F., Chen, G., Nortmann, L., Palle, E., & Nowak, G. 2020, A&A, 641, A158, doi: 10.1051/0004-6361/202038161
Murgas, F., Chen, G., Pallé, E., Nortmann, L., & Nowak, G. 2019, A&A, 622, A172, doi: 10.1051/0004-6361/201834063
Murgas, F., Pallé, E., Parviainen, H., et al. 2017, A&A, 605, A114, doi: 10.1051/0004-6361/201730937
Murgas, F., Pallé, E., Zapatero Osorio, M. R., et al. 2014, A&A, 563, A41, doi: 10.1051/0004-6361/201322374
Murgas, F., Astudillo-Defru, N., Bonfils, X., et al. 2021, A&A, 653, A60, doi: 10.1051/0004-6361/202140718
Narita, N., Hirano, T., Sanchis-Ojeda, R., et al. 2010, PASJ, 62, L61, doi: 10.1093/pasj/62.6.L61
Narita, N., Sato, B., Ohshima, O., & Winn, J. N. 2008, PASJ, 60, L1, doi: 10.1093/pasj/60.2.L1
Narita, N., Enya, K., Sato, B., et al. 2007, PASJ, 59, 763, doi: 10.1093/pasj/59.4.763
Narita, N., Hirano, T., Fukui, A., et al. 2015, ApJ, 815, 47, doi: 10.1088/0004-637X/815/1/47
Nascimbeni, V., Piotto, G., Bedin, L. R., & Damasso, M. 2011a, A&A, 527, A85, doi: 10.1051/0004-6361/201015199
Nascimbeni, V., Piotto, G., Bedin, L. R., et al. 2011b, A&A, 532, A24, doi: 10.1051/0004-6361/201116830
Nascimbeni, V., Piotto, G., Pagano, I., et al. 2013a, A&A, 559, A32, doi: 10.1051/0004-6361/201321971
Nascimbeni, V., Cunial, A., Murabito, S., et al. 2013b, A&A, 549, A30, doi: 10.1051/0004-6361/201219601
Neveu-VanMalle, M., Queloz, D., Anderson, D. R., et al. 2014, A&A, 572, A49, doi: 10.1051/0004-6361/201424744
—. 2016, A&A, 586, A93, doi: 10.1051/0004-6361/201526965
Newton, E. R., Mann, A. W., Kraus, A. L., et al. 2021, AJ, 161, 65, doi: 10.3847/1538-3881/abccc6
Nielsen, L. D., Bouchy, F., Turner, O. D., et al. 2019, MNRAS, 489, 2478, doi: 10.1093/mnras/stz2351
Nielsen, L. D., Brahm, R., Bouchy, F., et al. 2020a, A&A, 639, A76, doi: 10.1051/0004-6361/202037941

Nielsen, L. D., Gandolfi, D., Armstrong, D. J., et al. 2020b, MNRAS, 492, 5399, doi: 10.1093/mnras/staa197

Nikolov, N., Chen, G., Fortney, J. J., et al. 2013, A&A, 553, A26, doi: 10.1051/0004-6361/201321084

Nikolov, N., Sing, D. K., Pont, F., et al. 2014, MNRAS, 437, 46, doi: 10.1093/mnras/stt1859

Nikolov, N., Sing, D. K., Burrows, A. S., et al. 2015, MNRAS, 447, 463, doi: 10.1093/mnras/stu2433

Nikolov, N., Sing, D. K., Fortney, J. J., et al. 2018, Nature, 557, 526, doi: 10.1038/s41586-018-0101-7

Niraula, P., Redfield, S., Dai, F., et al. 2017, AJ, 154, 266, doi: 10.3847/1538-3881/aa957c

Noyes, R. W., Bakos, G. Á., Torres, G., et al. 2008, ApJL, 673, L79, doi: 10.1086/527358

Nutzman, P., Charbonneau, D., Winn, J. N., et al. 2009, ApJ, 692, 229, doi: 10.1088/0004-637X/692/1/229

Nutzman, P., Gilliland, R. L., McCullough, P. R., et al. 2011, ApJ, 726, 3, doi: 10.1088/0004-637X/726/1/3

Oberst, T. E., Rodriguez, J. E., Colón, K. D., et al. 2017, AJ, 153, 97, doi: 10.3847/1538-3881/153/3/97

O'Donovan, F. T., Charbonneau, D., Mandushev, G., et al. 2006, ApJL, 651, L61, doi: 10.1086/509123

O'Donovan, F. T., Charbonneau, D., Bakos, G. Á., et al. 2007, ApJL, 663, L37, doi: 10.1086/519793

Osborn, A., Armstrong, D. J., Cale, B., et al. 2021a, MNRAS, 507, 2782, doi: 10.1093/mnras/stab2313

Osborn, H. P., Armstrong, D. J., Adibekyan, V., et al. 2021b, MNRAS, 502, 4842, doi: 10.1093/mnras/stab182

Öztürk, O., & Erdem, A. 2019, MNRAS, 486, 2290, doi: 10.1093/mnras/stz747

Pál, A., Sárneczky, K., Szabó, G. M., et al. 2011, MNRAS, 413, L43, doi: 10.1111/j.1745-3933.2011.01029.x

Pál, A., Bakos, G. Á., Torres, G., et al. 2008, ApJ, 680, 1450, doi: 10.1086/588010

Pál, A., Bakos, G. Á., Fernandez, J., et al. 2009, ApJ, 700, 783, doi: 10.1088/0004-637X/700/1/783

Pál, A., Bakos, G. Á., Torres, G., et al. 2010, MNRAS, 401, 2665, doi: 10.1111/j.1365-2966.2009.15849.x

Palle, E., Chen, G., Prieto-Arranz, J., et al. 2017, A&A, 602, L15, doi: 10.1051/0004-6361/201731018

Parviainen, H., Pallé, E., Nortmann, L., et al. 2016, A&A, 585, A114, doi: 10.1051/0004-6361/201526313

Patra, K. C., Winn, J. N., Holman, M. J., et al. 2017, AJ, 154, 4, doi: 10.3847/1538-3881/aa6d75

—. 2020, AJ, 159, 150, doi: 10.3847/1538-3881/ab7374

Pearson, K. A., Turner, J. D., & Sagan, T. G. 2014, NewA, 27, 102, doi: 10.1016/j.newast.2013.08.002

Penev, K., Bakos, G. Á., Bayliss, D., et al. 2013, AJ, 145, 5, doi: 10.1088/0004-6256/145/1/5

Pepper, J., Siverd, R. J., Beatty, T. G., et al. 2013, ApJ, 773, 64, doi: 10.1088/0004-637X/773/1/64

Pepper, J., Rodriguez, J. E., Collins, K. A., et al. 2017, AJ, 153, 215, doi: 10.3847/1538-3881/aa6572

Petigura, E. A., Livingston, J., Batygin, K., et al. 2020, AJ, 159, 2, doi: 10.3847/1538-3881/ab5220

Petrucci, R., Jofré, E., Ferrero, L. V., et al. 2018, MNRAS, 473, 5126, doi: 10.1093/mnras/stx2647

Petrucci, R., Jofré, E., Gómez Maqueo Chew, Y., et al. 2020, MNRAS, 491, 1243, doi: 10.1093/mnras/stz3034

Petrucci, R., Jofré, E., Melita, M., Gómez, M., & Mauas, P. 2015, MNRAS, 446, 1389, doi: 10.1093/mnras/stu2152

Petrucci, R., Jofré, E., Schwartz, M., et al. 2013, ApJL, 779, L23, doi: 10.1088/2041-8205/779/2/L23

Pluriel, W., Whiteford, N., Edwards, B., et al. 2020, AJ, 160, 112, doi: 10.3847/1538-3881/aba000

Poddaný, S., Brát, L., & Pejcha, O. 2010, NewA, 15, 297, doi: 10.1016/j.newast.2009.09.001

Pollacco, D., Skillen, I., Collier Cameron, A., et al. 2008, MNRAS, 385, 1576, doi: 10.1111/j.1365-2966.2008.12939.x

Püsküllü, Ç., Soydugan, F., Erdem, A., & Budding, E. 2017, NewA, 55, 39, doi: 10.1016/j.newast.2017.04.001

Queloz, D., Anderson, D. R., Collier Cameron, A., et al. 2010, A&A, 517, L1, doi: 10.1051/0004-6361/201014768

Quinn, S. N., Bakos, G. Á., Hartman, J., et al. 2012, ApJ, 745, 80, doi: 10.1088/0004-637X/745/1/80

Quinn, S. N., Becker, J. C., Rodriguez, J. E., et al. 2019, AJ, 158, 177, doi: 10.3847/1538-3881/ab3f2b

Rabus, M., Deeg, H. J., Alonso, R., Belmonte, J. A., & Almenara, J. M. 2009, A&A, 508, 1011, doi: 10.1051/0004-6361/200912252

Rabus, M., Jordán, A., Hartman, J. D., et al. 2016, AJ, 152, 88, doi: 10.3847/0004-6256/152/4/88

Raetz, S., Mugrauer, M., Schmidt, T. O. B., et al. 2009a, Astronomische Nachrichten, 330, 475, doi: 10.1002/asna.200811200

—. 2009b, Astronomische Nachrichten, 330, 459, doi: 10.1002/asna.200811202

Raetz, S., Maciejewski, G., Seeliger, M., et al. 2015, MNRAS, 451, 4139, doi: 10.1093/mnras/stv1219

Raynard, L., Goad, M. R., Gillen, E., et al. 2018, MNRAS, 481, 4960, doi: 10.1093/mnras/sty2581

Ribas, I., Font-Ribera, A., & Beaulieu, J.-P. 2008, ApJL, 677, L59, doi: 10.1086/587961

Rice, K., Malavolta, L., Mayo, A., et al. 2019, MNRAS, 484, 3731, doi: 10.1093/mnras/stz130

Ricker, G. R., Winn, J. N., Vanderspek, R., et al. 2014, in Proc. SPIE, Vol. 9143, Space Telescopes and Instrumentation 2014: Optical, Infrared, and Millimeter Wave, 914320, doi: 10.1117/12.2063489

Rodriguez, J. E., Vanderburg, A., Eastman, J. D., et al. 2018a, AJ, 155, 72, doi: 10.3847/1538-3881/aaa292

Rodriguez, J. E., Colón, K. D., Stassun, K. G., et al. 2016, AJ, 151, 138, doi: 10.3847/0004-6256/151/6/138

Rodriguez, J. E., Becker, J. C., Eastman, J. D., et al. 2018b, AJ, 156, 245, doi: 10.3847/1538-3881/aae530

Rodriguez, J. E., Eastman, J. D., Zhou, G., et al. 2019a, AJ, 158, 197, doi: 10.3847/1538-3881/ab4136

Rodriguez, J. E., Quinn, S. N., Huang, C. X., et al. 2019b, AJ, 157, 191, doi: 10.3847/1538-3881/ab11d9

Rodriguez, J. E., Vanderburg, A., Zieba, S., et al. 2020, AJ, 160, 117, doi: 10.3847/1538-3881/aba4b3

Rodriguez, J. E., Quinn, S. N., Zhou, G., et al. 2021, AJ, 161, 194, doi: 10.3847/1538-3881/abe38a

Sada, P. V., & Ramón-Fox, F. G. 2016, PASP, 128, 024402, doi: 10.1088/1538-3873/128/960/024402

Sada, P. V., Deming, D., Jennings, D. E., et al. 2012, PASP, 124, 212, doi: 10.1086/665043

Saha, S., Chakrabarty, A., & Sengupta, S. 2021, AJ, 162, 18, doi: 10.3847/1538-3881/ac01dd

Salisbury, M. A., Kolb, U. C., Norton, A. J., & Haswell, C. A. 2021, NewA, 83, 101477, doi: 10.1016/j.newast.2020.101477

Sanchis-Ojeda, R., Winn, J. N., Holman, M. J., et al. 2011, ApJ, 733, 127, doi: 10.1088/0004-637X/733/2/127

Santerne, A., Bonomo, A. S., Hébrard, G., et al. 2011, A&A, 536, A70, doi: 10.1051/0004-6361/201117807

Santerne, A., Hébrard, G., Lillo-Box, J., et al. 2016, ApJ, 824, 55, doi: 10.3847/0004-637X/824/1/55

Sariya, D. P., Jiang, I.-G., Su, L.-H., et al. 2021, Research in Astronomy and Astrophysics, 21, 097, doi: 10.1088/1674-4527/21/4/97

Sato, B., Hartman, J. D., Bakos, G. Á., et al. 2012, PASJ, 64, 97, doi: 10.1093/pasj/64.5.97

Schanche, N., Hébrard, G., Collier Cameron, A., et al. 2020, MNRAS, 499, 428, doi: 10.1093/mnras/staa2848

Sedaghati, E., Boffin, H. M. J., Jeřabková, T., et al. 2016, A&A, 596, A47, doi: 10.1051/0004-6361/201629090

Seeliger, M., Dimitrov, D., Kjurkchieva, D., et al. 2014, MNRAS, 441, 304, doi: 10.1093/mnras/stu567

Seeliger, M., Kitze, M., Errmann, R., et al. 2015, MNRAS, 451, 4060, doi: 10.1093/mnras/stv1187

Shporer, A., Mazeh, T., Pont, F., et al. 2009a, ApJ, 694, 1559, doi: 10.1088/0004-637X/694/2/1559

Shporer, A., Tamuz, O., Zucker, S., & Mazeh, T. 2007, MNRAS, 376, 1296, doi: 10.1111/j.1365-2966.2007.11537.x

Shporer, A., Bakos, G. Á., Bouchy, F., et al. 2009b, ApJ, 690, 1393, doi: 10.1088/0004-637X/690/2/1393

Shporer, A., Zhou, G., Fulton, B. J., et al. 2017, AJ, 154, 188, doi: 10.3847/1538-3881/aa8bb9

Shporer, A., Wong, I., Huang, C. X., et al. 2019, AJ, 157, 178, doi: 10.3847/1538-3881/ab0f96

Shporer, A., Collins, K. A., Astudillo-Defru, N., et al. 2020, ApJL, 890, L7, doi: 10.3847/2041-8213/ab7020

Simpson, E. K., Faedi, F., Barros, S. C. C., et al. 2011, AJ, 141, 8, doi: 10.1088/0004-6256/141/1/8

Sing, D. K., Lecavelier des Etangs, A., Fortney, J. J., et al. 2013, MNRAS, 436, 2956, doi: 10.1093/mnras/stt1782

Sing, D. K., Wakeford, H. R., Showman, A. P., et al. 2015, MNRAS, 446, 2428, doi: 10.1093/mnras/stu2279

Sinukoff, E., Howard, A. W., Petigura, E. A., et al. 2016, ApJ, 827, 78, doi: 10.3847/0004-637X/827/1/78

Siverd, R. J., Beatty, T. G., Pepper, J., et al. 2012, ApJ, 761, 123, doi: 10.1088/0004-637X/761/2/123

Siverd, R. J., Collins, K. A., Zhou, G., et al. 2018, AJ, 155, 35, doi: 10.3847/1538-3881/aa9e4d

Skaf, N., Bieger, M. F., Edwards, B., et al. 2020, AJ, 160, 109, doi: 10.3847/1538-3881/ab94a3

Skillen, I., Pollacco, D., Collier Cameron, A., et al. 2009, A&A, 502, 391, doi: 10.1051/0004-6361/200912018

Smalley, B., Anderson, D. R., Collier Cameron, A., et al. 2010, A&A, 520, A56, doi: 10.1051/0004-6361/201014705

—. 2011, A&A, 526, A130, doi: 10.1051/0004-6361/201015992

Smalley, B., Anderson, D. R., Collier-Cameron, A., et al. 2012, A&A, 547, A61, doi: 10.1051/0004-6361/201219731

Smith, A. M. S. 2015, AcA, 65, 117. https://arxiv.org/abs/1412.0451

Smith, A. M. S., Anderson, D. R., Collier Cameron, A., et al. 2012, AJ, 143, 81, doi: 10.1088/0004-6256/143/4/81

Smith, A. M. S., Anderson, D. R., Bouchy, F., et al. 2013, A&A, 552, A120, doi: 10.1051/0004-6361/201220727

Smith, A. M. S., Anderson, D. R., Armstrong, D. J., et al. 2014, A&A, 570, A64, doi: 10.1051/0004-6361/201424752

Smith, A. M. S., Csizmadia, S., Gandolfi, D., et al. 2019, AcA, 69, 135, doi: 10.32023/0001-5237/69.2.3

Sokov, E. N., Sokova, I. A., Dyachenko, V. V., et al. 2018, MNRAS, 480, 291, doi: 10.1093/mnras/sty1615

Soto, M. G., Díaz, M. R., Jenkins, J. S., et al. 2018, MNRAS, 478, 5356, doi: 10.1093/mnras/sty1334

Southworth, J., Bruni, I., Mancini, L., & Gregorio, J. 2012a, MNRAS, 420, 2580, doi: 10.1111/j.1365-2966.2011.20230.x

Southworth, J., & Evans, D. F. 2016, MNRAS, 463, 37, doi: 10.1093/mnras/stw1943

Southworth, J., Mancini, L., Madhusudhan, N., et al. 2017, AJ, 153, 191, doi: 10.3847/1538-3881/aa6477

Southworth, J., Mancini, L., Maxted, P. F. L., et al. 2012b, MNRAS, 422, 3099, doi: 10.1111/j.1365-2966.2012.20828.x

Southworth, J., Tregloan-Reed, J., Pinhas, A., et al. 2018, MNRAS, 481, 4261, doi: 10.1093/mnras/sty2488

Southworth, J., Hinse, T. C., Burgdorf, M. J., et al. 2009, MNRAS, 399, 287, doi: 10.1111/j.1365-2966.2009.15283.x

Southworth, J., Mancini, L., Novati, S. C., et al. 2010, MNRAS, 408, 1680, doi: 10.1111/j.1365-2966.2010.17238.x

Southworth, J., Dominik, M., Jørgensen, U. G., et al. 2011, A&A, 527, A8, doi: 10.1051/0004-6361/201016183

Southworth, J., Hinse, T. C., Dominik, M., et al. 2012c, MNRAS, 426, 1338, doi: 10.1111/j.1365-2966.2012.21781.x

Southworth, J., Mancini, L., Browne, P., et al. 2013, MNRAS, 434, 1300, doi: 10.1093/mnras/stt1089

Southworth, J., Hinse, T. C., Burgdorf, M., et al. 2014, MNRAS, 444, 776, doi: 10.1093/mnras/stu1492

Southworth, J., Mancini, L., Tregloan-Reed, J., et al. 2015a, MNRAS, 454, 3094, doi: 10.1093/mnras/stv2183

Southworth, J., Mancini, L., Ciceri, S., et al. 2015b, MNRAS, 447, 711, doi: 10.1093/mnras/stu2394

Southworth, J., Tregloan-Reed, J., Andersen, M. I., et al. 2016, MNRAS, 457, 4205, doi: 10.1093/mnras/stw279

Southworth, J., Dominik, M., Jørgensen, U. G., et al. 2019, MNRAS, 490, 4230, doi: 10.1093/mnras/stz2602

Sozzetti, A., Torres, G., Charbonneau, D., et al. 2009, ApJ, 691, 1145, doi: 10.1088/0004-637X/691/2/1145

Sozzetti, A., Bonomo, A. S., Biazzo, K., et al. 2015, A&A, 575, L15, doi: 10.1051/0004-6361/201425570

Sozzetti, A., Damasso, M., Bonomo, A. S., et al. 2021, A&A, 648, A75, doi: 10.1051/0004-6361/202040034

Spake, J. J., Brown, D. J. A., Doyle, A. P., et al. 2016, PASP, 128, 024401, doi: 10.1088/1538-3873/128/960/024401

Spyratos, P., Nikolov, N., Southworth, J., et al. 2021, MNRAS, 506, 2853, doi: 10.1093/mnras/stab1847

Stefansson, G., Mahadevan, S., Hebb, L., et al. 2017, ApJ, 848, 9, doi: 10.3847/1538-4357/aa88aa

Stefansson, G., Cañas, C., Wisniewski, J., et al. 2020, AJ, 159, 100, doi: 10.3847/1538-3881/ab5f15

Stevens, D. J., Collins, K. A., Gaudi, B. S., et al. 2017, AJ, 153, 178, doi: 10.3847/1538-3881/aa5ffb

Stevenson, K. B., Bean, J. L., Seifahrt, A., et al. 2014, AJ, 147, 161, doi: 10.1088/0004-6256/147/6/161

—. 2016, ApJ, 817, 141, doi: 10.3847/0004-637X/817/2/141

Stevenson, K. B., Harrington, J., Fortney, J. J., et al. 2012, ApJ, 754, 136, doi: 10.1088/0004-637X/754/2/136

Street, R. A., Simpson, E., Barros, S. C. C., et al. 2010, ApJ, 720, 337, doi: 10.1088/0004-637X/720/1/337

Su, L.-H., Jiang, I.-G., Sariya, D. P., et al. 2021, AJ, 161, 108, doi: 10.3847/1538-3881/abd4d8

Sulis, S., Dragomir, D., Lendl, M., et al. 2019, A&A, 631, A129, doi: 10.1051/0004-6361/201936066

Sun, L., Gu, S., Wang, X., et al. 2017, AJ, 153, 28, doi: 10.3847/1538-3881/153/1/28

Sun, L.-L., Gu, S.-H., Wang, X.-B., et al. 2015, Research in Astronomy and Astrophysics, 15, 117, doi: 10.1088/1674-4527/15/1/011

Sun, Z., Ji, J.-h., & Dong, Y. 2018, ChA&A, 42, 101, doi: 10.1016/j.chinastron.2018.01.007

Temple, L. Y., Hellier, C., Albrow, M. D., et al. 2017, MNRAS, 471, 2743, doi: 10.1093/mnras/stx1729

Temple, L. Y., Hellier, C., Almleaky, Y., et al. 2018, MNRAS, 480, 5307, doi: 10.1093/mnras/sty2197

Temple, L. Y., Hellier, C., Anderson, D. R., et al. 2019a, MNRAS, 490, 2467, doi: 10.1093/mnras/stz2632

Temple, L. Y., Hellier, C., Almleaky, Y., et al. 2019b, AJ, 157, 141, doi: 10.3847/1538-3881/ab095a

Teske, J., Díaz, M. R., Luque, R., et al. 2020, AJ, 160, 96, doi: 10.3847/1538-3881/ab9f95

Tinetti, G., Drossart, P., Eccleston, P., et al. 2018, Experimental Astronomy, 46, 135, doi: 10.1007/s10686-018-9598-x

Todorov, K. O., Deming, D., Knutson, H. A., et al. 2012, ApJ, 746, 111, doi: 10.1088/0004-637X/746/1/111

Torres, G., Winn, J. N., & Holman, M. J. 2008, ApJ, 677, 1324, doi: 10.1086/529429

Torres, G., Bakos, G. Á., Kovács, G., et al. 2007, ApJL, 666, L121, doi: 10.1086/521792

Torres, G., Bakos, G. Á., Hartman, J., et al. 2010, ApJ, 715, 458, doi: 10.1088/0004-637X/715/1/458

Tregloan-Reed, J., Southworth, J., & Tappert, C. 2013, MNRAS, 428, 3671, doi: 10.1093/mnras/sts306

Tregloan-Reed, J., Southworth, J., Burgdorf, M., et al. 2015, MNRAS, 450, 1760, doi: 10.1093/mnras/stv730

Tregloan-Reed, J., Southworth, J., Mancini, L., et al. 2018, MNRAS, 474, 5485, doi: 10.1093/mnras/stx3147

Triaud, A. H. M. J., Queloz, D., Hellier, C., et al. 2011, A&A, 531, A24, doi: 10.1051/0004-6361/201016367

Triaud, A. H. M. J., Anderson, D. R., Collier Cameron, A., et al. 2013, A&A, 551, A80, doi: 10.1051/0004-6361/201220900

Triaud, A. H. M. J., Gillon, M., Ehrenreich, D., et al. 2015, MNRAS, 450, 2279, doi: 10.1093/mnras/stv706

Triaud, A. H. M. J., Neveu-VanMalle, M., Lendl, M., et al. 2017, MNRAS, 467, 1714, doi: 10.1093/mnras/stx154

Tripathi, A., Winn, J. N., Johnson, J. A., et al. 2010, ApJ, 715, 421, doi: 10.1088/0004-637X/715/1/421

Tsiaras, A., Waldmann, I. P., Rocchetto, M., et al. 2016, pylightcurve: Exoplanet lightcurve model. http://ascl.net/1612.018

Tsiaras, A., Waldmann, I. P., Zingales, T., et al. 2018, AJ, 155, 156, doi: 10.3847/1538-3881/aaaf75

Turner, J. D., Smart, B. M., Hardegree-Ullman, K. K., et al. 2013, MNRAS, 428, 678, doi: 10.1093/mnras/sts061

Turner, J. D., Pearson, K. A., Biddle, L. I., et al. 2016a, MNRAS, 459, 789, doi: 10.1093/mnras/stw574

Turner, J. D., Leiter, R. M., Biddle, L. I., et al. 2017, MNRAS, 472, 3871, doi: 10.1093/mnras/stx2221

Turner, O. D., Anderson, D. R., Collier Cameron, A., et al. 2016b, PASP, 128, 064401, doi: 10.1088/1538-3873/128/964/064401

Turner, O. D., Anderson, D. R., Barkaoui, K., et al. 2019, MNRAS, 485, 5790, doi: 10.1093/mnras/stz742

Van Eylen, V., Dai, F., Mathur, S., et al. 2018, MNRAS, 478, 4866, doi: 10.1093/mnras/sty1390

Van Grootel, V., Gillon, M., Valencia, D., et al. 2014, ApJ, 786, 2, doi: 10.1088/0004-637X/786/1/2

Vanderburg, A., Becker, J. C., Buchhave, L. A., et al. 2017, AJ, 154, 237, doi: 10.3847/1538-3881/aa918b

Vanderspek, R., Huang, C. X., Vanderburg, A., et al. 2019, ApJL, 871, L24, doi: 10.3847/2041-8213/aafb7a

Villanueva, S., J., Eastman, J. D., & Gaudi, B. S. 2016, ApJ, 820, 87, doi: 10.3847/0004-637X/820/2/87

Vines, J. I., Jenkins, J. S., Acton, J. S., et al. 2019, MNRAS, 489, 4125, doi: 10.1093/mnras/stz2349

Virtanen, P., Gommers, R., Oliphant, T. E., et al. 2020, Nature Methods, 17, 261, doi: 10.1038/s41592-019-0686-2

von Essen, C., Schröter, S., Agol, E., & Schmitt, J. H. M. M. 2013, A&A, 555, A92, doi: 10.1051/0004-6361/201321407

von Essen, C., Wedemeyer, S., Sosa, M. S., et al. 2019, A&A, 628, A116, doi: 10.1051/0004-6361/201731966

Wakeford, H. R., Sing, D. K., Kataria, T., et al. 2017, Science, 356, 628, doi: 10.1126/science.aah4668

Wakeford, H. R., Sing, D. K., Stevenson, K. B., et al. 2020, AJ, 159, 204, doi: 10.3847/1538-3881/ab7b78

Wang, J., Xie, J.-W., Barclay, T., & Fischer, D. A. 2014a, ApJ, 783, 4, doi: 10.1088/0004-637X/783/1/4

Wang, S., Wang, X.-Y., Wang, Y.-H., et al. 2018a, AJ, 156, 181, doi: 10.3847/1538-3881/aadcfc

Wang, S., Jones, M., Shporer, A., et al. 2019a, AJ, 157, 51, doi: 10.3847/1538-3881/aaf1b7

Wang, X.-B., Gu, S.-H., Collier Cameron, A., et al. 2013, Research in Astronomy and Astrophysics, 13, 593, doi: 10.1088/1674-4527/13/5/010

Wang, X.-b., Gu, S.-h., Collier Cameron, A., et al. 2014b, AJ, 147, 92, doi: 10.1088/0004-6256/147/4/92

Wang, X.-Y., Wang, S., Hinse, T. C., et al. 2018b, PASP, 130, 064401, doi: 10.1088/1538-3873/aab93e

Wang, X.-Y., Wang, Y.-H., Wang, S., et al. 2021, ApJS, 255, 15, doi: 10.3847/1538-4365/ac0835

Wang, Y.-H., Wang, S., Liu, H.-G., et al. 2017, AJ, 154, 49, doi: 10.3847/1538-3881/aa7519

Wang, Y.-H., Wang, S., Hinse, T. C., et al. 2019b, AJ, 157, 82, doi: 10.3847/1538-3881/aaf6b6

Weaver, I. C., López-Morales, M., Espinoza, N., et al. 2020, AJ, 159, 13, doi: 10.3847/1538-3881/ab55da

Weinberg, N. N., Sun, M., Arras, P., & Essick, R. 2017, ApJL, 849, L11, doi: 10.3847/2041-8213/aa9113

Weiss, L. M., Marcy, G. W., Rowe, J. F., et al. 2013, ApJ, 768, 14, doi: 10.1088/0004-637X/768/1/14

West, R. G., Collier Cameron, A., Hebb, L., et al. 2009a, A&A, 502, 395, doi: 10.1051/0004-6361/200810973

West, R. G., Anderson, D. R., Gillon, M., et al. 2009b, AJ, 137, 4834, doi: 10.1088/0004-6256/137/6/4834

West, R. G., Hellier, C., Almenara, J. M., et al. 2016, A&A, 585, A126, doi: 10.1051/0004-6361/201527276

Wilkins, A. N., Delrez, L., Barker, A. J., et al. 2017, ApJL, 836, L24, doi: 10.3847/2041-8213/aa5d9f

Wilson, D. M., Gillon, M., Hellier, C., et al. 2008, ApJL, 675, L113, doi: 10.1086/586735

Winn, J. N., Henry, G. W., Torres, G., & Holman, M. J. 2008a, ApJ, 675, 1531, doi: 10.1086/527032

Winn, J. N., Holman, M. J., & Roussanova, A. 2007a, ApJ, 657, 1098, doi: 10.1086/510834

Winn, J. N., Johnson, J. A., Albrecht, S., et al. 2009a, ApJL, 703, L99, doi: 10.1088/0004-637X/703/2/L99

Winn, J. N., Holman, M. J., Bakos, G. Á., et al. 2007b, AJ, 134, 1707, doi: 10.1086/521599

Winn, J. N., Holman, M. J., Torres, G., et al. 2008b, ApJ, 683, 1076, doi: 10.1086/589737

Winn, J. N., Holman, M. J., Henry, G. W., et al. 2009b, ApJ, 693, 794, doi: 10.1088/0004-637X/693/1/794

Winn, J. N., Johnson, J. A., Fabrycky, D., et al. 2009c, ApJ, 700, 302, doi: 10.1088/0004-637X/700/1/302

Winn, J. N., Matthews, J. M., Dawson, R. I., et al. 2011a, ApJL, 737, L18, doi: 10.1088/2041-8205/737/1/L18

Winn, J. N., Howard, A. W., Johnson, J. A., et al. 2011b, AJ, 141, 63, doi: 10.1088/0004-6256/141/2/63

Winters, J. G., Medina, A. A., Irwin, J. M., et al. 2019, AJ, 158, 152, doi: 10.3847/1538-3881/ab364d

Wong, I., Knutson, H. A., Cowan, N. B., et al. 2014, ApJ, 794, 134, doi: 10.1088/0004-637X/794/2/134

Wong, I., Knutson, H. A., Lewis, N. K., et al. 2015, ApJ, 811, 122, doi: 10.1088/0004-637X/811/2/122

Wong, I., Knutson, H. A., Kataria, T., et al. 2016, ApJ, 823, 122, doi: 10.3847/0004-637X/823/2/122

Wyttenbach, A., Lovis, C., Ehrenreich, D., et al. 2017, A&A, 602, A36, doi: 10.1051/0004-6361/201630063

Yan, F., Espinoza, N., Molaverdikhani, K., et al. 2020, A&A, 642, A98, doi: 10.1051/0004-6361/201937265

Yee, S. W., Winn, J. N., Knutson, H. A., et al. 2020, ApJL, 888, L5, doi: 10.3847/2041-8213/ab5c16

Yip, K. H., Changeat, Q., Edwards, B., et al. 2021, AJ, 161, 4, doi: 10.3847/1538-3881/abc179

Yu, L., Zhou, G., Rodriguez, J. E., et al. 2018a, AJ, 156, 250, doi: 10.3847/1538-3881/aae5d5

Yu, L., Rodriguez, J. E., Eastman, J. D., et al. 2018b, AJ, 156, 127, doi: 10.3847/1538-3881/aad6e7

Yu, L., Crossfield, I. J. M., Schlieder, J. E., et al. 2018c, AJ, 156, 22, doi: 10.3847/1538-3881/aac6e6

Zellem, R. T., Pearson, K. A., Blaser, E., et al. 2020, PASP, 132, 054401, doi: 10.1088/1538-3873/ab7ee7

Zhao, M., O'Rourke, J. G., Wright, J. T., et al. 2014, ApJ, 796, 115, doi: 10.1088/0004-637X/796/2/115

Zhou, G., Bayliss, D., Penev, K., et al. 2014, AJ, 147, 144, doi: 10.1088/0004-6256/147/6/144

Zhou, G., Rodriguez, J. E., Collins, K. A., et al. 2016, AJ, 152, 136, doi: 10.3847/0004-6256/152/5/136

Zhou, G., Bakos, G. Á., Hartman, J. D., et al. 2017, AJ, 153, 211, doi: 10.3847/1538-3881/aa674a

Zhou, G., Huang, C. X., Bakos, G. Á., et al. 2019a, AJ, 158, 141, doi: 10.3847/1538-3881/ab36b5

Zhou, G., Bakos, G. Á., Bayliss, D., et al. 2019b, AJ, 157, 31, doi: 10.3847/1538-3881/aaf1bb

APPENDIX

A. SUPPLEMENTARY INFORMATION

Here we append extra information regarding the data sources and results. More specifically, Table 5 includes a list with the amateur private observatories contributing to this work, and is followed by a description of the ASTEP telescope. Table 6 includes a list with the parameters used in the analysis of individual light-curves and the respective references, where the asterisk indicates orbital parameters (a/R_s or i) that were adjusted based on TESS data to match the observed durations.

Table 5. Amateur private observatories contributing to this work.

Observer(s)	Observatory
Adrian Jones	I64, Maidenhead, UK
Leon Bewersdorff	Observatory Kipshoven, Germany
Richard Abraham	The Green Observatory, UK
Vikrant Kumar Agnihotri	Cepheid Observatory, Rawatbhata, India
Raniero Albanesi	157FrassoSabino
Enrique Arce-Mansego	Vallbona Observatory Valencia España
Matthieu Bachschmidt	Gonachon, France
Giorgio Baj	Observatory- M57, Saltrio Varese (Italy)
David Bennett	Rickford Observatory
Paul Benni	Acton Sky Portal, Acton, MA, USA
Patrick Brandebourg	Observatoire du Guernet, Bretagne, France
Luboš Brát	ALTAN.Observatory
Stephen M. Brincat	Flarestar Observatory (MPC:171), San Gwann, Malta
Sebastien Brouillard	Observatoire de Saint-Véran - Paul Felenbok - France
Mauro Caló	Cavallino Observatory, Tuscany, Italy
Fran Campos	Puig d'Agulles Observatory (Vallirana, Spain)
Alfonso Carreno	Observatorio Zonalunar MPC-J08
Roland Casali	Alto2000 Observatory, Italy
Giovanni Battista Casalnuovo	Filzi School Observatory (Laives - Italy)
Jean-François Coliac	OABAC - Observatoire pour l'Astronomie des Binaires et l'Astronomie Collaborative
Giuseppe Conzo	Explorer Orbanic Observatory, Croatia
Mercedes Correa	Sirius B (Spain)
Gilles Coulon	Sadr Chili
Ivan Curtis	YSVP
Martin Valentine Crow	Burnham Observatory, Burnham on Crouch, UK
Dominique Daniel	LMJ-OBS - private observatory - France
Bruno Dauchet	YSVP (MPC D79)
Simon Dawes	William James II Observatory, Bexleyheath, England
Marc Deldem	Les Barres Observatory, Lamanon, France
Dimitrios Deligeorgopoulos	Artemis Observatory, Evrytania, Greece
Nicolas Esseiva	Observatoire de La Perdrix
Rafael González Farfán	Uraniborg Observatory, (Écija, Sevilla, Spain)
Salomon Louw Ferreira	PESCOPE
Davide Gabellini	Hypatia Observatory, Italy
Trevor Gainey	Kismet observatory, Berkshire, UK
Josep Gaitan	MAS MOIXA MPC C86
Alberto García-Sánchez	Observatorio Rio Cofio - Robledo de Chavela (Spain)
Joe Garlitz	Elgin Observatory GJP
Christophe Gillier	CALA Observatory, France
Ferran Grau Horta	Observatori de Ca l'Ou, Sant Martí Sesgueioles, Spain
Juanjo Gonzales	Cielo Profundo J01
Tim Haymes	Tim Haymes Southside Observatory, N.Oxfordshire, UK
Ken Hose	Quarryview Observatory / HQR

Francois Hurter	Albireo Observatory, Switzerland
Jens Jacobsen	Egeskov Observatory
Kevin Johnson	Holbrook Observatory, East Sussex, UK
Aziz Ettahar Kaeouach	High Atlas Observatory, Oukaimeden, Morocco
Bernd Koch	MPC Code B72
Didier Laloum	Observatoire Privé du Mont 40280 Saint-Pierre-du-Mont, France
Massimiliano Mannucci	Osservatorio Astronomico Margherita Hack, Firenze, Italy
Jean-Claude Mario	Observatoire de la cabergue
Antonio Marino	Telescopio Remoto Colacevich c/o Osservatorio Astronomico di Capodimonte di Napoli
Giuseppe Marino	Osservatorio GAC "Luigi Sturzo", Italy
Fernando Antonio Martínez-Bravo	Chile
Paolo Arcangelo Matassa	P.M.P.H.R. Deep Sky (MPC K81) Atina (FR) Italy
Philip Michel	Verulamium Private Observatory, St Albans, UK
Mike Miller	Georgetown Observatory, Georgetown, TX USA
David Molina	AnunakiObservatory, Madrid
Thomas Mollier	Tomastro Observatory, France
Mario Morales-Aimar	Observatorio de Sencelles, Spain
Fabio Mortari	Hypatia Observatory, Italy
Gabriel Murawski	MGAB Observatory
Jean-Louis Naudin	Gatinais French Observatory (GFO)
Ramon Naves	Montcabrer MPC-213
David Néel	Sadr Observatory, Chile
Alphonso Noschese	Elianto Observatory
Yenal Öğmen	Green Island Observatory IAU B34
Osamu Ohshima	Ohshima Tamashima Observatory
Zlatko Orbanic	Explorer Orbanic Observatory, Croatia
Christian Pantacchini	Observatoire de BENAYES ; FRANCE
Nikolaos I. Paschalis	Nunki Observatory, Skiathos, Greece
Valère Perroud	Observatoire de Duines, France
Mark Phillips	Forthimage Observatory, Edinburgh, Scotland
Jean-Bernard Pioppa	La Roque Esclapon - FRANCE
Jean Plazas	Ribot Observatory
Jeff Purcell	Omaha, Nebraska-United States
Manfred Raetz	Privat Observatory Herges-Hallenberg, Germany
François Regembal	HRT Observatory, Spain
Jose Angel Carrion Rodrigo	OAO Observatorio Aras de los Olmos
Lionel Rousselot	Vierzon Observatory, France
Xesco Rubia	Stupa Observatori, Centelles, Catalonia, Spain
Nello Ruocco	Osservatorio Astronomico Nastro Verde, Sorrento, Italy
Mark Salisbury	POST, UK
Fabio Salvaggio	WBRO (K49), Italy
John Savage	Z42, Rushay Farm Observatory, Dorset, UK
Danilo Sedita	Osservatorio Sedita Castrofilippo, Italy
Alvaro Fornas Silva	Centro Astronómico Alto Turia (CAAT)
Nick Sioulas	NOAK Observatory L02, Greece
Vojtěch Školník	Broumov NM Observatory, Czech Republic
Miroslav Smolka	Motešice Observatory, SK
Dimitris Stouraitis	Galileo Observatory, Greece
Thiam-Guan Tan	Perth Exoplanet Survey Telescope, Australia
Geoffrey Thurston	I67, Hartley Wintney, UK
Fernando Pablo Tifner	MPC I32
Andrea Tomacelli	Telescopio Remoto Colacevich UAN c/o Osservatorio Astronomico di Capodimonte di Napoli
Alberto Tomatis	Alto-Observatory, Italy
Pierre Valeau	Observatoire de l'Aiguillon sur Mer, France
Jean-Pascal Vignes	Deep Sky Chile , Chile
Alberto Villa	Oss Astr G.Galilei-Libbiano Mpc code B33

Antoni Vives Sureda	Anunnaki observatory
Kuldip Vora	Cepheid Observatory, Rawatbhata, India
Martin Vrašťák	Žilina-Mojš, LSO, Slovakia
David E. Wright	Yorick Observatory, Hampshire, UK
Roberto Zambelli	Roberto Zambelli Observatory
Martin Zíbar	Chlumčany

ASTEP (Antarctic Search for Transiting ExoPlanets) is a 40 cm telescope installed at the Concordia station, Dome C, Antarctica that operates during the polar winter from March to September (Fressin et al. 2005; Daban et al. 2010; Mékarnia et al. 2016). The continuous night and excellent atmospheric conditions make it well suited for high precision time series photometry such as exoplanet transit observations. The telescope was installed in 2010 and upgraded in 2022. The project is a collaboration between Laboratoire Lagrange (CNRS UMR 7293), the University of Birmingham, and the European Space Agency.

Table 6. Parameters used in the analysis of individual light-curves and the respective references, where the asterisk indicates orbital parameters (a/R_s or i) that were adjusted based on TESS data to match the observed durations.

Planet	Ephemeris (before this update) T_0 (BJD$_{\rm TDB}$ − 2450000) P (days)	Stellar Parameters $T_{\rm eff}$ (K) log(g) (cgs)	Transit Parameters R_p/R_s e	 a/R_s ω (deg)	 i (deg)
55Cnce	$2455962.0727^{+0.0007}_{-0.0007}$	$5234.0^{+30.0}_{-30.0}$	$0.0187^{+0.0004}_{-0.0004}$	$3.47^{+0.07}_{-0.07}$	$83.6^{+0.6}_{-0.6}$
	$0.736545^{+9e-07}_{-9e-07}$	$4.45^{+0.08}_{-0.08}$	–	–	
	Sulis et al. (2019)	Demory et al. (2011)	Sulis et al. (2019)		
CoRoT-11b	$2454597.6797^{+0.0003}_{-0.0003}$	$6440.0^{+120.0}_{-120.0}$	$0.107^{+0.0005}_{-0.0005}$	$6.89^{+0.08}_{-0.08}$	$83.17^{+0.15}_{-0.15}$
	$2.99433^{+1.1e-05}_{-1.1e-05}$	$4.22^{+0.23}_{-0.23}$	–	–	
	Gandolfi et al. (2010)	Gandolfi et al. (2010)	Gandolfi et al. (2010)		
CoRoT-19b	$2455257.4418^{+0.0006}_{-0.0006}$	$6090.0^{+70.0}_{-70.0}$	$0.0786^{+0.0004}_{-0.0004}$	$6.7^{+0.1}_{-0.1}$	$88.0^{+0.7}_{-0.7}$
	$3.89713^{+2e-05}_{-2e-05}$	$4.07^{+0.03}_{-0.03}$	–	–	
	Guenther et al. (2012)	Guenther et al. (2012)	Guenther et al. (2012)		
CoRoT-2b	$2457347.04314^{+0.00012}_{-0.00012}$	$5696.0^{+70.0}_{-70.0}$	$0.1667^{+0.0006}_{-0.0006}$	$6.7^{+0.03}_{-0.03}$	$87.84^{+0.1}_{-0.1}$
	$1.742997^{+1.1e-07}_{-1.1e-07}$	$4.42^{+0.12}_{-0.12}$	–	–	
	Kokori et al. (2022)	Chavero et al. (2010)	Alonso et al. (2008b)		
EPIC211945201b	$2458113.9399^{+0.0004}_{-0.0004}$	$6025.0^{+100.0}_{-100.0}$	$0.0407^{+0.0003}_{-0.0003}$	$23.1^{+0.5}_{-0.5}$	$87.9^{+0.06}_{-0.06}$
	$19.49213^{+1e-05}_{-1e-05}$	$4.25^{+0.1}_{-0.1}$	–	–	
	Chakraborty et al. (2018)	Chakraborty et al. (2018)	Chakraborty et al. (2018)		
EPIC246851721b	$2457865.11032^{+0.0001}_{-0.0001}$	$6202.0^{+52.0}_{-50.0}$	$0.068^{+0.003}_{-0.003}$	$9.8^{+0.17}_{-0.17}$	$86.21^{+0.17}_{-0.17}$
	$6.180235^{+1.4e-05}_{-1.4e-05}$	$4.16^{+0.02}_{-0.02}$	–	–	
	Yu et al. (2018a)	Yu et al. (2018a)	Yu et al. (2018a)		
G9-40b	$2458497.77747^{+0.00032}_{-0.00032}$	$3348.0^{+32.0}_{-32.0}$	$0.0605^{+0.0026}_{-0.0026}$	$27.0^{+5.4}_{-3.7}$	$88.57^{+0.63}_{-0.47}$
	$5.746007^{+6e-06}_{-6e-06}$	$4.93^{+0.03}_{-0.03}$	–	–	
	Stefansson et al. (2020)	Stefansson et al. (2020)	Stefansson et al. (2020)		
GJ1132b	$2457184.5576^{+0.0003}_{-0.0003}$	$3270.0^{+140.0}_{-140.0}$	$0.051^{+0.003}_{-0.003}$	$16.0^{+1.1}_{-1.1}$	$88.6^{+0.5}_{-0.5}$
	$1.6289287^{+1.8e-06}_{-1.8e-06}$	$5.05^{+0.09}_{-0.09}$	–	–	
	Southworth et al. (2017)	Berta-Thompson et al. (2015)	Berta-Thompson et al. (2015)		
GJ1214b	$2455881.57931^{+2.2e-05}_{-2.2e-05}$	$3026.0^{+130.0}_{-130.0}$	$0.116^{+0.0005}_{-0.0005}$	$15.31^{+0.21}_{-0.29}$	$89.3^{+0.4}_{-0.3}$
	$1.58040454^{+4e-08}_{-4e-08}$	$4.99^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Charbonneau et al. (2009)	Berta et al. (2012)		

GJ1252b	$2458668.09739^{+0.00032}_{-0.00032}$ $0.5182349^{+6.3e-06}_{-6.3e-06}$ Shporer et al. (2020)	$3458.0^{+140.0}_{-133.0}$ $4.835^{+0.068}_{-0.067}$ Shporer et al. (2020)	$0.02802^{+0.0009}_{-0.0009}$ – Shporer et al. (2020)	$5.05^{+6.35}_{-2.73}$ –	$85.0^{+2.1}_{-1.8}$
GJ3470b	$2456340.72559^{+0.00011}_{-0.00011}$ $3.336649^{+2e-06}_{-2e-06}$ Nascimbeni et al. (2013a)	$3600.0^{+200.0}_{-200.0}$ $4.77^{+0.12}_{-0.12}$ Bonfils et al. (2012)	$0.0764^{+0.0004}_{-0.0004}$ $0.017^{+0.016}_{-0.012}$ Biddle et al. (2014)	$13.9^{+0.4}_{-0.5}$ $1.7^{+1.0}_{-1.2}$	$88.9^{+0.6}_{-0.5}$
GJ357b	$2458517.99862^{+0.00039}_{-0.00039}$ $3.93072^{+8e-05}_{-8e-05}$ Luque et al. (2019)	$3505.0^{+51.0}_{-51.0}$ $4.94^{+0.07}_{-0.07}$ Luque et al. (2019)	$0.0331^{+0.0009}_{-0.0009}$ – Luque et al. (2019)	$19.4^{+1.4*}_{-1.3}$ –	$89.12^{+0.37}_{-0.31}$
GJ436b	$2454873.01582^{+4e-05}_{-4e-05}$ $2.64389751^{+1.2e-07}_{-1.2e-07}$ Kokori et al. (2022)	$3350.0^{+300.0}_{-300.0}$ $4.84^{+0.02}_{-0.01}$ Torres et al. (2008)	$0.0831^{+0.0003}_{-0.0003}$ – Knutson et al. (2011)	$14.14^{+0.09}_{-0.1}$ –	$86.7^{+0.03}_{-0.03}$
GJ9827b	$2457738.8259^{+0.0003}_{-0.0003}$ $1.20898^{+8e-06}_{-8e-06}$ Rodriguez et al. (2018a)	$4255.0^{+110.0}_{-110.0}$ $4.7^{+0.15}_{-0.15}$ Niraula et al. (2017)	$0.024^{+0.0004}_{-0.0004}$ – Rice et al. (2019)	$6.72^{+0.08}_{-0.09}$ –	$86.1^{+0.4}_{-0.3}$
GJ9827c	$2457742.1993^{+0.00072}_{-0.00072}$ $3.648096^{+6.3e-05}_{-6.3e-05}$ Rice et al. (2019)	$4255.0^{+110.0}_{-110.0}$ $4.7^{+0.15}_{-0.15}$ Niraula et al. (2017)	$0.01887^{+0.00034}_{-0.00034}$ – Rice et al. (2019)	$14.04^{+0.17}_{-0.17}$ –	$88.19^{+0.21}_{-0.18}$
HAT-P-11b	$2455109.335119^{+2.1e-05}_{-2.1e-05}$ $4.8878009^{+3e-07}_{-3e-07}$ Kokori et al. (2022)	$4780.0^{+50.0}_{-50.0}$ $4.6^{+0.03}_{-0.03}$ Bakos et al. (2010)	$0.0576^{+0.0009}_{-0.0009}$ $0.2^{+0.05}_{-0.05}$ Bakos et al. (2010)	$15.58^{+0.17}_{-0.82}$ $355.2^{+17.3}_{-17.3}$	$88.5^{+0.6}_{-0.6}$
HAT-P-12b	$2456716.5327^{+6e-05}_{-6e-05}$ $3.21305751^{+1.7e-07}_{-1.7e-07}$ Kokori et al. (2022)	$4650.0^{+60.0}_{-60.0}$ $4.61^{+0.01}_{-0.01}$ Hartman et al. (2009)	$0.1406^{+0.0013}_{-0.0013}$ – Hartman et al. (2009)	$11.77^{+0.15}_{-0.21}$ –	$89.0^{+0.4}_{-0.4}$
HAT-P-13b	$2455456.49826^{+0.00016}_{-0.00016}$ $2.9162431^{+6e-07}_{-6e-07}$ Kokori et al. (2022)	$5653.0^{+90.0}_{-90.0}$ $4.13^{+0.04}_{-0.04}$ Bakos et al. (2009)	$0.0844^{+0.0013}_{-0.0013}$ $0.021^{+0.009}_{-0.009}$ Bakos et al. (2009)	$5.8^{+0.3}_{-0.3}$ $181.0^{+45.0}_{-45.0}$	$83.4^{+0.6}_{-0.6}$
HAT-P-14b	$2455421.35484^{+0.00022}_{-0.00022}$ $4.6276623^{+1e-06}_{-1e-06}$ Kokori et al. (2022)	$6600.0^{+90.0}_{-90.0}$ $4.25^{+0.03}_{-0.03}$ Torres et al. (2010)	$0.0805^{+0.0011}_{-0.0011}$ – Fukui et al. (2016)	$8.51^{+0.15*}_{-0.15}$ –	$83.77^{+0.18}_{-0.18}$
HAT-P-15b	$2454638.5609^{+0.0005}_{-0.0005}$ $10.8635^{+3e-05}_{-3e-05}$ Kovács et al. (2010)	$5568.0^{+90.0}_{-90.0}$ $4.38^{+0.03}_{-0.03}$ Kovács et al. (2010)	$0.1019^{+0.0009}_{-0.0009}$ $0.19^{+0.019}_{-0.019}$ Kovács et al. (2010)	$19.2^{+0.6}_{-0.6}$ $262.0^{+1.0}_{-1.0}$	$89.1^{+0.2}_{-0.2}$
HAT-P-16b	$2455968.64684^{+0.00013}_{-0.00013}$ $2.7759677^{+3e-07}_{-3e-07}$ Kokori et al. (2022)	$6158.0^{+80.0}_{-80.0}$ $4.34^{+0.03}_{-0.03}$ Buchhave et al. (2010)	$0.1071^{+0.0014}_{-0.0014}$ $0.036^{+0.004}_{-0.004}$ Buchhave et al. (2010)	$7.2^{+0.3}_{-0.3}$ $214.0^{+8.0}_{-8.0}$	$86.6^{+0.7}_{-0.7}$
HAT-P-17b	$2456569.05972^{+5e-05}_{-5e-05}$ $10.3385346^{+9e-07}_{-9e-07}$ Kokori et al. (2022)	$5246.0^{+80.0}_{-80.0}$ $4.52^{+0.02}_{-0.02}$ Howard et al. (2012)	$0.1238^{+0.001}_{-0.001}$ $0.342^{+0.006}_{-0.006}$ Howard et al. (2012)	$22.6^{+0.5}_{-0.5}$ $201.0^{+1.0}_{-1.0}$	$89.2^{+0.2}_{-0.1}$
HAT-P-18b	$2457276.25646^{+0.0001}_{-0.0001}$ $5.50803^{+8e-07}_{-8e-07}$ Kokori et al. (2022)	$4803.0^{+80.0}_{-80.0}$ $4.57^{+0.04}_{-0.04}$ Hartman et al. (2011a)	$0.1356^{+0.0028}_{-0.0028}$ – Kirk et al. (2017)	$16.39^{+0.24}_{-0.24}$ –	$88.53^{+0.16}_{-0.16}$
HAT-P-19b	$2456899.49658^{+0.0001}_{-0.0001}$ $4.0087842^{+4e-07}_{-4e-07}$ Kokori et al. (2022)	$4990.0^{+130.0}_{-130.0}$ $4.54^{+0.05}_{-0.05}$ Hartman et al. (2011a)	$0.1418^{+0.002}_{-0.002}$ $0.07^{+0.04}_{-0.04}$ Hartman et al. (2011a)	$12.2^{+0.7}_{-0.7}$ $256.0^{+77.0}_{-77.0}$	$88.2^{+0.4}_{-0.4}$
HAT-P-1b	$2455801.7739^{+0.00018}_{-0.00018}$ $4.4652992^{+4e-07}_{-4e-07}$ Kokori et al. (2022)	$5975.0^{+120.0}_{-120.0}$ $4.38^{+0.03}_{-0.03}$ Torres et al. (2008)	$0.11802^{+0.00018}_{-0.00018}$ – Nikolov et al. (2014)	$9.85^{+0.07}_{-0.07}$ –	$85.63^{+0.06}_{-0.06}$
HAT-P-20b	$2456705.48183^{+7e-05}_{-7e-05}$	$4595.0^{+80.0}_{-80.0}$	$0.1284^{+0.0016}_{-0.0016}$	$11.2^{+0.3}_{-0.3}$	$86.8^{+0.2}_{-0.2}$

	$2.87531693^{+2.4e-07}_{-2.4e-07}$	$4.63^{+0.02}_{-0.02}$	$0.015^{+0.005}_{-0.005}$	$317.0^{+130.0}_{-130.0}$	
	Kokori et al. (2022)	Bakos et al. (2011)	Bakos et al. (2011)		
HAT-P-21b	$2454996.4139^{+0.0007}_{-0.0007}$	$5588.0^{+80.0}_{-80.0}$	$0.095^{+0.0022}_{-0.0022}$	$9.6^{+0.7}_{-0.7}$	$87.2^{+0.7}_{-0.7}$
	$4.124481^{+7e-06}_{-7e-06}$	$4.33^{+0.06}_{-0.06}$	$0.228^{+0.016}_{-0.016}$	$309.0^{+3.0}_{-3.0}$	
	Bakos et al. (2011)	Bakos et al. (2011)	Bakos et al. (2011)		
HAT-P-22b	$2456603.79429^{+0.00014}_{-0.00014}$	$5302.0^{+80.0}_{-80.0}$	$0.1065^{+0.0017}_{-0.0017}$	$8.6^{+0.3}_{-0.3}$	$86.9^{+0.6}_{-0.5}$
	$3.212233^{+3e-07}_{-3e-07}$	$4.36^{+0.04}_{-0.04}$	$0.016^{+0.009}_{-0.009}$	$156.0^{+66.0}_{-66.0}$	
	Kokori et al. (2022)	Bakos et al. (2011)	Bakos et al. (2011)		
HAT-P-23b	$2457575.19549^{+8e-05}_{-8e-05}$	$5905.0^{+80.0}_{-80.0}$	$0.1162^{+0.0008}_{-0.0008}$	$4.55^{+0.09}_{-0.09}$	$85.7^{+0.9}_{-0.9}$
	$1.21288644^{+8e-08}_{-8e-08}$	$4.33^{+0.05}_{-0.05}$	–	–	
	Kokori et al. (2022)	Bakos et al. (2011)	Ciceri et al. (2015)		
HAT-P-24b	$2455800.7899^{+0.0003}_{-0.0003}$	$6373.0^{+80.0}_{-80.0}$	$0.097^{+0.0012}_{-0.0012}$	$7.6^{+0.3}_{-0.3}$	$88.6^{+0.7}_{-0.7}$
	$3.355246^{+9e-07}_{-9e-07}$	$4.27^{+0.04}_{-0.04}$	$0.067^{+0.024}_{-0.024}$	$197.0^{+36.0}_{-36.0}$	
	Kokori et al. (2022)	Kipping et al. (2010)	Kipping et al. (2010)		
HAT-P-25b	$2456590.49235^{+0.00022}_{-0.00022}$	$5500.0^{+80.0}_{-80.0}$	$0.1269^{+0.0011}_{-0.0011}$	$10.9^{+0.3}_{-0.3}$	$88.2^{+0.5}_{-0.4}$
	$3.6528162^{+8e-07}_{-8e-07}$	$4.48^{+0.04}_{-0.04}$	$0.023^{+0.022}_{-0.014}$	$287.0^{+52.0}_{-17.0}$	
	Kokori et al. (2022)	Quinn et al. (2012)	Wang et al. (2018b)		
HAT-P-26b	$2456892.59046^{+0.0001}_{-0.0001}$	$5079.0^{+88.0}_{-88.0}$	$0.0737^{+0.0012}_{-0.0012}$	$13.1^{+0.8}_{-0.8}$	$88.6^{+0.5}_{-0.9}$
	$4.2345002^{+7e-07}_{-7e-07}$	$4.56^{+0.06}_{-0.06}$	$0.12^{+0.06}_{-0.06}$	$54.0^{+165.0}_{-165.0}$	
	Kokori et al. (2022)	Hartman et al. (2011b)	Hartman et al. (2011b)		
HAT-P-27b	$2456638.93852^{+0.00012}_{-0.00012}$	$5300.0^{+90.0}_{-90.0}$	$0.119^{+0.003}_{-0.003}$	$9.7^{+0.4}_{-0.5}$	$84.7^{+0.4}_{-0.7}$
	$3.0395778^{+2.5e-07}_{-2.5e-07}$	$4.51^{+0.04}_{-0.04}$	$0.08^{+0.05}_{-0.05}$	$63.0^{+64.0}_{-64.0}$	
	Kokori et al. (2022)	Béky et al. (2011)	Béky et al. (2011)		
HAT-P-28b	$2458124.34308^{+0.00022}_{-0.00022}$	$5680.0^{+90.0}_{-90.0}$	$0.113^{+0.0024}_{-0.0024}$	$8.4^{+0.6}_{-0.6}$	$88.0^{+0.9}_{-0.9}$
	$3.2572129^{+6e-07}_{-6e-07}$	$4.36^{+0.06}_{-0.06}$	$0.05^{+0.03}_{-0.03}$	$233.0^{+90.0}_{-90.0}$	
	Kokori et al. (2022)	Buchhave et al. (2011)	Buchhave et al. (2011)		
HAT-P-29b	$2457240.8218^{+0.0004}_{-0.0004}$	$6087.0^{+88.0}_{-88.0}$	$0.0885^{+0.0012}_{-0.0012}$	$11.6^{+0.6}_{-0.6}$	$88.0^{+0.6}_{-0.6}$
	$5.723371^{+2.4e-06}_{-2.4e-06}$	$4.34^{+0.06}_{-0.06}$	$0.07^{+0.03}_{-0.03}$	$203.0^{+29.0}_{-36.0}$	
	Kokori et al. (2022)	Buchhave et al. (2011)	Wang et al. (2018a)		
HAT-P-2b	$2454387.4945^{+0.00074}_{-0.00074}$	$6290.0^{+110.0}_{-110.0}$	$0.07227^{+0.00061}_{-0.00061}$	$8.99^{+0.39}_{-0.41}$	$86.72^{+1.12}_{-0.87}$
	$5.6334729^{+6.1e-06}_{-6.1e-06}$	$4.2^{+0.04}_{-0.05}$	$0.5171^{+0.0033}_{-0.0033}$	$185.22^{+0.95}_{-0.95}$	
	Pál et al. (2010)	Torres et al. (2008)	Pál et al. (2010)		
HAT-P-30b	$2455931.45837^{+0.00018}_{-0.00018}$	$6304.0^{+88.0}_{-88.0}$	$0.1109^{+0.0016}_{-0.0016}$	$6.771^{+0.013}_{-0.012}$	$82.7^{+0.19}_{-0.19}$
	$2.8106016^{+5e-07}_{-5e-07}$	$4.36^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Johnson et al. (2011)	Maciejewski et al. (2016b)		
HAT-P-31b	$2458169.941^{+0.0017}_{-0.0017}$	$6065.0^{+100.0}_{-100.0}$	$0.08^{+0.022}_{-0.022}$	$9.34^{+0.15}_{-0.15}$*	$87.1^{+1.8}_{-2.7}$
	$5.005272^{+6e-06}_{-6e-06}$	$4.26^{+0.18}_{-0.18}$	$0.245^{+0.004}_{-0.004}$	$274.3^{+1.8}_{-1.8}$	
	Mallonn et al. (2019b)	Kipping et al. (2011)	Kipping et al. (2011)		
HAT-P-32b	$2456209.25393^{+5e-05}_{-5e-05}$	$6207.0^{+88.0}_{-88.0}$	$0.1489^{+0.0006}_{-0.0006}$	$5.34^{+0.04}_{-0.04}$	$89.0^{+0.7}_{-0.8}$
	$2.15000825^{+1e-07}_{-1e-07}$	$4.329^{+0.021}_{-0.021}$	$0.16^{+0.05}_{-0.03}$	$50.0^{+27.0}_{-18.0}$	
	Kokori et al. (2022)	Hartman et al. (2011c)	Wang et al. (2019b)		
HAT-P-33b	$2456601.47713^{+0.00012}_{-0.00012}$	$6446.0^{+88.0}_{-88.0}$	$0.1058^{+0.0011}_{-0.0011}$	$6.56^{+0.09}_{-0.12}$	$87.2^{+0.0}_{-0.1}$
	$3.4744767^{+3e-07}_{-3e-07}$	$4.146^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2011c)	Hartman et al. (2011c)		
HAT-P-34b	$2456462.1472^{+0.0005}_{-0.0005}$	$6442.0^{+88.0}_{-88.0}$	$0.08^{+0.003}_{-0.003}$	$9.5^{+0.6}_{-0.6}$	$87.1^{+1.2}_{-1.2}$
	$5.452647^{+3e-06}_{-3e-06}$	$4.21^{+0.08}_{-0.08}$	$0.44^{+0.03}_{-0.03}$	$20.0^{+14.0}_{-14.0}$	
	Mallonn et al. (2019b)	Bakos et al. (2012)	Bakos et al. (2012)		
HAT-P-35b	$2455578.66158^{+0.0005}_{-0.0005}$	$6096.0^{+88.0}_{-88.0}$	$0.0954^{+0.0027}_{-0.0027}$	$7.45^{+0.37}_{-0.37}$	$87.3^{+1.0}_{-1.0}$
	$3.646706^{+2.1e-05}_{-2.1e-05}$	$4.214^{+0.067}_{-0.065}$	$0.025^{+0.018}_{-0.018}$	$248.0^{+93.0}_{-93.0}$	
	Bakos et al. (2012)	Bakos et al. (2012)	Bakos et al. (2012)		

HAT-P-36b	$2457334.53507^{+0.0001}_{-0.0001}$	$5560.0^{+100.0}_{-100.0}$	$0.126^{+0.0011}_{-0.0011}$	$4.67^{+0.04}_{-0.03}$	$85.2^{+0.7}_{-0.6}$
	$1.32734682^{+1.2e-07}_{-1.2e-07}$	$4.36^{+0.05}_{-0.05}$	$0.063^{+0.021}_{-0.023}$	$51.0^{+20.0}_{-19.0}$	
	Kokori et al. (2022)	Bakos et al. (2012)	Wang et al. (2019b)		
HAT-P-37b	$2457754.21279^{+0.00015}_{-0.00015}$	$5500.0^{+100.0}_{-100.0}$	$0.1394^{+0.002}_{-0.002}$	$9.19^{+0.31}_{-0.25}$	$86.7^{+0.4}_{-0.3}$
	$2.7974424^{+4e-07}_{-4e-07}$	$4.52^{+0.06}_{-0.06}$	–	–	
	Kokori et al. (2022)	Bakos et al. (2012)	Maciejewski et al. (2016b)		
HAT-P-38b	$2457515.07748^{+0.00011}_{-0.00011}$	$5330.0^{+100.0}_{-100.0}$	$0.0918^{+0.0016}_{-0.0016}$	$12.2^{+1.0}_{-1.0}$	$88.3^{+0.7}_{-0.7}$
	$4.6403288^{+1.1e-06}_{-1.1e-06}$	$4.46^{+0.1}_{-0.1}$	$0.07^{+0.05}_{-0.05}$	$240.0^{+104.0}_{-104.0}$	
	Kokori et al. (2022)	Sato et al. (2012)	Sato et al. (2012)		
HAT-P-39b	$2455208.7513^{+0.0004}_{-0.0004}$	$6430.0^{+100.0}_{-100.0}$	$0.099^{+0.003}_{-0.003}$	$6.74^{+0.25}_{-0.25}$	$87.0^{+1.0}_{-1.0}$
	$3.54387^{+5e-06}_{-5e-06}$	$4.17^{+0.05}_{-0.05}$	–	–	
	Hartman et al. (2012)	Hartman et al. (2012)	Hartman et al. (2012)		
HAT-P-3b	$2455694.72623^{+8e-05}_{-8e-05}$	$5185.0^{+80.0}_{-80.0}$	$0.1063^{+0.002}_{-0.002}$	$10.4^{+0.5}_{-0.5}$	$87.1^{+0.6}_{-0.6}$
	$2.89973826^{+1.5e-07}_{-1.5e-07}$	$4.56^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Torres et al. (2008)	Chan et al. (2011)		
HAT-P-40b	$2456414.9009^{+0.0005}_{-0.0005}$	$6080.0^{+100.0}_{-100.0}$	$0.0807^{+0.0014}_{-0.0014}$	$5.92^{+0.06}_{-0.14}$	$88.3^{+0.9}_{-0.9}$
	$4.4572173^{+1.7e-06}_{-1.7e-06}$	$3.93^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2012)	Hartman et al. (2012)		
HAT-P-41b	$2458071.24389^{+0.00012}_{-0.00012}$	$6390.0^{+100.0}_{-100.0}$	$0.1028^{+0.0016}_{-0.0016}$	$5.44^{+0.09}_{-0.15}$	$87.7^{+1.0}_{-1.0}$
	$2.6940497^{+8e-07}_{-8e-07}$	$4.14^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2012)	Hartman et al. (2012)		
HAT-P-42b	$2456036.0799^{+0.0008}_{-0.0008}$	$5743.0^{+50.0}_{-50.0}$	$0.086^{+0.003}_{-0.003}$	$8.1^{+0.8}_{-0.5}$	$85.9^{+1.3}_{-0.8}$
	$4.641838^{+8e-06}_{-8e-06}$	$4.14^{+0.07}_{-0.07}$	–	–	
	Mallonn et al. (2019b)	Boisse et al. (2013)	Boisse et al. (2013)		
HAT-P-43b	$2456147.3425^{+0.0003}_{-0.0003}$	$5645.0^{+74.0}_{-74.0}$	$0.1193^{+0.0018}_{-0.0018}$	$8.64^{+0.12}_{-0.28}$	$88.7^{+0.7}_{-0.7}$
	$3.332683^{+1.9e-06}_{-1.9e-06}$	$4.37^{+0.02}_{-0.02}$	–	–	
	Mallonn et al. (2019b)	Boisse et al. (2013)	Boisse et al. (2013)		
HAT-P-44b	$2457284.0768^{+0.0004}_{-0.0004}$	$5295.0^{+100.0}_{-100.0}$	$0.1343^{+0.001}_{-0.001}$	$11.5^{+0.5}_{-0.8}$	$89.1^{+0.4}_{-0.4}$
	$4.30119^{+1e-06}_{-1e-06}$	$4.46^{+0.06}_{-0.06}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2014)	Hartman et al. (2014)		
HAT-P-45b	$2456502.8481^{+0.0003}_{-0.0003}$	$6330.0^{+100.0}_{-100.0}$	$0.111^{+0.0021}_{-0.0021}$	$7.4^{+0.4}_{-0.6}$	$87.8^{+0.9}_{-0.9}$
	$3.1289923^{+1.4e-06}_{-1.4e-06}$	$4.3^{+0.06}_{-0.06}$	–	–	
	Mallonn et al. (2019b)	Hartman et al. (2014)	Hartman et al. (2014)		
HAT-P-46b	$2455969.1255^{+0.0004}_{-0.0004}$	$6120.0^{+100.0}_{-100.0}$	$0.0942^{+0.0017}_{-0.0017}$	$8.9^{+0.9}_{-1.2}$	$85.5^{+0.8}_{-2.3}$
	$4.463137^{+5e-06}_{-5e-06}$	$4.25^{+0.11}_{-0.11}$	$0.12^{+0.12}_{-0.12}$	$70.0^{+87.0}_{-87.0}$	
	Mallonn et al. (2019b)	Hartman et al. (2014)	Hartman et al. (2014)		
HAT-P-49b	$2457077.8963^{+0.0005}_{-0.0005}$	$6820.0^{+52.0}_{-52.0}$	$0.0792^{+0.0019}_{-0.0019}$	$5.13^{+0.19}_{-0.3}$	$86.2^{+1.7}_{-1.7}$
	$2.6915535^{+1.2e-06}_{-1.2e-06}$	$4.1^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Bieryla et al. (2014)	Bieryla et al. (2014)		
HAT-P-4b	$2454740.97205^{+0.0002}_{-0.0002}$	$5860.0^{+80.0}_{-80.0}$	$0.086^{+0.008}_{-0.008}$	$6.0^{+0.3}_{-0.3}$	$89.7^{+0.3}_{-0.3}$
	$3.0565233^{+6e-07}_{-6e-07}$	$4.36^{+0.11}_{-0.11}$	–	–	
	Kokori et al. (2022)	Torres et al. (2008)	Christiansen et al. (2011)		
HAT-P-50b	$2456526.3049^{+0.0003}_{-0.0003}$	$6280.0^{+49.0}_{-49.0}$	$0.0782^{+0.0012}_{-0.0012}$	$5.68^{+0.19}_{-0.19}$	$83.7^{+0.6}_{-0.6}$
	$3.1220018^{+1.3e-06}_{-1.3e-06}$	$4.07^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2015a)	Hartman et al. (2015a)		
HAT-P-51b	$2457868.67797^{+0.00024}_{-0.00024}$	$5449.0^{+50.0}_{-50.0}$	$0.1278^{+0.002}_{-0.002}$	$10.5^{+0.3}_{-0.4}$	$88.5^{+0.6}_{-0.6}$
	$4.2180226^{+9e-07}_{-9e-07}$	$4.39^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2015a)	Hartman et al. (2015a)		
HAT-P-52b	$2456581.8074^{+0.0004}_{-0.0004}$	$5131.0^{+50.0}_{-50.0}$	$0.116^{+0.003}_{-0.003}$	$8.9^{+0.5}_{-0.5}$	$87.0^{+0.9}_{-0.9}$

	$2.7535973^{+1.3e-06}_{-1.3e-06}$	$4.48^{+0.05}_{-0.05}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2015a)	Hartman et al. (2015a)		
HAT-P-53b	$2457502.7149^{+0.0003}_{-0.0003}$	$5956.0^{+50.0}_{-50.0}$	$0.112^{+0.0019}_{-0.0019}$	$5.6^{+0.3}_{-0.3}$	$86.2^{+1.5}_{-1.5}$
	$1.9616248^{+4e-07}_{-4e-07}$	$4.31^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2015a)	Hartman et al. (2015a)		
HAT-P-54b	$2458419.62257^{+0.00019}_{-0.00019}$	$4390.0^{+50.0}_{-50.0}$	$0.1572^{+0.002}_{-0.002}$	$14.34^{+0.22}_{-0.22}$	$87.04^{+0.08}_{-0.08}$
	$3.7998534^{+8e-07}_{-8e-07}$	$4.67^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	Bakos et al. (2015a)	Bakos et al. (2015a)		
HAT-P-55b	$2457720.3595^{+0.0003}_{-0.0003}$	$5808.0^{+50.0}_{-50.0}$	$0.1202^{+0.0019}_{-0.0019}$	$9.8^{+0.3}_{-0.3}$	$87.7^{+0.6}_{-0.6}$
	$3.5852329^{+1.2e-06}_{-1.2e-06}$	$4.43^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Juncher et al. (2015)	Juncher et al. (2015)		
HAT-P-56b	$2457700.6456^{+0.0004}_{-0.0004}$	$6566.0^{+50.0}_{-50.0}$	$0.1054^{+0.0009}_{-0.0009}$	$6.37^{+0.11}_{-0.11}$	$82.13^{+0.18}_{-0.18}$
	$2.7908235^{+9e-07}_{-9e-07}$	$4.24^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	Huang et al. (2015a)	Huang et al. (2015a)		
HAT-P-57b	$2457159.6765^{+0.0006}_{-0.0006}$	$7500.0^{+250.0}_{-250.0}$	$0.0968^{+0.0015}_{-0.0015}$	$5.83^{+0.07}_{-0.12}$	$88.3^{+0.8}_{-0.8}$
	$2.4652946^{+7e-07}_{-7e-07}$	$4.25^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2015b)	Hartman et al. (2015b)		
HAT-P-59b	$2458618.54088^{+0.00021}_{-0.00021}$	$5678.0^{+16.0}_{-16.0}$	$0.10452^{+0.00096}_{-0.00096}$	$9.87^{+0.12}_{-0.12}$	$85.18^{+0.1}_{-0.1}$
	$4.1419771^{+1.2e-06}_{-1.2e-06}$	$4.36^{+0.01}_{-0.01}$	–	–	
	Bakos et al. (2021)	Bakos et al. (2021)	Bakos et al. (2021)		
HAT-P-5b	$2455705.72567^{+0.00024}_{-0.00024}$	$5960.0^{+100.0}_{-100.0}$	$0.1106^{+0.0006}_{-0.0006}$	$7.5^{+0.19}_{-0.19}$	$86.8^{+0.4}_{-0.4}$
	$2.7884735^{+5e-07}_{-5e-07}$	$4.0^{+0.2}_{-0.2}$	–	–	
	Kokori et al. (2022)	Torres et al. (2008)	Torres et al. (2008)		
HAT-P-62b	$2457118.38979^{+0.00044}_{-0.00044}$	$5629.0^{+48.0}_{-48.0}$	$0.0942^{+0.0019}_{-0.0019}$	$6.93^{+0.11}_{-0.11}$	$87.93^{+0.64}_{-0.64}$
	$2.6453235^{+3.9e-06}_{-3.9e-06}$	$4.31^{+0.01}_{-0.01}$	–	–	
	Bakos et al. (2021)	Bakos et al. (2021)	Bakos et al. (2021)		
HAT-P-65b	$2457149.2808^{+0.0004}_{-0.0004}$	$5835.0^{+51.0}_{-51.0}$	$0.1045^{+0.0024}_{-0.0024}$	$4.57^{+0.2}_{-0.2}$	$84.2^{+1.3}_{-1.3}$
	$2.6054485^{+9e-07}_{-9e-07}$	$3.98^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2016)	Hartman et al. (2016)		
HAT-P-66b	$2457258.7999^{+0.0007}_{-0.0007}$	$6002.0^{+50.0}_{-50.0}$	$0.0872^{+0.0024}_{-0.0024}$	$5.01^{+0.21}_{-0.32}$	$86.2^{+1.8}_{-1.8}$
	$2.972086^{+6e-06}_{-6e-06}$	$3.99^{+0.04}_{-0.04}$	–	–	
	Hartman et al. (2016)	Hartman et al. (2016)	Hartman et al. (2016)		
HAT-P-67b	$2455961.3854^{+0.0008}_{-0.0008}$	$6406.0^{+65.0}_{-61.0}$	$0.0834^{+0.0017}_{-0.0017}$	$5.69^{+0.06}_{-0.12}$	$88.8^{+1.1}_{-1.3}$
	$4.8101025^{+4e-07}_{-4e-07}$	$3.85^{+0.01}_{-0.02}$	–	–	
	Zhou et al. (2017)	Zhou et al. (2017)	Zhou et al. (2017)		
HAT-P-68b	$2456614.20355^{+0.00014}_{-0.00014}$	$4508.0^{+43.0}_{-43.0}$	$0.1644^{+0.0015}_{-0.0015}$	$9.6^{+0.185}_{-0.047}$	$88.73^{+0.47}_{-0.27}$
	$2.29840551^{+5.2e-07}_{-5.2e-07}$	$4.62^{+0.01}_{-0.01}$	–	–	
	Lindor et al. (2021)	Lindor et al. (2021)	Lindor et al. (2021)		
HAT-P-69b	$2458495.78861^{+0.00073}_{-0.00073}$	$7394.0^{+360.0}_{-600.0}$	$0.08703^{+0.00075}_{-0.00075}$	$7.32^{+0.16}_{-0.18}$	$87.19^{+0.52}_{-0.72}$
	$4.7869491^{+2.1e-06}_{-2.1e-06}$	$4.11^{+0.03}_{-0.06}$	–	–	
	Zhou et al. (2019a)	Zhou et al. (2019a)	Zhou et al. (2019a)		
HAT-P-6b	$2455260.92994^{+0.00021}_{-0.00021}$	$6570.0^{+80.0}_{-80.0}$	$0.0934^{+0.0005}_{-0.0005}$	$7.69^{+0.22}_{-0.22}$	$85.5^{+0.3}_{-0.3}$
	$3.8529962^{+5e-07}_{-5e-07}$	$4.22^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Noyes et al. (2008)	Torres et al. (2008)		
HAT-P-70b	$2458439.57519^{+0.00045}_{-0.00045}$	$8450.0^{+540.0}_{-690.0}$	$0.09887^{+0.00133}_{-0.00133}$	$5.31^{+0.06*}_{-0.06}$	$83.5^{+0.91}_{-1.42}$
	$2.74432452^{+7.9e-07}_{-7.9e-07}$	$4.18^{+0.06}_{-0.06}$	–	–	
	Zhou et al. (2019a)	Zhou et al. (2019a)	Zhou et al. (2019a)		
HAT-P-7b	$2455174.8326^{+0.0003}_{-0.0003}$	$6350.0^{+80.0}_{-80.0}$	$0.0781^{+0.0007}_{-0.0007}$	$4.03^{+0.16}_{-0.16}$	$82.2^{+1.2}_{-1.2}$
	$2.2047363^{+7e-07}_{-7e-07}$	$4.07^{+0.08}_{-0.04}$	$0.0016^{+0.0034}_{-0.001}$	$165.0^{+93.0}_{-66.0}$	
	Kokori et al. (2022)	Pál et al. (2008)	Wong et al. (2016)		

HAT-P-8b	$2455945.0839^{+0.0003}_{-0.0003}$ $3.0763433^{+7e-07}_{-7e-07}$ Kokori et al. (2022)	$6200.0^{+80.0}_{-80.0}$ $4.15^{+0.05}_{-0.05}$ Latham et al. (2009)	$0.0921^{+0.0005}_{-0.0005}$ $6.29^{+0.06}_{-0.06}$ $87.1^{+0.4}_{-0.4}$ – – Mancini et al. (2013b)
HAT-P-9b	$2455473.14492^{+0.00023}_{-0.00023}$ $3.9228105^{+8e-07}_{-8e-07}$ Kokori et al. (2022)	$6350.0^{+150.0}_{-150.0}$ $4.3^{+0.06}_{-0.06}$ Shporer et al. (2009b)	$0.107^{+0.0009}_{-0.0009}$ $8.5^{+0.3}_{-0.3}$ $86.4^{+0.4}_{-0.4}$ $0.08^{+0.05}_{-0.05}$ $152.0^{+42.0}_{-39.0}$ Wang et al. (2019b)
HATS-10b	$2456457.88268^{+0.00022}_{-0.00022}$ $3.312846^{+6e-06}_{-6e-06}$ Brahm et al. (2015)	$5880.0^{+120.0}_{-120.0}$ $4.39^{+0.03}_{-0.03}$ Brahm et al. (2015)	$0.0903^{+0.0013}_{-0.0013}$ $8.7^{+0.3}_{-0.4}$ $87.8^{+0.7}_{-0.7}$ – – Brahm et al. (2015)
HATS-11b	$2457378.41989^{+7e-05}_{-7e-05}$ $3.619163^{+3e-06}_{-3e-06}$ Bayliss et al. (2018a)	$6060.0^{+150.0}_{-150.0}$ $4.12^{+0.03}_{-0.03}$ Rabus et al. (2016)	$0.108^{+0.003}_{-0.003}$ $6.88^{+0.18}_{-0.27}$ $88.3^{+0.9}_{-0.9}$ – – Rabus et al. (2016)
HATS-13b	$2456824.3225^{+0.00023}_{-0.00023}$ $3.0440546^{+7e-07}_{-7e-07}$ Kokori et al. (2022)	$5523.0^{+69.0}_{-69.0}$ $4.52^{+0.02}_{-0.02}$ Mancini et al. (2015a)	$0.1402^{+0.0016}_{-0.0016}$ $9.82^{+0.18}_{-0.18}$ $88.5^{+0.4}_{-0.4}$ – – Mancini et al. (2015a)
HATS-17b	$2457139.168^{+0.0014}_{-0.0014}$ $16.25461^{+7e-05}_{-7e-05}$ Brahm et al. (2016a)	$5846.0^{+78.0}_{-78.0}$ $4.42^{+0.04}_{-0.04}$ Brahm et al. (2016a)	$0.073^{+0.003}_{-0.003}$ $25.8^{+1.1}_{-1.5}$ $89.1^{+0.3}_{-0.3}$ – – Brahm et al. (2016a)
HATS-1b	$2457901.9514^{+0.0004}_{-0.0004}$ $3.4464553^{+8e-07}_{-8e-07}$ Kokori et al. (2022)	$5870.0^{+100.0}_{-100.0}$ $4.4^{+0.11}_{-0.11}$ Penev et al. (2013)	$0.1288^{+0.002}_{-0.002}$ $9.2^{+0.8}_{-0.8}$ $85.6^{+0.6}_{-1.4}$ $0.12^{+0.09}_{-0.09}$ $18.0^{+30.0}_{-18.0}$ Penev et al. (2013)
HATS-22b	$2457768.11264^{+0.00023}_{-0.00023}$ $4.7228189^{+1.2e-06}_{-1.2e-06}$ Kokori et al. (2022)	$4803.0^{+55.0}_{-55.0}$ $4.64^{+0.03}_{-0.03}$ Bento et al. (2017)	$0.143^{+0.003}_{-0.003}$ $15.7^{+0.4}_{-0.7}$ $87.96^{+0.21}_{-0.21}$ $0.08^{+0.03}_{-0.03}$ $56.0^{+73.0}_{-73.0}$ Bento et al. (2017)
HATS-23b	$2457072.85344^{+0.0007}_{-0.0007}$ $2.1605156^{+4.5e-06}_{-4.5e-06}$ Bento et al. (2017)	$5780.0^{+120.0}_{-120.0}$ $4.33^{+0.04}_{-0.04}$ Bento et al. (2017)	$0.159^{+0.02}_{-0.02}$ $6.08^{+0.41}_{-0.26}$ $81.02^{+0.93}_{-0.62}$ – – Bento et al. (2017)
HATS-24b	$2458237.2874^{+0.0005}_{-0.0005}$ $1.3484963^{+7e-07}_{-7e-07}$ Kokori et al. (2022)	$6346.0^{+81.0}_{-81.0}$ $4.38^{+0.02}_{-0.02}$ Bento et al. (2017)	$0.131^{+0.003}_{-0.003}$ $4.67^{+0.1}_{-0.14}$ $86.6^{+1.2}_{-1.2}$ – – Bento et al. (2017)
HATS-25b	$2456870.3695^{+0.0005}_{-0.0005}$ $4.298643^{+5e-06}_{-5e-06}$ Espinoza et al. (2016)	$5715.0^{+73.0}_{-73.0}$ $4.35^{+0.05}_{-0.05}$ Espinoza et al. (2016)	$0.117^{+0.003}_{-0.003}$ $10.0^{+0.6}_{-0.6}$ $86.9^{+0.7}_{-0.7}$ – – Espinoza et al. (2016)
HATS-26b	$2456867.424^{+0.0012}_{-0.0012}$ $3.302388^{+8e-06}_{-8e-06}$ Espinoza et al. (2016)	$6071.0^{+81.0}_{-81.0}$ $3.94^{+0.05}_{-0.05}$ Espinoza et al. (2016)	$0.088^{+0.005}_{-0.005}$ $5.0^{+0.3}_{-0.3}$ $86.2^{+1.9}_{-1.9}$ – – Espinoza et al. (2016)
HATS-27b	$2457029.3382^{+0.0011}_{-0.0011}$ $4.637038^{+1.4e-05}_{-1.4e-05}$ Espinoza et al. (2016)	$6438.0^{+64.0}_{-64.0}$ $4.11^{+0.05}_{-0.05}$ Espinoza et al. (2016)	$0.089^{+0.004}_{-0.004}$ $7.5^{+0.4}_{-0.6}$ $87.3^{+1.3}_{-1.3}$ – – Espinoza et al. (2016)
HATS-29b	$2457851.8034^{+0.0005}_{-0.0005}$ $4.6058791^{+2.4e-06}_{-2.4e-06}$ Kokori et al. (2022)	$5670.0^{+110.0}_{-110.0}$ $4.39^{+0.03}_{-0.03}$ Espinoza et al. (2016)	$0.12^{+0.003}_{-0.003}$ $11.0^{+0.3}_{-0.3}$ $87.4^{+0.3}_{-0.3}$ – – Espinoza et al. (2016)
HATS-2b	$2455954.58657^{+9e-05}_{-9e-05}$ $1.354133^{+1e-06}_{-1e-06}$ Mohler-Fischer et al. (2013)	$5227.0^{+95.0}_{-95.0}$ $4.48^{+0.02}_{-0.02}$ Mohler-Fischer et al. (2013)	$0.1335^{+0.001}_{-0.001}$ $5.5^{+0.09}_{-0.09}$ $87.2^{+0.7}_{-0.7}$ – – Mohler-Fischer et al. (2013)
HATS-30b	$2457912.2004^{+0.0003}_{-0.0003}$ $3.1743516^{+7e-07}_{-7e-07}$ Kokori et al. (2022)	$5943.0^{+70.0}_{-70.0}$ $4.42^{+0.03}_{-0.03}$ Espinoza et al. (2016)	$0.1137^{+0.0017}_{-0.0017}$ $8.8^{+0.3}_{-0.3}$ $86.8^{+0.5}_{-0.5}$ – – Espinoza et al. (2016)

HATS-31b	$2456960.1484^{+0.0011}_{-0.0011}$	$6050.0^{+120.0}_{-120.0}$	$0.091^{+0.005}_{-0.005}$	$5.5^{+0.4}_{-0.4}$	$85.0^{+2.5}_{-1.6}$
	$3.37796^{+1.2e-05}_{-1.2e-05}$	$4.0^{+0.07}_{-0.07}$	–	–	
	de Val-Borro et al. (2016)	de Val-Borro et al. (2016)	de Val-Borro et al. (2016)		
HATS-33b	$2458090.7093^{+0.0005}_{-0.0005}$	$5659.0^{+85.0}_{-85.0}$	$0.124^{+0.008}_{-0.008}$	$7.8^{+0.3}_{-0.3}$	$87.6^{+0.9}_{-0.9}$
	$2.5495627^{+1.1e-06}_{-1.1e-06}$	$4.45^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	de Val-Borro et al. (2016)	de Val-Borro et al. (2016)		
HATS-34b	$2456634.8581^{+0.00075}_{-0.00075}$	$5380.0^{+73.0}_{-73.0}$	$0.15^{+0.014}_{-0.014}$	$6.96^{+0.34}_{-0.34}$	$82.28^{+0.43}_{-0.59}$
	$2.1061607^{+4.7e-06}_{-4.7e-06}$	$4.43^{+0.04}_{-0.04}$	–	–	
	de Val-Borro et al. (2016)	de Val-Borro et al. (2016)	de Val-Borro et al. (2016)		
HATS-35b	$2457899.5875^{+0.0003}_{-0.0003}$	$6300.0^{+100.0}_{-100.0}$	$0.1051^{+0.0012}_{-0.0012}$	$4.79^{+0.11}_{-0.16}$	$86.9^{+1.3}_{-1.3}$
	$1.8210014^{+6e-07}_{-6e-07}$	$4.24^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	de Val-Borro et al. (2016)	de Val-Borro et al. (2016)		
HATS-39b	$2457315.2842^{+0.0006}_{-0.0006}$	$6572.0^{+83.0}_{-83.0}$	$0.099^{+0.003}_{-0.003}$	$8.0^{+0.4}_{-0.4}$	$85.0^{+0.5}_{-0.5}$
	$4.577635^{+7e-06}_{-7e-06}$	$4.16^{+0.04}_{-0.04}$	–	–	
	Bento et al. (2018)	Bento et al. (2018)	Bento et al. (2018)		
HATS-3b	$2456155.96808^{+0.00014}_{-0.00014}$	$6351.0^{+76.0}_{-76.0}$	$0.1011^{+0.0006}_{-0.0006}$	$7.42^{+0.12}_{-0.12}$	$86.2^{+0.3}_{-0.3}$
	$3.547851^{+5e-06}_{-5e-06}$	$4.22^{+0.01}_{-0.01}$	–	–	
	Bayliss et al. (2013)	Bayliss et al. (2013)	Bayliss et al. (2013)		
HATS-40b	$2456962.6768^{+0.001}_{-0.001}$	$6460.0^{+130.0}_{-130.0}$	$0.072^{+0.003}_{-0.003}$	$4.74^{+0.22}_{-0.31}$	$85.8^{+1.8}_{-1.8}$
	$3.264274^{+6e-06}_{-6e-06}$	$3.92^{+0.04}_{-0.04}$	–	–	
	Bento et al. (2018)	Bento et al. (2018)	Bento et al. (2018)		
HATS-41b	$2456795.7248^{+0.0014}_{-0.0014}$	$6424.0^{+91.0}_{-91.0}$	$0.08^{+0.004}_{-0.004}$	$7.3^{+1.0}_{-1.0}$	$80.4^{+2.3}_{-4.2}$
	$4.193649^{+1.3e-05}_{-1.3e-05}$	$4.14^{+0.11}_{-0.11}$	$0.38^{+0.11}_{-0.11}$	$136.0^{+18.0}_{-18.0}$	
	Bento et al. (2018)	Bento et al. (2018)	Bento et al. (2018)		
HATS-42b	$2456768.60812^{+0.00069}_{-0.00069}$	$6060.0^{+120.0}_{-120.0}$	$0.0976^{+0.004}_{-0.004}$	$5.36^{+0.39}_{-0.56}$	$85.1^{+2.1}_{-2.1}$
	$2.292102^{+2.1e-06}_{-2.1e-06}$	$4.2^{+0.07}_{-0.07}$	–	–	
	Bento et al. (2018)	Bento et al. (2018)	Bento et al. (2018)		
HATS-43b	$2458039.86444^{+0.00022}_{-0.00022}$	$5099.0^{+61.0}_{-61.0}$	$0.1492^{+0.0017}_{-0.0017}$	$13.0^{+0.7}_{-0.4}$	$89.2^{+0.3}_{-0.4}$
	$4.3888499^{+1.4e-06}_{-1.4e-06}$	$4.54^{+0.04}_{-0.04}$	$0.17^{+0.09}_{-0.09}$	$330.0^{+120.0}_{-120.0}$	
	Kokori et al. (2022)	Brahm et al. (2018a)	Brahm et al. (2018a)		
HATS-45b	$2456731.1961^{+0.0007}_{-0.0007}$	$6450.0^{+110.0}_{-110.0}$	$0.1^{+0.004}_{-0.004}$	$9.0^{+0.4}_{-0.4}$	$85.6^{+0.4}_{-0.4}$
	$4.187624^{+6e-06}_{-6e-06}$	$4.3^{+0.04}_{-0.04}$	–	–	
	Brahm et al. (2018a)	Brahm et al. (2018a)	Brahm et al. (2018a)		
HATS-46b	$2457376.6862^{+0.0006}_{-0.0006}$	$5495.0^{+69.0}_{-69.0}$	$0.109^{+0.003}_{-0.003}$	$13.6^{+0.5}_{-0.7}$	$87.32^{+0.22}_{-0.31}$
	$4.742373^{+5e-06}_{-5e-06}$	$4.54^{+0.04}_{-0.04}$	–	–	
	Brahm et al. (2018a)	Brahm et al. (2018a)	Brahm et al. (2018a)		
HATS-48Ab	$2457100.55022^{+0.00045}_{-0.00045}$	$4546.0^{+23.0}_{-18.0}$	$0.1148^{+0.002}_{-0.002}$	$11.33^{+0.049}_{-0.049}$	$89.58^{+0.18}_{-0.18}$
	$3.1316666^{+3.7e-06}_{-3.7e-06}$	$4.591^{+0.039}_{-0.039}$	–	–	
	Hartman et al. (2020)	Hartman et al. (2020)	Hartman et al. (2020)		
HATS-4b	$2457086.8394^{+0.0003}_{-0.0003}$	$5403.0^{+50.0}_{-50.0}$	$0.113^{+0.003}_{-0.003}$	$8.43^{+0.17}_{-0.22}$	$88.5^{+0.6}_{-0.6}$
	$2.5167278^{+5e-07}_{-5e-07}$	$4.51^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Jordán et al. (2014)	Jordán et al. (2014)		
HATS-51b	$2457042.0049^{+0.0006}_{-0.0006}$	$5758.0^{+58.0}_{-58.0}$	$0.101^{+0.004}_{-0.004}$	$7.93^{+0.1*}_{-0.1}$	$87.1^{+1.6}_{-1.6}$
	$3.34887^{+4e-06}_{-4e-06}$	$4.2^{+0.09}_{-0.09}$	–	–	
	Henning et al. (2018)	Henning et al. (2018)	Henning et al. (2018)		
HATS-52b	$2456929.0312^{+0.0003}_{-0.0003}$	$6010.0^{+150.0}_{-150.0}$	$0.135^{+0.003}_{-0.003}$	$5.14^{+0.22}_{-0.22}$	$84.7^{+1.1}_{-1.1}$

	$1.3666544^{+9e-07}_{-9e-07}$	$4.45^{+0.03}_{-0.03}$	–	–	
	Henning et al. (2018)	Henning et al. (2018)	Henning et al. (2018)		
HATS-53b	$2457236.75732^{+0.00049}_{-0.00049}$	$5644.0^{+94.0}_{-94.0}$	$0.125^{+0.0028}_{-0.0028}$	$9.3^{+0.15}_{-0.22}$	$88.78^{+0.55}_{-0.55}$
	$3.8537768^{+3.8e-06}_{-3.8e-06}$	$4.34^{+0.02}_{-0.02}$	–	–	
	Henning et al. (2018)	Henning et al. (2018)	Henning et al. (2018)		
HATS-56b	$2457788.0037^{+0.0012}_{-0.0012}$	$6536.0^{+31.0}_{-31.0}$	$0.0789^{+0.0018}_{-0.0018}$	$5.902^{+0.085}_{-0.085}$	$83.29^{+0.21}_{-0.21}$
	$4.324799^{+2.7e-05}_{-2.7e-05}$	$3.95^{+0.01}_{-0.01}$	–	–	
	Espinoza et al. (2019b)	Espinoza et al. (2019b)	Espinoza et al. (2019b)		
HATS-57b	$2457778.49669^{+0.00025}_{-0.00025}$	$5587.0^{+19.0}_{-19.0}$	$0.1218^{+0.0023}_{-0.0023}$	$7.82^{+0.12}_{-0.12}$	$87.88^{+0.4}_{-0.4}$
	$2.350621^{+1.3e-06}_{-1.3e-06}$	$4.48^{+0.02}_{-0.02}$	–	–	
	Espinoza et al. (2019b)	Espinoza et al. (2019b)	Espinoza et al. (2019b)		
HATS-58Ab	$2457463.2999^{+0.0017}_{-0.0017}$	$7175.0^{+54.0}_{-54.0}$	$0.0786^{+0.0025}_{-0.0025}$	$8.71^{+0.3}_{-0.3}$	$85.69^{+0.33}_{-0.33}$
	$4.2180896^{+8.9e-06}_{-8.9e-06}$	$4.29^{+0.03}_{-0.03}$	–	–	
	Espinoza et al. (2019b)	Espinoza et al. (2019b)	Espinoza et al. (2019b)		
HATS-5b	$2456392.8762^{+0.0003}_{-0.0003}$	$5304.0^{+50.0}_{-50.0}$	$0.1076^{+0.0004}_{-0.0004}$	$13.4^{+0.3}_{-0.3}$	$89.3^{+0.3}_{-0.3}$
	$4.76339^{+3e-06}_{-3e-06}$	$4.53^{+0.02}_{-0.02}$	$0.019^{+0.019}_{-0.019}$	$204.0^{+107.0}_{-107.0}$	
	Kokori et al. (2022)	Zhou et al. (2014)	Zhou et al. (2014)		
HATS-60b	$2458015.7244^{+0.0008}_{-0.0008}$	$5688.0^{+20.0}_{-20.0}$	$0.081^{+0.003}_{-0.003}$	$6.93^{+0.11}_{-0.11}$	$86.3^{+0.3}_{-0.3}$
	$3.56083^{+3e-05}_{-3e-05}$	$4.15^{+0.01}_{-0.01}$	–	–	
	Hartman et al. (2019)	Hartman et al. (2019)	Hartman et al. (2019)		
HATS-64b	$2457769.8237^{+0.0008}_{-0.0008}$	$6554.0^{+27.0}_{-27.0}$	$0.0817^{+0.0024}_{-0.0024}$	$6.68^{+0.2}_{-0.2}$	$87.2^{+0.8}_{-0.8}$
	$4.908897^{+1.3e-05}_{-1.3e-05}$	$3.98^{+0.02}_{-0.02}$	–	–	
	Hartman et al. (2019)	Hartman et al. (2019)	Hartman et al. (2019)		
HATS-65b	$2457520.9621^{+0.0004}_{-0.0004}$	$6277.0^{+30.0}_{-30.0}$	$0.118^{+0.003}_{-0.003}$	$7.38^{+0.16}_{-0.16}$	$84.8^{+0.3}_{-0.3}$
	$3.105161^{+1.6e-06}_{-1.6e-06}$	$4.3^{+0.02}_{-0.02}$	–	–	
	Hartman et al. (2019)	Hartman et al. (2019)	Hartman et al. (2019)		
HATS-67b	$2457796.8821^{+0.0004}_{-0.0004}$	$6594.0^{+33.0}_{-33.0}$	$0.1201^{+0.002}_{-0.002}$	$4.53^{+0.08}_{-0.08}$	$79.0^{+0.3}_{-0.3}$
	$1.609179^{+4e-06}_{-4e-06}$	$4.28^{+0.01}_{-0.01}$	–	–	
	Hartman et al. (2019)	Hartman et al. (2019)	Hartman et al. (2019)		
HATS-68b	$2457410.4094^{+0.0011}_{-0.0011}$	$6147.0^{+22.0}_{-22.0}$	$0.0725^{+0.0016}_{-0.0016}$	$6.23^{+0.09}_{-0.09}$	$83.21^{+0.19}_{-0.19}$
	$3.58622^{+5e-06}_{-5e-06}$	$4.08^{+0.01}_{-0.01}$	–	–	
	Hartman et al. (2019)	Hartman et al. (2019)	Hartman et al. (2019)		
HATS-6b	$2456660.36771^{+0.00013}_{-0.00013}$	$3724.0^{+18.0}_{-18.0}$	$0.1798^{+0.0008}_{-0.0008}$	$13.65^{+0.15}_{-0.15}$	$88.21^{+0.08}_{-0.08}$
	$3.325272^{+3e-06}_{-3e-06}$	$4.68^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	Hartman et al. (2015c)	Hartman et al. (2015c)		
HATS-70b	$2456911.87486^{+0.0008}_{-0.0008}$	$7930.0^{+630.0}_{-820.0}$	$0.074^{+0.0028}_{-0.0028}$	$4.17^{+0.16}_{-0.13}$	$86.7^{+1.6}_{-1.9}$
	$1.8882378^{+1.5e-06}_{-1.5e-06}$	$4.17^{+0.04}_{-0.04}$	–	–	
	Zhou et al. (2019b)	Zhou et al. (2019b)	Zhou et al. (2019b)		
HATS-72b	$2458087.64782^{+7.5e-05}_{-7.5e-05}$	$4656.1^{+8.9}_{-8.9}$	$0.1029^{+0.00034}_{-0.00034}$	$19.821^{+0.048}_{-0.048}$	$89.56^{+0.07}_{-0.05}$
	$7.3279474^{+1.6e-06}_{-1.6e-06}$	$4.59^{+0.0}_{-0.0}$	–	–	
	Hartman et al. (2020)	Hartman et al. (2020)	Hartman et al. (2020)		
HATS-7b	$2456528.2978^{+0.0006}_{-0.0006}$	$4985.0^{+50.0}_{-50.0}$	$0.0711^{+0.0019}_{-0.0019}$	$10.6^{+0.5}_{-0.7}$	$87.9^{+0.8}_{-0.8}$
	$3.185315^{+5e-06}_{-5e-06}$	$4.54^{+0.05}_{-0.05}$	–	–	
	Bakos et al. (2015b)	Bakos et al. (2015b)	Bakos et al. (2015b)		
HD106315c	$2457611.132^{+0.004}_{-0.004}$	$6290.0^{+60.0}_{-60.0}$	$0.0303^{+0.0016}_{-0.0016}$	$33.4^{+1.9}_{-5.3}$	$89.4^{+0.4}_{-0.7}$
	$21.0568^{+0.0005}_{-0.0005}$	$4.29^{+0.07}_{-0.07}$	–	–	
	Lendl et al. (2017b)	Crossfield et al. (2017)	Crossfield et al. (2017)		
HD108236b	$2458572.1128^{+0.0031}_{-0.0031}$	$5730.0^{+50.0}_{-50.0}$	$0.01638^{+0.00095}_{-0.00095}$	$11.35^{+0.34}_{-0.34}$	$87.88^{+1.3}_{-0.87}$
	$3.79523^{+0.00047}_{-0.00047}$	$4.5^{+0.5}_{-0.5}$	$0.2^{+0.3}_{-0.14}$	$190.0^{+140.0}_{-140.0}$	
	Daylan et al. (2021)	Daylan et al. (2021)	Daylan et al. (2021)		

HD108236c	$2458572.3949^{+0.0025}_{-0.0025}$ $6.2037^{+0.00064}_{-0.00064}$ Daylan et al. (2021)	$5730.0^{+50.0}_{-50.0}$ $4.5^{+0.5}_{-0.5}$ Daylan et al. (2021)	$0.02134^{+0.00094}_{-0.00094}$ $0.18^{+0.34}_{-0.14}$ Daylan et al. (2021)	$16.6^{+0.5*}_{-0.4}$ $210.0^{+120.0}_{-120.0}$	$88.72^{+0.82}_{-0.74}$
HD108236d	$2458571.3368^{+0.0015}_{-0.0015}$ $14.17555^{+0.00099}_{-0.00099}$ Daylan et al. (2021)	$5730.0^{+50.0}_{-50.0}$ $4.5^{+0.5}_{-0.5}$ Daylan et al. (2021)	$0.02805^{+0.00095}_{-0.00095}$ $0.17^{+0.3}_{-0.12}$ Daylan et al. (2021)	$27.39^{+0.78}_{-0.82}$ $190.0^{+140.0}_{-130.0}$	$89.22^{+0.45}_{-0.38}$
HD108236e	$2458586.5677^{+0.0014}_{-0.0014}$ $19.5917^{+0.0022}_{-0.0022}$ Daylan et al. (2021)	$5730.0^{+50.0}_{-50.0}$ $4.5^{+0.5}_{-0.5}$ Daylan et al. (2021)	$0.0323^{+0.0012}_{-0.0012}$ $0.2^{+0.3}_{-0.13}$ Daylan et al. (2021)	$33.9^{+1.0}_{-1.1}$ $170.0^{+150.0}_{-130.0}$	$89.32^{+0.42}_{-0.3}$
HD110113b	$2458570.101^{+0.004}_{-0.004}$ $2.541^{+0.0005}_{-0.0005}$ Osborn et al. (2021b)	$5732.0^{+50.0}_{-50.0}$ $4.46^{+0.05}_{-0.05}$ Osborn et al. (2021b)	$0.018^{+0.001}_{-0.001}$ $0.093^{+0.079}_{-0.064}$ Osborn et al. (2021b)	$7.75^{+0.22}_{-0.22}$ $359.53^{+0.68}_{-0.68}$	$87.69^{+1.61}_{-1.94}$
HD149026b	$2454456.78835^{+0.00014}_{-0.00014}$ $2.875891^{+3e-06}_{-3e-06}$ Carter et al. (2009)	$6160.0^{+50.0}_{-50.0}$ $4.28^{+0.04}_{-0.06}$ Torres et al. (2008)	$0.0542^{+0.0009}_{-0.0009}$ – Carter et al. (2009)	$6.01^{+0.17}_{-0.23}$ –	$84.5^{+0.3}_{-0.8}$
HD17156b	$2454884.02895^{+7e-05}_{-7e-05}$ $21.216398^{+1.6e-05}_{-1.6e-05}$ Nutzman et al. (2011)	$6100.0^{+75.0}_{-75.0}$ $4.22^{+0.05}_{-0.05}$ Barbieri et al. (2009)	$0.0745^{+0.0003}_{-0.0003}$ $0.677^{+0.003}_{-0.003}$ Nutzman et al. (2011)	$23.2^{+0.3}_{-0.3}$ $121.7^{+0.4}_{-0.4}$	$86.49^{+0.24}_{-0.2}$
HD189733b	$2454403.67771^{+3e-05}_{-3e-05}$ $2.21857519^{+1.4e-07}_{-1.4e-07}$ Kokori et al. (2022)	$5040.0^{+50.0}_{-50.0}$ $4.59^{+0.01}_{-0.01}$ Torres et al. (2008)	$0.15534^{+0.00011}_{-0.00011}$ – Morello et al. (2014)	$8.92^{+0.03}_{-0.03}$ –	$85.78^{+0.03}_{-0.03}$
HD191939b	$2458715.35554^{+0.00064}_{-0.00064}$ $8.880403^{+7e-05}_{-7e-05}$ Badenas-Agusti et al. (2020)	$5427.0^{+50.0}_{-50.0}$ $4.4^{+0.1}_{-0.1}$ Badenas-Agusti et al. (2020)	$0.03343^{+0.00043}_{-0.00043}$ – Badenas-Agusti et al. (2020)	$18.67^{+3.94}_{-3.18}$ –	$88.18^{+0.21}_{-0.21}$
HD191939c	$2458726.0531^{+0.0011}_{-0.0011}$ $28.58059^{+0.00045}_{-0.00045}$ Badenas-Agusti et al. (2020)	$5427.0^{+50.0}_{-50.0}$ $4.4^{+0.1}_{-0.1}$ Badenas-Agusti et al. (2020)	$0.03158^{+0.00054}_{-0.00054}$ – Badenas-Agusti et al. (2020)	$40.49^{+7.7}_{-6.51}$ –	$89.124^{+0.091}_{-0.097}$
HD202772Ab	$2458338.61047^{+0.00024}_{-0.00024}$ $3.30896^{+8e-05}_{-8e-05}$ Wang et al. (2019a)	$6272.0^{+77.0}_{-71.0}$ $3.85^{+0.03}_{-0.03}$ Wang et al. (2019a)	$0.0613^{+0.0008}_{-0.0008}$ $0.04^{+0.04}_{-0.03}$ Wang et al. (2019a)	$4.27^{+0.05*}_{-0.05}$ $98.0^{+65.0}_{-52.0}$	$84.5^{+1.1}_{-0.8}$
HD209458b	$2455015.49844^{+0.00012}_{-0.00012}$ $3.5247499^{+3e-07}_{-3e-07}$ Kokori et al. (2022)	$6065.0^{+50.0}_{-50.0}$ $4.36^{+0.01}_{-0.01}$ Torres et al. (2008)	$0.12086^{+0.0001}_{-0.0001}$ – Torres et al. (2008)	$8.76^{+0.04}_{-0.04}$ –	$86.71^{+0.05}_{-0.05}$
HD219134b	$2457126.6991^{+0.0009}_{-0.0009}$ $3.092926^{+1e-05}_{-1e-05}$ Gillon et al. (2017)	$4699.0^{+16.0}_{-16.0}$ $4.63^{+0.1}_{-0.1}$ Motalebi et al. (2015)	$0.0189^{+0.0006}_{-0.0006}$ – Gillon et al. (2017)	$10.714^{+0.006}_{-0.006}$ –	$85.05^{+0.09}_{-0.09}$
HD219666b	$2458329.1996^{+0.0012}_{-0.0012}$ $6.0361^{+0.0006}_{-0.0006}$ Esposito et al. (2019)	$5527.0^{+65.0}_{-65.0}$ $4.4^{+0.11}_{-0.11}$ Esposito et al. (2019)	$0.0419^{+0.0008}_{-0.0008}$ – Esposito et al. (2019)	$13.3^{+0.4}_{-0.4}$ –	$86.38^{+0.15}_{-0.15}$
HD2685b	$2458325.78297^{+0.0002}_{-0.0002}$ $4.12688^{+5e-05}_{-5e-05}$ Jones et al. (2019)	$6801.0^{+76.0}_{-76.0}$ $4.21^{+0.03}_{-0.03}$ Jones et al. (2019)	$0.09467^{+0.00033}_{-0.00033}$ $0.091^{+0.039}_{-0.047}$ Jones et al. (2019)	$7.697^{+0.069}_{-0.054}$ $184.36^{+6.27}_{-6.56}$	$89.25^{+0.41}_{-0.44}$
HD332231b	$2458729.67987^{+0.00038}_{-0.00038}$ $18.71204^{+0.00043}_{-0.00043}$ Dalba et al. (2020)	$6089.0^{+97.0}_{-96.0}$ $4.279^{+0.027}_{-0.034}$ Dalba et al. (2020)	$0.06976^{+0.00041}_{-0.00041}$ $0.032^{+0.03}_{-0.022}$ Dalba et al. (2020)	$24.21^{+0.62}_{-0.78}$ $47.0^{+69.0}_{-74.0}$	$89.68^{+0.22}_{-0.28}$
HD5278b	$2458680.69932^{+0.00083}_{-0.00083}$ $14.339156^{+4.9e-05}_{-4.9e-05}$	$6203.0^{+64.0}_{-64.0}$ $4.5^{+0.11}_{-0.11}$	$0.01874^{+0.0003}_{-0.0003}$ $0.08^{+0.09}_{-0.05}$	$21.2^{+1.3*}_{-1.0}$ $135.0^{+34.0}_{-280.0}$	$89.27^{+0.47}_{-0.48}$

	Sozzetti et al. (2021)	Sozzetti et al. (2021)		Sozzetti et al. (2021)	
HD63433b	$2458916.4526^{+0.0032}_{-0.0032}$	$5640.0^{+74.0}_{-74.0}$	$0.02161^{+0.00055}_{-0.00055}$	$16.95^{+0.34}_{-0.82}$	$89.38^{+0.43}_{-0.64}$
	$7.10793^{+0.0004}_{-0.0004}$	$4.515^{+0.042}_{-0.042}$	–	–	
	Mann et al. (2020)	Mann et al. (2020)		Mann et al. (2020)	
HD63433c	$2458844.05799^{+0.00084}_{-0.00084}$	$5640.0^{+74.0}_{-74.0}$	$0.02687^{+0.0007}_{-0.0007}$	$34.38^{+0.69}_{-2.0}$	$89.147^{+0.069}_{-0.2}$
	$20.5453^{+0.0012}_{-0.0012}$	$4.515^{+0.042}_{-0.042}$	–	–	
	Mann et al. (2020)	Mann et al. (2020)		Mann et al. (2020)	
HD86226c	$2458543.2539^{+0.0007}_{-0.0007}$	$5863.0^{+88.0}_{-88.0}$	$0.0188^{+0.0019}_{-0.0019}$	$10.11^{+0.07}_{-0.08}$	$86.45^{+0.26}_{-0.16}$
	$3.98442^{+0.00018}_{-0.00018}$	$4.4^{+0.03}_{-0.03}$	$0.075^{+0.065}_{-0.048}$	$196.0^{+60.0}_{-90.0}$	
	Teske et al. (2020)	Teske et al. (2020)		Teske et al. (2020)	
HD89345b	$2457913.804^{+0.0006}_{-0.0006}$	$5499.0^{+73.0}_{-73.0}$	$0.0378^{+0.0006}_{-0.0006}$	$14.68^{+0.19}_{-0.19}$*	$87.9^{+0.3}_{-0.3}$
	$11.814^{+0.0009}_{-0.0009}$	$4.04^{+0.01}_{-0.0}$	$0.2^{+0.03}_{-0.03}$	$345.1^{+20.0}_{-20.0}$	
	Van Eylen et al. (2018)	Van Eylen et al. (2018)		Van Eylen et al. (2018)	
HD97658b	$2456665.4641^{+0.0008}_{-0.0008}$	$5170.0^{+44.0}_{-44.0}$	$0.0311^{+0.0008}_{-0.0008}$	$26.2^{+1.2}_{-1.2}$	$89.8^{+0.5}_{-0.5}$
	$9.48926^{+6e-05}_{-6e-05}$	$4.63^{+0.06}_{-0.06}$	–	–	
	Knutson et al. (2014b)	Howard et al. (2011)		Knutson et al. (2014b)	
HIP65Ab	$2458326.10418^{+0.00011}_{-0.00011}$	$4590.0^{+49.0}_{-49.0}$	$0.287^{+0.088}_{-0.088}$	$5.289^{+0.051}_{-0.045}$	$77.18^{+0.92}_{-1.0}$
	$0.9809734^{+3.1e-06}_{-3.1e-06}$	$4.61^{+0.01}_{-0.01}$	–	–	
	Nielsen et al. (2020a)	Nielsen et al. (2020a)		Nielsen et al. (2020a)	
K2-107b	$2457304.52525^{+0.00013}_{-0.00013}$	$6030.0^{+120.0}_{-120.0}$	$0.083^{+0.001}_{-0.001}$	$5.68^{+0.04}_{-0.04}$*	$81.9^{+0.7}_{-0.7}$
	$3.313921^{+1e-05}_{-1e-05}$	$4.07^{+0.1}_{-0.1}$	–	–	
	Mayo et al. (2018)	Eigmüller et al. (2017)		Eigmüller et al. (2017)	
K2-113b	$2457392.88684^{+0.00019}_{-0.00019}$	$5627.0^{+88.0}_{-88.0}$	$0.0911^{+0.0008}_{-0.0008}$	$11.4^{+0.3}_{-0.3}$	$86.21^{+0.2}_{-0.21}$
	$5.81761^{+3e-05}_{-3e-05}$	$4.4^{+0.15}_{-0.15}$	–	–	
	Espinoza et al. (2017)	Espinoza et al. (2017)		Espinoza et al. (2017)	
K2-115b	$2457157.1578^{+0.0003}_{-0.0003}$	$5560.0^{+56.0}_{-58.0}$	$0.1254^{+0.0011}_{-0.0011}$	$32.4^{+0.7}_{-0.4}$*	$88.82^{+0.15}_{-0.15}$
	$20.27303^{+4e-05}_{-4e-05}$	$4.46^{+0.06}_{-0.04}$	$0.14^{+0.07}_{-0.07}$	$104.0^{+41.0}_{-52.0}$	
	Shporer et al. (2017)	Shporer et al. (2017)		Shporer et al. (2017)	
K2-116b	$2456979.9496^{+0.0043}_{-0.0043}$	$4348.35^{+86.1}_{-87.78}$	$0.0096^{+0.0012}_{-0.0012}$	$13.8^{+2.88}_{-5.35}$	$87.8^{+1.6}_{-3.6}$
	$4.655335^{+0.000513}_{-0.000513}$	$4.624^{+0.082}_{-0.085}$	–	–	
	Mayo et al. (2018)	Dressing et al. (2017)		Mayo et al. (2018)	
K2-121b	$2457143.56126^{+0.0001}_{-0.0001}$	$4471.4^{+111.6}_{-103.6}$	$0.109^{+0.005}_{-0.005}$	$14.46^{+0.16}_{-0.12}$*	$87.2^{+0.9}_{-0.5}$
	$5.185759^{+1.4e-05}_{-1.4e-05}$	$4.52^{+0.06}_{-0.06}$	$0.22^{+0.19}_{-0.18}$	$73.0^{+64.9}_{-104.5}$	
	Mayo et al. (2018)	Dressing et al. (2017)		Dressing et al. (2017)	
K2-132b	$2457608.53^{+0.009}_{-0.009}$	$4840.0^{+90.0}_{-90.0}$	$0.0279^{+0.0011}_{-0.0011}$	$4.8^{+0.5}_{-0.5}$	$77.5^{+0.5}_{-0.5}$
	$9.171^{+0.003}_{-0.003}$	$3.3^{+0.01}_{-0.01}$	$0.29^{+0.05}_{-0.05}$	$82.6^{+4.0}_{-4.2}$	
	Jones et al. (2018)	Grunblatt et al. (2017)		Jones et al. (2018)	
K2-136c	$2457830.024^{+0.003}_{-0.003}$	$4364.0^{+70.0}_{-70.0}$	$0.0385^{+0.0047}_{-0.0047}$	$34.8^{+3.6}_{-7.2}$	$89.3^{+0.5}_{-0.8}$
	$17.3077^{+0.0013}_{-0.0013}$	$4.63^{+0.11}_{-0.11}$	–	–	
	Ciardi et al. (2018)	Ciardi et al. (2018)		Ciardi et al. (2018)	
K2-140b	$2457588.28509^{+5e-05}_{-5e-05}$	$5654.0^{+55.0}_{-55.0}$	$0.117^{+0.001}_{-0.001}$	$13.84^{+0.04}_{-0.07}$*	$88.3^{+0.1}_{-0.1}$
	$6.56919^{+3e-05}_{-3e-05}$	$4.45^{+0.01}_{-0.01}$	–	–	
	Korth et al. (2019)	Giles et al. (2018)		Korth et al. (2019)	
K2-155c	$2457814.565^{+0.003}_{-0.003}$	$3919.0^{+70.0}_{-70.0}$	$0.0339^{+0.0031}_{-0.0031}$	$30.0^{+6.2}_{-9.8}$	$88.9^{+0.8}_{-0.8}$
	$13.854^{+0.0009}_{-0.0009}$	$4.73^{+0.05}_{-0.05}$	–	–	
	Hirano et al. (2018)	Hirano et al. (2018)		Hirano et al. (2018)	
K2-198b	$2457221.6126^{+0.0007}_{-0.0007}$	$5262.0^{+50.0}_{-50.0}$	$0.0485^{+0.0023}_{-0.0023}$	$42.0^{+4.1}_{-8.4}$	$89.4^{+0.4}_{-0.6}$
	$17.0432^{+0.0003}_{-0.0003}$	$4.63^{+0.1}_{-0.1}$	–	–	
	Mayo et al. (2018)	Mayo et al. (2018)		Mayo et al. (2018)	
K2-198d	$2457213.5759^{+0.001}_{-0.001}$	$5212.9^{+99.0}_{-49.2}$	$0.022^{+0.00057}_{-0.00057}$	$19.5^{+1.5}_{-1.5}$*	$89.86^{+0.68}_{-0.3}$

	$7.4500177^{+5.2e-06}_{-5.2e-06}$	$4.582^{+0.065}_{-0.064}$	–	–	
	Hedges et al. (2019)	Mayo et al. (2018)	Hedges et al. (2019)		
K2-199c	$2457222.9308^{+0.0007}_{-0.0007}$	$4681.0^{+50.0}_{-50.0}$	$0.039^{+0.0021}_{-0.0021}$	$22.1^{+2.0}_{-4.8}$	$88.9^{+0.8}_{-1.3}$
	$7.3745^{+0.00013}_{-0.00013}$	$4.69^{+0.1}_{-0.1}$	–	–	
	Mayo et al. (2018)	Mayo et al. (2018)	Mayo et al. (2018)		
K2-19b	$2456813.37624^{+0.0005}_{-0.0005}$	$5430.0^{+60.0}_{-60.0}$	$0.0754^{+0.0006}_{-0.0006}$	$19.66^{+0.27*}_{-0.27}$	$89.5^{+0.4}_{-0.4}$
	$7.920994^{+7.1e-05}_{-7.1e-05}$	$4.63^{+0.1}_{-0.1}$	–	–	
	Narita et al. (2015)	Sinukoff et al. (2016)	Sinukoff et al. (2016)		
K2-232b	$2457858.85681^{+5e-05}_{-5e-05}$	$6154.0^{+60.0}_{-60.0}$	$0.0887^{+0.0004}_{-0.0004}$	$19.2^{+0.3}_{-0.3}$	$89.14^{+0.13}_{-0.11}$
	$11.168459^{+1.7e-05}_{-1.7e-05}$	$4.38^{+0.02}_{-0.02}$	$0.26^{+0.03}_{-0.03}$	$207.0^{+3.6}_{-3.8}$	
	Yu et al. (2018b)	Brahm et al. (2018b)	Brahm et al. (2018b)		
K2-233d	$2458005.581^{+0.003}_{-0.003}$	$4950.0^{+100.0}_{-100.0}$	$0.0325^{+0.0008}_{-0.0008}$	$44.2^{+1.6}_{-1.8}$	$89.35^{+0.12}_{-0.11}$
	$24.3662^{+0.0021}_{-0.0021}$	$4.71^{+0.1}_{-0.1}$	–	–	
	David et al. (2018a)	David et al. (2018a)	David et al. (2018a)		
K2-237b	$2457861.4341^{+0.00013}_{-0.00013}$	$6257.0^{+100.0}_{-100.0}$	$0.118^{+0.002}_{-0.002}$	$5.4^{+0.04*}_{-0.05}$	$84.3^{+0.7}_{-0.4}$
	$2.180533^{+7e-07}_{-7e-07}$	$4.24^{+0.1}_{-0.1}$	–	–	
	Kokori et al. (2022)	Soto et al. (2018)	Soto et al. (2018)		
K2-238b	$2457740.5044^{+0.0004}_{-0.0004}$	$5630.0^{+78.0}_{-78.0}$	$0.08^{+0.003}_{-0.003}$	$6.3^{+0.7}_{-0.5}$	$84.5^{+1.8}_{-1.5}$
	$3.20466^{+3e-05}_{-3e-05}$	$4.11^{+0.07}_{-0.07}$	–	–	
	Soto et al. (2018)	Soto et al. (2018)	Soto et al. (2018)		
K2-25b	$2457620.11054^{+8e-05}_{-8e-05}$	$3180.0^{+60.0}_{-60.0}$	$0.106^{+0.029}_{-0.029}$	$25.1^{+4.1*}_{-4.1}$	$88.3^{+1.2}_{-0.7}$
	$3.4845627^{+9e-07}_{-9e-07}$	$4.98^{+0.07}_{-0.07}$	$0.27^{+0.16}_{-0.21}$	$62.0^{+44.0}_{-39.0}$	
	Kokori et al. (2022)	Mann et al. (2016)	Mann et al. (2016)		
K2-260b	$2457836.49912^{+0.0001}_{-0.0001}$	$6367.0^{+250.0}_{-250.0}$	$0.0973^{+0.0003}_{-0.0003}$	$5.18^{+0.06*}_{-0.06}$	$88.7^{+0.9}_{-1.0}$
	$2.6266974^{+1.7e-06}_{-1.7e-06}$	$4.125^{+0.024}_{-0.024}$	–	–	
	Kokori et al. (2022)	Johnson et al. (2018a)	Johnson et al. (2018a)		
K2-261b	$2457906.8416^{+0.0007}_{-0.0007}$	$5537.0^{+71.0}_{-71.0}$	$0.0529^{+0.001}_{-0.001}$	$13.3^{+2.4}_{-2.6}$	$88.4^{+1.1}_{-1.9}$
	$11.63344^{+0.00012}_{-0.00012}$	$4.21^{+0.11}_{-0.11}$	$0.39^{+0.15}_{-0.15}$	$143.0^{+18.0}_{-18.0}$	
	Johnson et al. (2018a)	Johnson et al. (2018a)	Johnson et al. (2018a)		
K2-266d	$2457944.8393^{+0.0012}_{-0.0012}$	$4285.0^{+49.0}_{-57.0}$	$0.0383^{+0.0007}_{-0.0007}$	$31.7^{+1.1}_{-1.2}$	$89.46^{+0.32}_{-0.25}$
	$14.697^{+0.0003}_{-0.0003}$	$4.58^{+0.03}_{-0.04}$	$0.05^{+0.04}_{-0.03}$	$87.0^{+62.0}_{-62.0}$	
	Rodriguez et al. (2018b)	Rodriguez et al. (2018b)	Rodriguez et al. (2018b)		
K2-284b	$2457859.11316^{+0.00043}_{-0.00043}$	$4140.0^{+50.0}_{-50.0}$	$0.042^{+0.0013}_{-0.0013}$	$16.84^{+0.62}_{-0.7}$	$89.0^{+0.65}_{-0.62}$
	$4.795069^{+8.6e-05}_{-8.6e-05}$	$4.67^{+0.01}_{-0.01}$	$0.078^{+0.108}_{-0.055}$	$180.2^{+126.4}_{-129.6}$	
	David et al. (2018b)	David et al. (2018b)	David et al. (2018b)		
K2-295b	$2457395.4140498^{+1.2e-06}_{-1.2e-06}$	$4444.0^{+70.0}_{-70.0}$	$0.1304^{+0.0014}_{-0.0014}$	$13.76^{+0.19}_{-0.44}$	$89.3^{+0.46}_{-0.62}$
	$4.024867^{+1.5e-05}_{-1.5e-05}$	$4.63^{+0.12}_{-0.12}$	–	–	
	Smith et al. (2019)	Smith et al. (2019)	Smith et al. (2019)		
K2-29b	$2458508.0943^{+0.0003}_{-0.0003}$	$5358.0^{+38.0}_{-38.0}$	$0.1419^{+0.0006}_{-0.0006}$	$10.51^{+0.15}_{-0.15}$	$86.66^{+0.11}_{-0.08}$
	$3.2588315^{+9e-07}_{-9e-07}$	$4.54^{+0.01}_{-0.01}$	$0.066^{+0.022}_{-0.022}$	$132.0^{+21.0}_{-21.0}$	
	Kokori et al. (2022)	Santerne et al. (2016)	Santerne et al. (2016)		
K2-30b	$2457395.78391^{+0.00013}_{-0.00013}$	$5425.0^{+40.0}_{-40.0}$	$0.1266^{+0.0016}_{-0.0016}$	$12.3^{+0.4}_{-0.4}$	$86.92^{+0.26}_{-0.24}$
	$4.0984791^{+7e-07}_{-7e-07}$	$4.54^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Johnson et al. (2016)	Johnson et al. (2016)		
K2-31b	$2457191.70967^{+0.00024}_{-0.00024}$	$5280.0^{+70.0}_{-70.0}$	$0.14^{+0.04}_{-0.04}$	$5.642^{+0.007*}_{-0.007}$	$79.9^{+0.8}_{-0.8}$
	$1.25785^{+2e-06}_{-2e-06}$	$4.6^{+0.07}_{-0.07}$	–	–	
	Dai et al. (2016)	Grziwa et al. (2016)	Grziwa et al. (2016)		
K2-333b	$2458097.39598^{+0.00077}_{-0.00077}$	$6070.0^{+190.0}_{-190.0}$	$0.0461^{+0.001}_{-0.001}$	$23.06^{+0.72}_{-2.14}$	$89.35^{+0.45}_{-0.77}$
	$14.75929^{+0.00024}_{-0.00024}$	$4.32^{+0.04}_{-0.04}$	–	–	
	de Leon et al. (2021)	Yu et al. (2018c)	de Leon et al. (2021)		

K2-334b	$2458096.81023^{+0.00055}_{-0.00055}$	$6890.0^{+340.0}_{-340.0}$	$0.0343^{+0.0018}_{-0.0018}$	$15.35^{+1.09}_{-3.58}$	$88.58^{+0.97}_{-2.46}$
	$5.113981^{+6.1e-05}_{-6.1e-05}$	$4.27^{+0.04}_{-0.04}$	–	–	
	de Leon et al. (2021)	Yu et al. (2018c)	de Leon et al. (2021)		
K2-34b	$2457144.34781^{+8e-05}_{-8e-05}$	$6087.0^{+38.0}_{-38.0}$	$0.0887^{+0.0012}_{-0.0012}$	$6.7^{+0.4}_{-0.3}$	$83.0^{+0.7}_{-0.6}$
	$2.995629^{+6e-06}_{-6e-06}$	$4.11^{+0.07}_{-0.07}$	–	–	
	Brahm et al. (2016b)	Hirano et al. (2016)	Hirano et al. (2016)		
K2-55b	$2456983.4238^{+0.001}_{-0.001}$	$4456.0^{+148.0}_{-148.0}$	$0.0561^{+0.0016}_{-0.0016}$	$10.5^{+0.6}_{-0.6}$	$88.2^{+1.1}_{-1.0}$
	$2.84927^{+3e-05}_{-3e-05}$	$4.67^{+0.05}_{-0.05}$	$0.07^{+0.13}_{-0.06}$	$23.9^{+115.4}_{-140.3}$	
	Dressing et al. (2017)	Crossfield et al. (2016)	Dressing et al. (2017)		
KELT-10b	$2457066.7204^{+0.0003}_{-0.0003}$	$5948.0^{+74.0}_{-74.0}$	$0.119^{+0.0014}_{-0.0014}$	$9.34^{+0.21}_{-0.32}$	$88.6^{+0.9}_{-0.7}$
	$4.166274^{+6e-06}_{-6e-06}$	$4.32^{+0.02}_{-0.03}$	–	–	
	Kuhn et al. (2016)	Kuhn et al. (2016)	Kuhn et al. (2016)		
KELT-11b	$2457483.431^{+0.0007}_{-0.0007}$	$5370.0^{+51.0}_{-50.0}$	$0.051^{+0.004}_{-0.004}$	$4.98^{+0.05}_{-0.05}$	$85.3^{+0.2}_{-0.2}$
	4.7361^{+3e-05}_{-3e-05}	$3.73^{+0.04}_{-0.05}$	$0.0007^{+0.002}_{-0.0005}$	$359.0^{+147.4}_{-74.6}$	
	Beatty et al. (2017b)	Pepper et al. (2017)	Beatty et al. (2017b)		
KELT-12b	$2457083.6605^{+0.0009}_{-0.0009}$	$6279.0^{+51.0}_{-51.0}$	$0.0772^{+0.0019}_{-0.0019}$	$6.1^{+0.4}_{-0.4}$	$84.5^{+1.1}_{-0.9}$
	$5.03162^{+3e-05}_{-3e-05}$	$3.89^{+0.05}_{-0.05}$	–	–	
	Stevens et al. (2017)	Stevens et al. (2017)	Stevens et al. (2017)		
KELT-14b	$2457091.0286^{+0.0005}_{-0.0005}$	$5720.0^{+130.0}_{-130.0}$	$0.1177^{+0.0012}_{-0.0012}$	$4.25^{+0.07}_{-0.07}$	$78.3^{+0.3}_{-0.3}$
	$1.710059^{+3e-06}_{-3e-06}$	$4.17^{+0.02}_{-0.02}$	–	–	
	Rodriguez et al. (2016)	Turner et al. (2016b)	Turner et al. (2016b)		
KELT-15b	$2458564.05392^{+0.0002}_{-0.0002}$	$6003.0^{+56.0}_{-52.0}$	$0.1001^{+0.0022}_{-0.0022}$	$6.7^{+0.14}_{-0.35}$	$88.3^{+1.2}_{-1.7}$
	$3.329475^{+4e-06}_{-4e-06}$	$4.17^{+0.02}_{-0.04}$	–	–	
	Kokori et al. (2022)	Rodriguez et al. (2016)	Rodriguez et al. (2016)		
KELT-16b	$2458136.78366^{+0.00011}_{-0.00011}$	$6236.0^{+54.0}_{-54.0}$	$0.107^{+0.0013}_{-0.0013}$	$3.23^{+0.12}_{-0.13}$	$84.4^{+3.0}_{-2.3}$
	$0.96899328^{+1.9e-07}_{-1.9e-07}$	$4.25^{+0.03}_{-0.04}$	–	–	
	Kokori et al. (2022)	Oberst et al. (2017)	Oberst et al. (2017)		
KELT-17b	$2457287.74564^{+0.0003}_{-0.0003}$	$7454.0^{+49.0}_{-49.0}$	$0.09526^{+0.00088}_{-0.00088}$	$6.38^{+0.18}_{-0.18}$	$84.87^{+0.45}_{-0.43}$
	$3.0801716^{+5.3e-06}_{-5.3e-06}$	$4.22^{+0.02}_{-0.02}$	–	–	
	Zhou et al. (2016)	Zhou et al. (2016)	Zhou et al. (2016)		
KELT-18b	$2457838.3101^{+0.0004}_{-0.0004}$	$6670.0^{+120.0}_{-120.0}$	$0.0846^{+0.0009}_{-0.0009}$	$5.14^{+0.04}_{-0.08}$	$88.9^{+0.8}_{-1.2}$
	$2.8717023^{+1.9e-06}_{-1.9e-06}$	$4.06^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	McLeod et al. (2017)	McLeod et al. (2017)		
KELT-19Ab	$2457281.24954^{+0.00036}_{-0.00036}$	$7500.0^{+110.0}_{-110.0}$	$0.10713^{+0.00092}_{-0.00092}$	$7.5^{+0.2}_{-0.18}$	$85.41^{+0.34}_{-0.31}$
	$4.6117093^{+8.8e-06}_{-8.8e-06}$	$4.13^{+0.03}_{-0.03}$	–	–	
	Siverd et al. (2018)	Siverd et al. (2018)	Siverd et al. (2018)		
KELT-1b	$2456981.90516^{+0.00014}_{-0.00014}$	$6518.0^{+50.0}_{-50.0}$	$0.0771^{+0.0003}_{-0.0003}$	$3.69^{+0.04}_{-0.04}$	$86.8^{+0.8}_{-0.8}$
	$1.21749399^{+1.6e-07}_{-1.6e-07}$	$4.23^{+0.03}_{-0.03}$	$0.0013^{+0.0005}_{-0.0005}$	$358.0^{+51.0}_{-51.0}$	
	Kokori et al. (2022)	Siverd et al. (2012)	Beatty et al. (2019)		
KELT-20b	$2457503.12005^{+0.00019}_{-0.00019}$	$8720.0^{+250.0}_{-260.0}$	$0.1144^{+0.00062}_{-0.00062}$	$7.5^{+0.05}_{-0.05}$	$86.12^{+0.28}_{-0.27}$
	$3.4741085^{+1.9e-06}_{-1.9e-06}$	$4.29^{+0.02}_{-0.02}$	–	–	
	Lund et al. (2017)	Lund et al. (2017)	Lund et al. (2017)		
KELT-21b	$2457382.64073^{+0.00041}_{-0.00041}$	$7598.0^{+81.0}_{-84.0}$	$0.09952^{+0.00071}_{-0.00071}$	$6.86^{+0.13}_{-0.12}$	$86.46^{+0.38}_{-0.34}$
	$3.6127628^{+3.8e-06}_{-3.8e-06}$	$4.173^{+0.015}_{-0.014}$	–	–	
	Johnson et al. (2018b)	Johnson et al. (2018b)	Johnson et al. (2018b)		
KELT-23Ab	$2458140.38698^{+0.0002}_{-0.0002}$	$5899.0^{+49.0}_{-49.0}$	$0.132^{+0.0006}_{-0.0006}$	$7.556^{+0.041}_{-0.045}$	$85.96^{+0.11}_{-0.1}$
	$2.25528783^{+6.8e-07}_{-6.8e-07}$	$4.42^{+0.03}_{-0.03}$	–	–	
	Maciejewski (2020)	Johns et al. (2019)	Maciejewski (2020)		
KELT-24b	$2458268.45459^{+0.00087}_{-0.00087}$	$6509.0^{+50.0}_{-49.0}$	$0.0901^{+0.0003}_{-0.0003}$	$9.95^{+0.18}_{-0.17}$	$89.17^{+0.75}_{-0.59}$

	$5.5514918^{+8.6e-06}_{-8.6e-06}$ Maciejewski (2020)	$4.25^{+0.02}_{-0.02}$ Rodriguez et al. (2019a)	$0.077^{+0.025}_{-0.024}$ Rodriguez et al. (2019a)	$55.0^{+15.0}_{-13.0}$	
KELT-2Ab	$2455974.6034^{+0.0008}_{-0.0008}$ $4.113791^{+1e-05}_{-1e-05}$ Beatty et al. (2012)	$6148.0^{+48.0}_{-48.0}$ $4.03^{+0.03}_{-0.03}$ Beatty et al. (2012)	$0.0722^{+0.0018}_{-0.0018}$ – Beatty et al. (2012)	$6.59^{+0.08}_{-0.08}$* –	$88.6^{+1.0}_{-1.4}$
KELT-3b	$2456666.888^{+0.0004}_{-0.0004}$ $2.7033878^{+1e-06}_{-1e-06}$ Kokori et al. (2022)	$6306.0^{+50.0}_{-49.0}$ $4.21^{+0.03}_{-0.03}$ Pepper et al. (2013)	$0.0939^{+0.0011}_{-0.0011}$ – Pepper et al. (2013)	$6.02^{+0.24}_{-0.22}$ –	$84.2^{+0.7}_{-0.6}$
KELT-4Ab	$2456190.3021^{+0.00022}_{-0.00022}$ $2.989593^{+5e-06}_{-5e-06}$ Eastman et al. (2016)	$6206.0^{+75.0}_{-75.0}$ $4.11^{+0.01}_{-0.01}$ Eastman et al. (2016)	$0.1089^{+0.0005}_{-0.0005}$ – Eastman et al. (2016)	$5.79^{+0.09}_{-0.08}$ –	$83.16^{+0.22}_{-0.21}$
KELT-6b	$2457124.5095^{+0.0006}_{-0.0006}$ $7.845582^{+7e-06}_{-7e-06}$ Damasso et al. (2015a)	$6102.0^{+43.0}_{-43.0}$ $4.07^{+0.04}_{-0.07}$ Collins et al. (2014)	$0.0776^{+0.001}_{-0.001}$ – Collins et al. (2014)	$11.4^{+1.7}_{-1.7}$* –	$88.8^{+0.8}_{-0.9}$
KELT-7b	$2458343.40408^{+0.0001}_{-0.0001}$ $2.7347657^{+4e-07}_{-4e-07}$ Kokori et al. (2022)	$6789.0^{+50.0}_{-49.0}$ $4.15^{+0.02}_{-0.02}$ Bieryla et al. (2015)	$0.091^{+0.0006}_{-0.0006}$ – Bieryla et al. (2015)	$5.53^{+0.04}_{-0.04}$* –	$83.8^{+0.4}_{-0.4}$
KELT-8b	$2457396.045^{+0.0006}_{-0.0006}$ $3.24408^{+5e-06}_{-5e-06}$ Mallonn et al. (2019b)	$5754.0^{+54.0}_{-55.0}$ $4.08^{+0.05}_{-0.05}$ Fulton et al. (2015)	$0.115^{+0.003}_{-0.003}$ $0.04^{+0.05}_{-0.03}$ Fulton et al. (2015)	$5.9^{+0.4}_{-0.4}$ $85.0^{+87.0}_{-97.0}$	$82.7^{+0.8}_{-1.0}$
KELT-9b	$2457095.68572^{+0.00014}_{-0.00014}$ $1.4811235^{+1.1e-06}_{-1.1e-06}$ Gaudi et al. (2017)	$10170.0^{+450.0}_{-450.0}$ $4.09^{+0.01}_{-0.01}$ Gaudi et al. (2017)	$0.08228^{+0.00043}_{-0.00043}$ – Gaudi et al. (2017)	$3.2^{+0.02}_{-0.02}$ –	$86.79^{+0.25}_{-0.25}$
KOI-12b	$2454961.74044^{+0.00025}_{-0.00025}$ $17.8552301^{+3e-07}_{-3e-07}$ Holczer et al. (2016)	$6820.0^{+120.0}_{-120.0}$ $4.34^{+0.15}_{-0.15}$ Bourrier et al. (2015)	$0.09049^{+8e-05}_{-8e-05}$ – Bourrier et al. (2015)	$18.89^{+0.23}_{-0.22}$* –	$88.95^{+0.15}_{-0.25}$
KOI-13b	$2454953.56596^{+2e-05}_{-2e-05}$ $1.763588^{+1e-06}_{-1e-06}$ Esteves et al. (2015)	$8848.0^{+100.0}_{-100.0}$ $3.93^{+0.1}_{-0.1}$ Borucki et al. (2011)	$0.08737^{+2e-05}_{-2e-05}$ $0.00064^{+0.00012}_{-0.00016}$ Esteves et al. (2015)	$4.5007^{+0.0039}_{-0.004}$ $5.0^{+8.0}_{-10.0}$	$86.77^{+0.048}_{-0.052}$
KOI-94c	$2454971.0826^{+0.00038}_{-0.00038}$ $10.4236888^{+5.3e-06}_{-5.3e-06}$ Masuda et al. (2013)	$6182.0^{+58.0}_{-58.0}$ $4.18^{+0.07}_{-0.07}$ Weiss et al. (2013)	$0.025673^{+7.4e-05}_{-7.4e-05}$ – Masuda et al. (2013)	$15.7798^{+0.0016}_{-0.0016}$ –	$89.924^{+0.054}_{-0.073}$
KOI-94d	$2454965.7397^{+0.0003}_{-0.0003}$ $22.3429695^{+3e-07}_{-3e-07}$ Holczer et al. (2016)	$6182.0^{+58.0}_{-58.0}$ $4.18^{+0.07}_{-0.07}$ Weiss et al. (2013)	$0.06802^{+8e-05}_{-8e-05}$ – Weiss et al. (2013)	$27.3^{+0.4}_{-0.4}$* –	$89.87^{+0.12}_{-0.12}$
KOI-94e	$2454994.23915^{+0.00046}_{-0.00046}$ $54.319832^{+3.5e-05}_{-3.5e-05}$ Masuda et al. (2013)	$6182.0^{+58.0}_{-58.0}$ $4.181^{+0.066}_{-0.066}$ Weiss et al. (2013)	$0.04132^{+0.00016}_{-0.00016}$ – Masuda et al. (2013)	$47.69^{+0.67}_{-0.64}$ –	$89.554^{+0.048}_{-0.044}$
KPS-1b	$2458678.9091^{+0.0003}_{-0.0003}$ $1.7063241^{+1.5e-06}_{-1.5e-06}$ Kokori et al. (2022)	$5165.0^{+90.0}_{-90.0}$ $4.47^{+0.06}_{-0.06}$ Burdanov et al. (2018)	$0.114^{+0.004}_{-0.004}$ – Burdanov et al. (2018)	$6.37^{+0.05}_{-0.05}$ –	$83.2^{+0.9}_{-0.9}$
Kepler-105b	$2454966.142^{+0.01}_{-0.01}$ 5.4122^{+2e-05}_{-2e-05} Wang et al. (2014a)	$6397.0^{+95.0}_{-95.0}$ $4.15^{+0.2}_{-0.23}$ Wang et al. (2014a)	$0.028^{+0.001}_{-0.001}$ – Wang et al. (2014a)	$9.65^{+0.16}_{-0.16}$* –	$85.94^{+1.87}_{-3.88}$
Kepler-12b	$2455004.009119^{+2e-05}_{-2e-05}$ $4.4379654^{+1.1e-06}_{-1.1e-06}$ Kokori et al. (2022)	$5947.0^{+100.0}_{-100.0}$ $4.17^{+0.01}_{-0.01}$ Fortney et al. (2011)	$0.11887^{+9e-05}_{-9e-05}$ – Esteves et al. (2015)	$8.019^{+0.014}_{-0.013}$ –	$88.8^{+0.09}_{-0.07}$
Kepler-18d	$2454961.1559^{+0.0007}_{-0.0007}$ $14.8589187^{+7e-07}_{-7e-07}$ Holczer et al. (2016)	$5345.0^{+100.0}_{-100.0}$ $4.31^{+0.12}_{-0.12}$ Cochran et al. (2011)	$0.0578^{+0.0007}_{-0.0007}$ – Cochran et al. (2011)	$22.5^{+1.0}_{-1.0}$ –	$88.07^{+0.1}_{-0.1}$

Kepler-396c	$2455015.678^{+0.019}_{-0.019}$	$5651.0^{+83.0}_{-82.2}$	$0.0524^{+0.0006}_{-0.0006}$	$96.1^{+1.1*}_{-1.1}$	$90.0^{+0.02*}_{-0.02}$
	$88.510678^{+2.2e-05}_{-2.2e-05}$	$4.47^{+0.04}_{-0.06}$	–	–	
	Holczer et al. (2016)	Morton et al. (2016)	Morton et al. (2016)		
Kepler-41b	$2454970.18104^{+2e-05}_{-2e-05}$	$5620.0^{+140.0}_{-140.0}$	$0.10253^{+0.00043}_{-0.00043}$	$5.053^{+0.021}_{-0.021}$	$82.214^{+0.09}_{-0.085}$
	$1.8555577^{+3e-07}_{-3e-07}$	$4.47^{+0.12}_{-0.12}$	–	–	
	Esteves et al. (2015)	Santerne et al. (2011)	Esteves et al. (2015)		
Kepler-422b	$2454955.00995^{+5e-05}_{-5e-05}$	$5972.0^{+84.0}_{-84.0}$	$0.0957^{+0.0006}_{-0.0006}$	$14.2^{+1.9}_{-1.7}$	$88.3^{+0.3}_{-0.3}$
	$7.89144809^{+6e-08}_{-6e-08}$	$4.31^{+0.07}_{-0.07}$	–	–	
	Holczer et al. (2016)	Endl et al. (2014)	Endl et al. (2014)		
Kepler-435b	$2455010.64241^{+0.0004}_{-0.0004}$	$6161.0^{+94.0}_{-94.0}$	$0.06384^{+0.0002}_{-0.0002}$	$6.35^{+0.51}_{-0.51}$	$85.51^{+0.52}_{-0.52}$
	$8.6001536^{+1.8e-06}_{-1.8e-06}$	$3.61^{+0.05}_{-0.07}$	$0.114^{+0.077}_{-0.077}$	$104.0^{+36.0}_{-36.0}$	
	Almenara et al. (2015)	Almenara et al. (2015)	Almenara et al. (2015)		
Kepler-447b	$2454970.26082^{+0.00011}_{-0.00011}$	$5493.0^{+62.0}_{-62.0}$	$0.17^{+0.05}_{-0.05}$	$20.41^{+0.36}_{-0.19}$	$86.55^{+0.24}_{-0.32}$
	$7.794303^{+3e-06}_{-3e-06}$	$4.4^{+0.1}_{-0.1}$	$0.12^{+0.04}_{-0.04}$	$98.3^{+1.1}_{-11.0}$	
	Kokori et al. (2022)	Lillo-Box et al. (2015)	Lillo-Box et al. (2015)		
Kepler-5b	$2454955.90235^{+4e-05}_{-4e-05}$	$6297.0^{+60.0}_{-60.0}$	$0.07996^{+9e-05}_{-9e-05}$	$6.45^{+0.021}_{-0.025}$	$89.1^{+0.4}_{-0.3}$
	$3.5484655^{+5e-08}_{-5e-08}$	$4.07^{+0.02}_{-0.02}$	–	–	
	Holczer et al. (2016)	Koch et al. (2010b)	Esteves et al. (2015)		
Kepler-6b	$2455006.24253^{+8e-05}_{-8e-05}$	$5647.0^{+44.0}_{-44.0}$	$0.09424^{+0.00012}_{-0.00012}$	$7.503^{+0.022}_{-0.022}$	$88.93^{+0.19}_{-0.17}$
	$3.234699^{+9e-07}_{-9e-07}$	$4.24^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	Dunham et al. (2010)	Esteves et al. (2015)		
Kepler-76b	$2454966.549176^{+2e-05}_{-2e-05}$	$6409.0^{+95.0}_{-95.0}$	$0.1033^{+0.003}_{-0.003}$	$4.46^{+0.05}_{-0.04}$	$77.55^{+0.2}_{-0.17}$
	$1.5449298^{+4e-07}_{-4e-07}$	$4.2^{+0.3}_{-0.3}$	–	–	
	Esteves et al. (2015)	Faigler et al. (2013)	Esteves et al. (2015)		
Kepler-7b	$2454957.50626^{+4e-05}_{-4e-05}$	$5933.0^{+44.0}_{-44.0}$	$0.08294^{+0.00011}_{-0.00011}$	$6.637^{+0.021}_{-0.021}$	$85.16^{+0.06}_{-0.05}$
	$4.8854889^{+4e-08}_{-4e-08}$	$4.03^{+0.02}_{-0.02}$	–	–	
	Holczer et al. (2016)	Latham et al. (2010)	Esteves et al. (2015)		
Kepler-854b	$2454966.985381^{+1e-05}_{-1e-05}$	$6179.0^{+110.4}_{-142.2}$	$0.119^{+0.003}_{-0.003}$	$3.73^{+0.2}_{-0.15}{}^{*}$	$79.0^{+1.2*}_{-0.9}$
	$2.1446334^{+7e-07}_{-7e-07}$	$4.29^{+0.11}_{-0.23}$	–	–	
	Kokori et al. (2022)	Morton et al. (2016)	Morton et al. (2016)		
L98-59b	$2458366.17067^{+0.00036}_{-0.00036}$	$3367.0^{+150.0}_{-150.0}$	$0.02512^{+0.00072}_{-0.00072}$	$15.0^{+1.4}_{-1.0}$	$87.71^{+1.16}_{-0.44}$
	$2.2531136^{+1.2e-06}_{-1.2e-06}$	$4.945^{+0.059}_{-0.058}$	$0.103^{+0.117}_{-0.045}$	$192.0^{+70.0}_{-155.0}$	
	Demangeon et al. (2021)	Kostov et al. (2019)	Demangeon et al. (2021)		
L98-59c	$2458367.27375^{+0.00013}_{-0.00013}$	$3367.0^{+150.0}_{-150.0}$	$0.04088^{+0.00068}_{-0.00068}$	$19.0^{+1.2}_{-0.8}$	$88.11^{+0.36}_{-0.16}$
	$3.6906777^{+1.6e-06}_{-1.6e-06}$	$4.946^{+0.042}_{-0.042}$	$0.103^{+0.045}_{-0.058}$	$261.0^{+20.0}_{-10.0}$	
	Demangeon et al. (2021)	Kostov et al. (2019)	Demangeon et al. (2021)		
L98-59d	$2458362.73974^{+0.00031}_{-0.00031}$	$3367.0^{+150.0}_{-150.0}$	$0.0448^{+0.0011}_{-0.0011}$	$33.7^{+1.9}_{-1.7}$	$88.449^{+0.058}_{-0.111}$
	$7.4507245^{+8.1e-06}_{-8.1e-06}$	$4.946^{+0.042}_{-0.042}$	$0.074^{+0.057}_{-0.046}$	$180.0^{+27.0}_{-50.0}$	
	Demangeon et al. (2021)	Kostov et al. (2019)	Demangeon et al. (2021)		
LHS1140b	$2456915.71228^{+4e-05}_{-4e-05}$	$3131.0^{+100.0}_{-100.0}$	0.0739^{+8e-05}_{-8e-05}	$95.3^{+1.1}_{-1.1}$	$89.89^{+0.05}_{-0.03}$
	$24.73696^{+8e-05}_{-8e-05}$	$5.04^{+0.07}_{-0.07}$	–	–	
	Ment et al. (2019)	Dittmann et al. (2017)	Ment et al. (2019)		
LHS1140c	$2458226.84397^{+3e-05}_{-3e-05}$	$3216.0^{+39.0}_{-39.0}$	$0.05486^{+0.00013}_{-0.00013}$	$26.57^{+0.05}_{-0.05}$	$89.92^{+0.06}_{-0.09}$
	$3.777931^{+4e-06}_{-4e-06}$	$5.05^{+0.03}_{-0.03}$	–	–	
	Ment et al. (2019)	Ment et al. (2019)	Ment et al. (2019)		
LHS3844b	$2458325.7264^{+0.0003}_{-0.0003}$	$3036.0^{+77.0}_{-77.0}$	$0.0635^{+0.0009}_{-0.0009}$	$7.11^{+0.03}_{-0.03}$	$88.5^{+0.5}_{-0.5}$
	$0.4629291^{+1.9e-06}_{-1.9e-06}$	$5.06^{+0.01}_{-0.01}$	–	–	
	Vanderspek et al. (2019)	Vanderspek et al. (2019)	Vanderspek et al. (2019)		
LP714-47b	$2458438.38421^{+0.00025}_{-0.00025}$	$3950.0^{+51.0}_{-51.0}$	$0.0751^{+0.0009}_{-0.0009}$	$15.9^{+1.0}_{-0.7}$	$87.3^{+0.2}_{-0.2}$

	$4.052037^{+4e-06}_{-4e-06}$	$4.64^{+0.04}_{-0.04}$	$0.04^{+0.02}_{-0.02}$	$219.0^{+19.0}_{-19.0}$	
	Dreizler et al. (2020)	Dreizler et al. (2020)	Dreizler et al. (2020)		
LP791-18c	$2458651.29807^{+0.00041}_{-0.00041}$	$2960.0^{+55.0}_{-55.0}$	$0.1238^{+0.0022}_{-0.0022}$	$34.5^{+2.0}_{-3.7}$	$89.55^{+0.32}_{-0.5}$
	$4.989963^{+5e-05}_{-5e-05}$	$5.12^{+0.09}_{-0.09}$	–	–	
	Crossfield et al. (2019)	Crossfield et al. (2019)	Crossfield et al. (2019)		
LTT1445Ab	$2458423.42629^{+0.00044}_{-0.00044}$	$3337.0^{+150.0}_{-150.0}$	$0.0458^{+0.0012}_{-0.0012}$	$29.6^{+2.6}_{-2.5}$	$89.4^{+0.41}_{-0.46}$
	$5.35882^{+0.0003}_{-0.0003}$	$4.97^{+0.06}_{-0.07}$	$0.19^{+0.35}_{-0.14}$	$221.0^{+120.0}_{-76.0}$	
	Winters et al. (2019)	Winters et al. (2019)	Winters et al. (2019)		
LTT3780c	$2458546.8484^{+0.0014}_{-0.0014}$	$3331.0^{+157.0}_{-157.0}$	$0.057^{+0.0035}_{-0.0035}$	$51.2^{+0.9*}_{-0.9}$	$89.18^{+0.47}_{-0.22}$
	$12.2519^{+0.0028}_{-0.0028}$	$4.9^{+0.03}_{-0.03}$	–	–	
	Cloutier et al. (2020)	Cloutier et al. (2020)	Cloutier et al. (2020)		
LTT9779b	$2458354.2143^{+0.00025}_{-0.00025}$	$5443.0^{+14.0}_{-13.0}$	$0.0455^{+0.0022}_{-0.0022}$	$3.877^{+0.09}_{-0.091}$	$76.39^{+0.43}_{-0.43}$
	$0.792052^{+9.3e-06}_{-9.3e-06}$	$4.35^{+0.16}_{-0.12}$	–	–	
	Jenkins et al. (2020)	Jenkins et al. (2020)	Jenkins et al. (2020)		
MASCARA-4b	$2458505.8178^{+0.003}_{-0.003}$	$7800.0^{+200.0}_{-200.0}$	$0.08^{+0.004}_{-0.004}$	$5.97^{+0.03*}_{-0.03}$	$88.5^{+0.01}_{-0.01}$
	$2.82406^{+3e-05}_{-3e-05}$	$4.1^{+0.05}_{-0.05}$	–	–	
	Dorval et al. (2020)	Dorval et al. (2020)	Dorval et al. (2020)		
NGTS-1b	$2457720.6602^{+0.00062}_{-0.00062}$	$3916.0^{+71.0}_{-63.0}$	$0.239^{+0.1}_{-0.1}$	$12.2^{+0.7}_{-0.7}$	$85.27^{+0.61}_{-0.73}$
	$2.647298^{+2e-05}_{-2e-05}$	$4.71^{+0.23}_{-0.23}$	–	–	
	Bayliss et al. (2018b)	Bayliss et al. (2018b)	Bayliss et al. (2018b)		
NGTS-2b	$2457759.1269^{+0.0014}_{-0.0014}$	$6478.0^{+94.0}_{-89.0}$	$0.0962^{+0.0011}_{-0.0011}$	$8.0^{+0.4}_{-0.4}$	$88.5^{+1.0}_{-1.2}$
	$4.51116^{+6e-05}_{-6e-05}$	$4.2^{+0.03}_{-0.06}$	–	–	
	Raynard et al. (2018)	Raynard et al. (2018)	Raynard et al. (2018)		
NGTS-6b	$2457982.3784^{+0.0003}_{-0.0003}$	$4730.0^{+44.0}_{-40.0}$	$0.18^{+0.01}_{-0.01}$	$4.784^{+0.043}_{-0.048}$	$78.23^{+0.26}_{-0.21}$
	$0.882059^{+8e-07}_{-8e-07}$	$4.7^{+1.1}_{-0.7}$	–	–	
	Vines et al. (2019)	Vines et al. (2019)	Vines et al. (2019)		
Qatar-10b	$2458247.90746^{+0.00036}_{-0.00036}$	$6123.0^{+50.0}_{-50.0}$	$0.1265^{+0.001}_{-0.001}$	$4.9^{+0.12}_{-0.12}$	$85.87^{+0.96}_{-0.96}$
	$1.645321^{+1e-05}_{-1e-05}$	$4.36^{+0.1}_{-0.1}$	–	–	
	Alsubai et al. (2019a)	Alsubai et al. (2019a)	Alsubai et al. (2019a)		
Qatar-1b	$2457026.47712^{+5e-05}_{-5e-05}$	$4861.0^{+125.0}_{-125.0}$	$0.1463^{+0.0006}_{-0.0006}$	$6.25^{+0.07}_{-0.07}$	$84.08^{+0.16}_{-0.15}$
	$1.42002461^{+7e-08}_{-7e-08}$	$4.54^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Alsubai et al. (2011)	Collins et al. (2017)		
Qatar-2b	$2457173.98591^{+3e-05}_{-3e-05}$	$4645.0^{+50.0}_{-50.0}$	$0.16327^{+0.00019}_{-0.00019}$	$6.45^{+0.05*}_{-0.06}$	$88.99^{+0.2}_{-0.2}$
	$1.33711716^{+1.2e-07}_{-1.2e-07}$	$4.6^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Bryan et al. (2012)	Močnik et al. (2017b)		
Qatar-3b	$2457312.48458^{+0.0001}_{-0.0001}$	$6007.0^{+52.0}_{-52.0}$	$0.0888^{+0.0018}_{-0.0018}$	$6.4^{+0.6}_{-0.6}$	$86.8^{+2.0}_{-2.0}$
	$2.507895^{+3e-06}_{-3e-06}$	$4.29^{+0.08}_{-0.08}$	–	–	
	Mallonn et al. (2019b)	Alsubai et al. (2017)	Alsubai et al. (2017)		
Qatar-4b	$2458767.93317^{+0.00014}_{-0.00014}$	$5215.0^{+50.0}_{-50.0}$	$0.138^{+0.003}_{-0.003}$	$7.1^{+0.5}_{-0.5}$	$87.5^{+1.6}_{-1.6}$
	$1.8053646^{+6e-07}_{-6e-07}$	$4.53^{+0.06}_{-0.06}$	–	–	
	Kokori et al. (2022)	Alsubai et al. (2017)	Alsubai et al. (2017)		
Qatar-5b	$2457489.3612^{+0.00017}_{-0.00017}$	$5747.0^{+49.0}_{-49.0}$	$0.1061^{+0.0013}_{-0.0013}$	$8.3^{+0.3}_{-0.3}$	$88.7^{+0.9}_{-0.9}$
	$2.8793002^{+1e-06}_{-1e-06}$	$4.43^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Alsubai et al. (2017)	Alsubai et al. (2017)		
Qatar-7b	$2458043.32075^{+0.00016}_{-0.00016}$	$6387.0^{+38.0}_{-38.0}$	$0.11^{+0.001}_{-0.001}$	$4.84^{+0.05}_{-0.05}$	$89.0^{+1.0}_{-1.0}$
	$2.032046^{+9.7e-06}_{-9.7e-06}$	$4.2^{+0.03}_{-0.03}$	–	–	
	Alsubai et al. (2019b)	Alsubai et al. (2019b)	Alsubai et al. (2019b)		
Qatar-8b	$2458210.8392^{+0.001}_{-0.001}$	$5738.0^{+51.0}_{-51.0}$	$0.1014^{+0.0031}_{-0.0031}$	$6.39^{+0.05*}_{-0.05}$	$84.6^{+1.3}_{-1.1}$
	$3.7146428^{+6e-06}_{-6e-06}$	$4.21^{+0.02}_{-0.02}$	–	–	
	Maciejewski (2020)	Alsubai et al. (2019a)	Maciejewski (2020)		

Qatar-9b	$2458227.75643^{+0.00027}_{-0.00027}$	$4309.0^{+31.0}_{-31.0}$	$0.1489^{+0.0009}_{-0.0009}$	$7.236^{+0.069}_{-0.069}$	$89.23^{+0.64}_{-0.64}$
	$1.540731^{+3.8e-05}_{-3.8e-05}$	$4.61^{+0.01}_{-0.01}$	–	–	
	Alsubai et al. (2019a)	Alsubai et al. (2019a)	Alsubai et al. (2019a)		
TIC257060897b	$2458708.9983^{+0.0003}_{-0.0003}$	$6128.0^{+57.0}_{-57.0}$	$0.0841^{+0.0009}_{-0.0009}$	$6.05^{+0.09}_{-0.09}$	$86.0^{+0.7}_{-0.7}$
	$3.660028^{+6e-06}_{-6e-06}$	$4.2^{+0.1}_{-0.1}$	$0.03^{+0.02}_{-0.02}$	$20.0^{+72.0}_{-72.0}$	
	Montalto et al. (2022)	Montalto et al. (2022)	Montalto et al. (2022)		
TOI-1130b	$2458658.74627^{+0.00072}_{-0.00072}$	$4250.0^{+67.0}_{-67.0}$	$0.0486^{+0.00111}_{-0.00111}$	$13.4^{+0.6}_{-0.6}*$	$87.98^{+0.86}_{-0.46}$
	$4.066499^{+4.6e-05}_{-4.6e-05}$	$4.6^{+0.02}_{-0.02}$	$0.22^{+0.11}_{-0.11}$	$51.8^{+20.1}_{-64.9}$	
	Huang et al. (2020)	Huang et al. (2020)	Huang et al. (2020)		
TOI-1130c	$2458657.90461^{+0.00021}_{-0.00021}$	$4250.0^{+67.0}_{-67.0}$	$0.218^{+0.037}_{-0.037}$	$22.21^{+0.5}_{-0.43}$	$87.43^{+0.16}_{-0.16}$
	$8.350381^{+3.2e-05}_{-3.2e-05}$	$4.6^{+0.02}_{-0.02}$	$0.047^{+0.04}_{-0.027}$	$332.0^{+24.0}_{-55.0}$	
	Huang et al. (2020)	Huang et al. (2020)	Huang et al. (2020)		
TOI-1201b	$2459169.23222^{+0.00052}_{-0.00052}$	$3476.0^{+51.0}_{-51.0}$	$0.04383^{+0.00096}_{-0.00096}$	$12.23^{+0.36}_{-0.36}$	$88.11^{+0.42}_{-0.4}$
	$2.4919863^{+3e-06}_{-3e-06}$	$4.8^{+0.04}_{-0.04}$	–	–	
	Kossakowski et al. (2021)	Kossakowski et al. (2021)	Kossakowski et al. (2021)		
TOI-1259Ab	$2458686.701332^{+9.7e-05}_{-9.7e-05}$	$4775.0^{+100.0}_{-100.0}$	$0.14762^{+0.00035}_{-0.00035}$	$12.314^{+0.036}_{-0.056}$	$89.7^{+0.2}_{-0.26}$
	$3.477978^{+1.9e-06}_{-1.9e-06}$	$4.61^{+0.01}_{-0.01}$	–	–	
	Martin et al. (2021)	Martin et al. (2021)	Martin et al. (2021)		
TOI-125b	$2458355.3553^{+0.001}_{-0.001}$	$5282.0^{+67.0}_{-75.0}$	$0.0295^{+0.0007}_{-0.0007}$	$13.16^{+0.27}_{-0.27}$	$88.92^{+0.71}_{-0.6}$
	$4.65382^{+0.00033}_{-0.00033}$	$4.52^{+0.03}_{-0.03}$	$0.194^{+0.041}_{-0.036}$	$323.0^{+12.0}_{-14.0}$	
	Nielsen et al. (2020b)	Quinn et al. (2019)	Nielsen et al. (2020b)		
TOI-125c	$2458361.9085^{+0.0013}_{-0.0013}$	$5282.0^{+67.0}_{-75.0}$	$0.02985^{+0.00099}_{-0.00099}$	$20.66^{+0.42}_{-0.42}$	$88.54^{+0.41}_{-0.19}$
	$9.15059^{+0.0007}_{-0.0007}$	$4.52^{+0.03}_{-0.03}$	$0.066^{+0.07}_{-0.047}$	$70.0^{+100.0}_{-110.0}$	
	Nielsen et al. (2020b)	Quinn et al. (2019)	Nielsen et al. (2020b)		
TOI-1266c	$2458821.5706^{+0.0034}_{-0.0034}$	$3600.0^{+150.0}_{-150.0}$	$0.0346^{+0.0025}_{-0.0025}$	$53.0^{+2.0}_{-1.9}*$	$89.3^{+0.1}_{-0.1}$
	$18.80151^{+0.00067}_{-0.00067}$	$4.85^{+0.05}_{-0.05}$	–	–	
	Demory et al. (2020)	Demory et al. (2020)	Demory et al. (2020)		
TOI-1296b	$2458930.75532^{+0.00019}_{-0.00019}$	$5603.0^{+47.0}_{-47.0}$	$0.07599^{+0.00046}_{-0.00046}$	$6.44^{+0.24}_{-0.33}$	$88.81^{+0.82}_{-1.0}$
	$3.9443715^{+5.8e-06}_{-5.8e-06}$	$4.05^{+0.1}_{-0.1}$	$0.055^{+0.061}_{-0.038}$	$137.0^{+62.0}_{-62.0}$	
	Moutou et al. (2021)	Moutou et al. (2021)	Moutou et al. (2021)		
TOI-1298b	$2458929.58558^{+0.00031}_{-0.00031}$	$5889.0^{+43.0}_{-43.0}$	$0.06119^{+0.00053}_{-0.00053}$	$9.0^{+0.25}_{-0.29}$	$88.96^{+0.73}_{-0.86}$
	$4.537164^{+1.2e-05}_{-1.2e-05}$	$4.39^{+0.08}_{-0.08}$	$0.032^{+0.034}_{-0.023}$	$130.0^{+92.0}_{-92.0}$	
	Moutou et al. (2021)	Moutou et al. (2021)	Moutou et al. (2021)		
TOI-1478b	$2458607.90338^{+0.00052}_{-0.00052}$	$5597.0^{+83.0}_{-82.0}$	$0.104^{+0.0015}_{-0.0015}$	$18.54^{+0.7}_{-0.6}$	$88.51^{+0.29}_{-0.22}$
	$10.180249^{+1.5e-05}_{-1.5e-05}$	$4.37^{+0.04}_{-0.03}$	$0.024^{+0.032}_{-0.017}$	$250.0^{+120.0}_{-130.0}$	
	Rodriguez et al. (2021)	Rodriguez et al. (2021)	Rodriguez et al. (2021)		
TOI-150.01	$2458326.2781^{+0.00086}_{-0.00086}$	$6003.0^{+104.0}_{-98.0}$	$0.0826^{+0.0012}_{-0.0012}$	$8.0^{+0.13}_{-0.12}*$	$88.09^{+0.98}_{-0.68}$
	$5.857487^{+8.9e-05}_{-8.9e-05}$	$4.15^{+0.03}_{-0.04}$	–	–	
	Kossakowski et al. (2019)	Cañas et al. (2019)	Kossakowski et al. (2019)		
TOI-1518b	$2458787.049255^{+9.4e-05}_{-9.4e-05}$	$7300.0^{+100.0}_{-100.0}$	$0.0988^{+0.0015}_{-0.0015}$	$4.291^{+0.057}_{-0.061}$	$77.84^{+0.23}_{-0.26}$
	$1.902603^{+1.1e-05}_{-1.1e-05}$	$4.1^{+0.2}_{-0.2}$	–	–	
	Cabot et al. (2021)	Cabot et al. (2021)	Cabot et al. (2021)		
TOI-157b	$2458326.54771^{+0.00022}_{-0.00022}$	$5404.0^{+70.0}_{-67.0}$	$0.11329^{+0.00056}_{-0.00056}$	$5.785^{+0.066}_{-0.069}$	$82.01^{+0.15}_{-0.16}$
	$2.0845435^{+2.3e-06}_{-2.3e-06}$	$4.28^{+0.01}_{-0.01}$	–	–	
	Nielsen et al. (2020a)	Nielsen et al. (2020a)	Nielsen et al. (2020a)		
TOI-163b	$2458328.8805^{+0.00062}_{-0.00062}$	$6495.0^{+90.0}_{-90.0}$	$0.0908^{+0.0016}_{-0.0016}$	$7.55^{+0.15}_{-0.15}*$	$87.24^{+0.47}_{-0.45}$
	$4.231306^{+6.3e-05}_{-6.3e-05}$	$4.19^{+0.01}_{-0.01}$	–	–	
	Kossakowski et al. (2019)	Kossakowski et al. (2019)	Kossakowski et al. (2019)		
TOI-169b	$2458327.44174^{+0.00065}_{-0.00065}$	$5880.0^{+54.0}_{-49.0}$	$0.0866^{+0.0056}_{-0.0056}$	$5.88^{+0.15}_{-0.16}$	$80.98^{+0.31}_{-0.38}$

	$2.2554477^{+6.3e-06}_{-6.3e-06}$ Nielsen et al. (2020a)	$4.28^{+0.03}_{-0.03}$ Nielsen et al. (2020a)	– Nielsen et al. (2020a)	–	
TOI-1728b	$2458843.27427^{+0.00043}_{-0.00043}$ $3.49151^{+6.2e-05}_{-6.2e-05}$ Kanodia et al. (2020)	$3975.0^{+77.0}_{-77.0}$ $4.66^{+0.02}_{-0.02}$ Kanodia et al. (2020)	$0.074^{+0.002}_{-0.002}$ $0.057^{+0.054}_{-0.039}$ Kanodia et al. (2020)	$13.48^{+0.2}_{-0.2}$ $45.0^{+104.0}_{-187.0}$	$88.31^{+0.58}_{-0.4}$
TOI-172b	$2458345.8734^{+0.0013}_{-0.0013}$ $9.47725^{+0.00064}_{-0.00064}$ Rodriguez et al. (2019b)	$5645.0^{+50.0}_{-50.0}$ $3.99^{+0.03}_{-0.03}$ Rodriguez et al. (2019b)	$0.05588^{+0.00091}_{-0.00091}$ $0.3806^{+0.0093}_{-0.009}$ Rodriguez et al. (2019b)	$11.09^{+0.28}_{-0.3}$ $57.1^{+1.7}_{-1.7}$	$88.2^{+1.1}_{-1.0}$
TOI-1789b	$2458873.65374^{+0.00062}_{-0.00062}$ $3.208664^{+1.5e-05}_{-1.5e-05}$ Khandelwal et al. (2022)	$5991.0^{+55.0}_{-55.0}$ $3.94^{+0.02}_{-0.04}$ Khandelwal et al. (2022)	$0.068^{+0.011}_{-0.011}$ – Khandelwal et al. (2022)	$4.83^{+0.11}_{-0.16}$ –	$78.41^{+0.36}_{-0.58}$
TOI-201b	$2458376.052^{+0.0003}_{-0.0003}$ $52.97818^{+4e-05}_{-4e-05}$ Hobson et al. (2021)	$6394.0^{+75.0}_{-75.0}$ $4.32^{+0.01}_{-0.01}$ Hobson et al. (2021)	$0.0789^{+0.0013}_{-0.0013}$ $0.28^{+0.06}_{-0.09}$ Hobson et al. (2021)	$50.9^{+2.9}_{-2.9}$* $82.0^{+14.0}_{-9.0}$	$88.88^{+0.11}_{-0.11}$*
TOI-2076b	$2458847.2776^{+0.0006}_{-0.0006}$ $10.35566^{+6e-05}_{-6e-05}$ Hedges et al. (2021)	$5187.0^{+54.0}_{-53.0}$ $4.61^{+0.02}_{-0.02}$ Hedges et al. (2021)	$0.0395^{+0.001}_{-0.001}$ – Hedges et al. (2021)	$22.5^{+0.2}_{-0.2}$* –	$88.9^{+0.11}_{-0.11}$
TOI-216.01	$2458331.28611^{+0.00068}_{-0.00068}$ $34.556^{+0.014}_{-0.014}$ Kipping et al. (2019)	$5026.0^{+125.0}_{-125.0}$ $4.66^{+0.2}_{-0.2}$ Kipping et al. (2019)	$0.1235^{+0.0014}_{-0.0014}$ $0.029^{+0.037}_{-0.02}$ Kipping et al. (2019)	$55.07^{+0.86}_{-0.86}$* $275.0^{+55.0}_{-113.0}$	$89.83^{+0.11}_{-0.12}$
TOI-216.02	$2458325.3278^{+0.0026}_{-0.0026}$ $17.089^{+0.011}_{-0.011}$ Kipping et al. (2019)	$5026.0^{+125.0}_{-125.0}$ $4.66^{+0.2}_{-0.2}$ Kipping et al. (2019)	$0.0833^{+0.0168}_{-0.0168}$ $0.132^{+0.059}_{-0.023}$ Kipping et al. (2019)	$33.25^{+0.46}_{-0.65}$ $193.0^{+20.0}_{-35.0}$	$88.364^{+0.042}_{-0.068}$
TOI-257b	$2458385.7601^{+0.0013}_{-0.0013}$ $18.38818^{+0.00085}_{-0.00085}$ Addison et al. (2021)	$6095.0^{+89.0}_{-89.0}$ $4.04^{+0.02}_{-0.02}$ Addison et al. (2021)	$0.03521^{+0.00022}_{-0.00022}$ – Addison et al. (2021)	$17.6^{+0.36}_{-0.35}$ –	$87.91^{+0.11}_{-0.1}$
TOI-269b	$2458381.84668^{+0.00033}_{-0.00033}$ $3.6977104^{+3.7e-06}_{-3.7e-06}$ Cointepas et al. (2021)	$3514.0^{+70.0}_{-70.0}$ $4.83^{+0.03}_{-0.03}$ Cointepas et al. (2021)	$0.0638^{+0.002}_{-0.002}$ $0.425^{+0.082}_{-0.086}$ Cointepas et al. (2021)	$18.53^{+0.66}_{-1.33}$ $74.0^{+15.0}_{-15.0}$	$88.14^{+0.78}_{-0.9}$
TOI-270b	$2458461.01464^{+0.00084}_{-0.00084}$ $3.36008^{+6.5e-05}_{-6.5e-05}$ Günther et al. (2019)	$3386.0^{+137.0}_{-131.0}$ $4.88^{+0.068}_{-0.067}$ Günther et al. (2019)	$0.03^{+0.0015}_{-0.0015}$ – Günther et al. (2019)	$17.48^{+1.49}_{-3.24}$ –	$88.65^{+0.85}_{-1.4}$
TOI-270c	$2458463.08481^{+0.00025}_{-0.00025}$ $5.660172^{+3.5e-05}_{-3.5e-05}$ Günther et al. (2019)	$3386.0^{+137.0}_{-131.0}$ $4.88^{+0.068}_{-0.067}$ Günther et al. (2019)	$0.05825^{+0.00079}_{-0.00079}$ – Günther et al. (2019)	$27.01^{+0.6}_{-1.58}$ –	$89.53^{+0.3}_{-0.42}$
TOI-270d	$2458469.33834^{+0.00052}_{-0.00052}$ $11.38014^{+0.00011}_{-0.00011}$ Günther et al. (2019)	$3386.0^{+137.0}_{-131.0}$ $4.88^{+0.068}_{-0.067}$ Günther et al. (2019)	$0.05143^{+0.00074}_{-0.00074}$ – Günther et al. (2019)	$41.56^{+0.7}_{-0.83}$ –	$89.69^{+0.16}_{-0.12}$
TOI-421c	$2458440.13162^{+0.0007}_{-0.0007}$ $16.06819^{+0.00035}_{-0.00035}$ Carleo et al. (2020)	$5325.0^{+78.0}_{-58.0}$ $4.49^{+0.03}_{-0.02}$ Carleo et al. (2020)	$0.0542^{+0.0011}_{-0.0011}$ $0.152^{+0.042}_{-0.042}$ Carleo et al. (2020)	$29.91^{+4.19}_{-4.03}$ $114.7^{+15.6}_{-13.3}$	$88.353^{+0.078}_{-0.084}$
TOI-431b	$2458627.538^{+0.003}_{-0.003}$ $0.490047^{+1e-05}_{-1e-05}$ Osborn et al. (2021a)	$4850.0^{+75.0}_{-75.0}$ $4.6^{+0.06}_{-0.06}$ Osborn et al. (2021a)	$0.016^{+0.001}_{-0.001}$ – Osborn et al. (2021a)	$3.42^{+1.71}_{-1.12}$ –	$84.3^{+1.1}_{-1.3}$
TOI-431d	$2458627.5453^{+0.0003}_{-0.0003}$ $12.46103^{+2e-05}_{-2e-05}$ Osborn et al. (2021a)	$4850.0^{+75.0}_{-75.0}$ $4.6^{+0.06}_{-0.06}$ Osborn et al. (2021a)	$0.041^{+0.002}_{-0.002}$ – Osborn et al. (2021a)	$28.65^{+128.31}_{-22.86}$ –	$89.7^{+0.2}_{-0.2}$
TOI-451c	$2458411.7956^{+0.0048}_{-0.0048}$ $9.192522^{+6e-05}_{-6e-05}$ Newton et al. (2021)	$5550.0^{+56.0}_{-56.0}$ $4.527^{+0.039}_{-0.038}$ Newton et al. (2021)	$0.03237^{+0.00065}_{-0.00065}$ – Newton et al. (2021)	$20.12^{+0.31}_{-0.47}$ –	$89.61^{+0.27}_{-0.36}$

TOI-451d	$2458416.63478^{+0.00088}_{-0.00088}$	$5550.0^{+56.0}_{-56.0}$	$0.04246^{+0.00044}_{-0.00044}$	$29.56^{+0.46}_{-0.69}$	$89.25^{+0.084}_{-0.1}$
	$16.364988^{+4.4e-05}_{-4.4e-05}$	$4.527^{+0.039}_{-0.038}$	–	–	
	Newton et al. (2021)	Newton et al. (2021)	Newton et al. (2021)		
TOI-481b	$2458511.6418^{+0.0002}_{-0.0002}$	$5735.0^{+72.0}_{-72.0}$	$0.0614^{+0.0002}_{-0.0002}$	$12.52^{+0.28}_{-0.28}$	$89.2^{+0.3}_{-0.3}$
	$10.33111^{+2e-05}_{-2e-05}$	$4.06^{+0.01}_{-0.01}$	$0.153^{+0.006}_{-0.007}$	$64.8^{+1.8}_{-1.8}$	
	Brahm et al. (2020)	Brahm et al. (2020)	Brahm et al. (2020)		
TOI-530b	$2458470.1998^{+0.0016}_{-0.0016}$	$3659.0^{+120.0}_{-120.0}$	$0.155^{+0.002}_{-0.002}$	$20.97^{+0.65}_{-0.67}$	$89.1^{+0.3}_{-0.3}$
	$6.387597^{+1.9e-05}_{-1.9e-05}$	$4.7^{+0.03}_{-0.03}$	–	–	
	Gan et al. (2022)	Gan et al. (2022)	Gan et al. (2022)		
TOI-561c	$2458527.06^{+0.004}_{-0.004}$	$5455.0^{+65.0}_{-47.0}$	$0.0308^{+0.0009}_{-0.0009}$	$22.1^{+0.26}_{-0.26}$	$89.53^{+0.32}_{-0.39}$
	$10.779^{+0.004}_{-0.004}$	$4.47^{+0.01}_{-0.01}$	$0.06^{+0.067}_{-0.042}$	$200.0^{+55.0}_{-49.0}$	
	Lacedelli et al. (2021)	Lacedelli et al. (2021)	Lacedelli et al. (2021)		
TOI-564b	$2458549.57554^{+0.00045}_{-0.00045}$	$5640.0^{+34.0}_{-37.0}$	$0.096^{+0.089}_{-0.089}$	$5.32^{+1.29}_{-0.86}$	$78.38^{+0.71}_{-0.85}$
	$1.651144^{+1.8e-05}_{-1.8e-05}$	$4.36^{+0.03}_{-0.03}$	$0.072^{+0.083}_{-0.05}$	$94.0^{+32.0}_{-35.0}$	
	Davis et al. (2020)	Davis et al. (2020)	Davis et al. (2020)		
TOI-640b	$2458459.73877^{+0.00071}_{-0.00071}$	$6460.0^{+130.0}_{-150.0}$	$0.08738^{+0.00091}_{-0.00091}$	$6.82^{+0.22}_{-0.24}$	$82.54^{+0.42}_{-0.59}$
	$5.0037775^{+4.8e-06}_{-4.8e-06}$	$3.99^{+0.03}_{-0.04}$	$0.05^{+0.054}_{-0.035}$	$159.0^{+86.0}_{-99.0}$	
	Rodriguez et al. (2021)	Rodriguez et al. (2021)	Rodriguez et al. (2021)		
TOI-674b	$2458641.40455^{+0.0001}_{-0.0001}$	$3514.0^{+57.0}_{-57.0}$	$0.114^{+0.0009}_{-0.0009}$	$12.8^{+0.42}_{-0.42}$	$87.21^{+0.24}_{-0.24}$
	$1.977143^{+3e-06}_{-3e-06}$	$4.81^{+0.03}_{-0.03}$	–	–	
	Murgas et al. (2021)	Murgas et al. (2021)	Murgas et al. (2021)		
TOI-677b	$2458547.47448^{+0.00028}_{-0.00028}$	$6295.0^{+77.0}_{-77.0}$	$0.0942^{+0.001}_{-0.001}$	$21.5^{+0.17*}_{-0.17}$	$87.63^{+0.11}_{-0.1}$
	$11.2366^{+0.00011}_{-0.00011}$	$4.29^{+0.03}_{-0.03}$	$0.435^{+0.024}_{-0.024}$	$70.47^{+3.61}_{-3.61}$	
	Jordán et al. (2020)	Jordán et al. (2020)	Jordán et al. (2020)		
TOI-700c	$2458548.75256^{+0.0005}_{-0.0005}$	$3480.0^{+135.0}_{-135.0}$	$0.0573^{+0.002}_{-0.002}$	$47.1^{+2.0}_{-1.9}$	$88.868^{+0.083}_{-0.1}$
	$16.05111^{+6.2e-05}_{-6.2e-05}$	$4.81^{+0.06}_{-0.06}$	$0.078^{+0.075}_{-0.056}$	$81.0^{+80.0}_{-83.0}$	
	Rodriguez et al. (2020)	Gilbert et al. (2020)	Rodriguez et al. (2020)		
TOI-776b	$2458571.4167^{+0.001}_{-0.001}$	$3709.0^{+70.0}_{-70.0}$	$0.0316^{+0.0008}_{-0.0008}$	$27.87^{+0.97}_{-1.02}$	$89.65^{+0.22}_{-0.37}$
	$8.24661^{+5e-05}_{-5e-05}$	$4.73^{+0.03}_{-0.03}$	$0.06^{+0.03}_{-0.02}$	$293.0^{+117.0}_{-73.0}$	
	Luque et al. (2021)	Luque et al. (2021)	Luque et al. (2021)		
TOI-776c	$2458572.5999^{+0.0018}_{-0.0018}$	$3709.0^{+70.0}_{-70.0}$	$0.0344^{+0.0009}_{-0.0009}$	$39.4^{+1.6*}_{-1.8}$	$89.51^{+0.25}_{-0.21}$
	$15.6653^{+0.0004}_{-0.0004}$	$4.73^{+0.03}_{-0.03}$	$0.04^{+0.02}_{-0.01}$	$349.0^{+55.0}_{-79.0}$	
	Luque et al. (2021)	Luque et al. (2021)	Luque et al. (2021)		
TOI-824b	$2458639.60354^{+0.00035}_{-0.00035}$	$4600.0^{+110.0}_{-100.0}$	$0.0387^{+0.0018}_{-0.0018}$	$6.73^{+0.22}_{-0.21}$	$83.65^{+0.39}_{-0.38}$
	$1.392978^{+1.8e-05}_{-1.8e-05}$	$4.61^{+0.03}_{-0.03}$	–	–	
	Burt et al. (2020)	Burt et al. (2020)	Burt et al. (2020)		
TOI-837b	$2458574.27253^{+0.00059}_{-0.00059}$	$6047.0^{+162.0}_{-162.0}$	$0.08^{+0.01}_{-0.01}$	$17.26^{+0.6}_{-0.6}$	$86.89^{+0.14}_{-0.16}$
	$8.324876^{+1.6e-05}_{-1.6e-05}$	$4.47^{+0.05}_{-0.05}$	–	–	
	Bouma et al. (2020b)	Bouma et al. (2020b)	Bouma et al. (2020b)		
TOI-892b	$2458475.689^{+0.002}_{-0.002}$	$6261.0^{+80.0}_{-80.0}$	$0.079^{+0.001}_{-0.001}$	$14.2^{+0.8}_{-0.7}$	$88.2^{+0.3}_{-0.5}$
	$10.62656^{+7e-05}_{-7e-05}$	$4.26^{+0.02}_{-0.02}$	–	–	
	Brahm et al. (2020)	Brahm et al. (2020)	Brahm et al. (2020)		
TOI-905b	$2458643.30898^{+0.0002}_{-0.0002}$	$5570.0^{+150.0}_{-140.0}$	$0.1311^{+0.0012}_{-0.0012}$	$11.0^{+0.95}_{-1.16}$	$85.68^{+0.22}_{-0.26}$
	$3.739494^{+3.8e-05}_{-3.8e-05}$	$4.5^{+0.03}_{-0.03}$	$0.024^{+0.025}_{-0.017}$	$39.0^{+61.0}_{-82.0}$	
	Davis et al. (2020)	Davis et al. (2020)	Davis et al. (2020)		
TrES-1b	$2454110.97865^{+6e-05}_{-6e-05}$	$5230.0^{+50.0}_{-50.0}$	$0.1358^{+0.0003}_{-0.0003}$	$10.52^{+0.02}_{-0.18}$	$90.0^{+0.0}_{-1.1}$
	$3.03007008^{+1e-07}_{-1e-07}$	$4.57^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	Torres et al. (2008)	Torres et al. (2008)		
TrES-2b	$2455148.47118^{+3e-05}_{-3e-05}$	$5850.0^{+50.0}_{-50.0}$	$0.1254^{+0.0005}_{-0.0005}$	$7.903^{+0.019}_{-0.016}$	$83.872^{+0.02}_{-0.018}$

	$2.47061373^{+9e-08}_{-9e-08}$	$4.4^{+0.1}_{-0.1}$	–	–	
	Kokori et al. (2022)	Torres et al. (2008)	Esteves et al. (2015)		
TrES-3b	$2457536.279521^{+1.8e-05}_{-1.8e-05}$	$5650.0^{+75.0}_{-75.0}$	$0.17^{+0.03}_{-0.03}$	$6.0^{+0.8}_{-0.7}$	$82.0^{+0.3}_{-0.3}$
	$1.30618639^{+3e-08}_{-3e-08}$	$4.58^{+0.02}_{-0.01}$	–	–	
	Kokori et al. (2022)	Torres et al. (2008)	Christiansen et al. (2011)		
TrES-4b	$2455364.6085^{+0.0003}_{-0.0003}$	$6200.0^{+75.0}_{-75.0}$	$0.1045^{+0.0007}_{-0.0007}$	$6.14^{+0.24}_{-0.19}$	$83.1^{+0.5}_{-0.4}$
	$3.5539266^{+8e-07}_{-8e-07}$	$4.06^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Torres et al. (2008)	Sozzetti et al. (2015)		
TrES-5b	$2456833.6008^{+6e-05}_{-6e-05}$	$5171.0^{+36.0}_{-36.0}$	$0.142^{+0.0009}_{-0.0009}$	$6.19^{+0.09}_{-0.08}$	$84.65^{+0.24}_{-0.22}$
	$1.48224718^{+9e-08}_{-9e-08}$	$4.51^{+0.015}_{-0.015}$	–	–	
	Kokori et al. (2022)	Mandushev et al. (2011)	Maciejewski et al. (2016b)		
WASP-100b	$2458500.5573^{+0.00012}_{-0.00012}$	$6900.0^{+120.0}_{-120.0}$	$0.087^{+0.003}_{-0.003}$	$4.97^{+0.16}_{-0.16}$	$82.6^{+2.6}_{-1.7}$
	$2.849383^{+2.1e-06}_{-2.1e-06}$	$4.04^{+0.11}_{-0.11}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2014)	Hellier et al. (2014)		
WASP-101b	$2456297.36537^{+0.00019}_{-0.00019}$	$6400.0^{+110.0}_{-110.0}$	$0.1122^{+0.0009}_{-0.0009}$	$8.445^{+0.013}_{-0.013}$	$85.0^{+0.2}_{-0.2}$
	$3.5857072^{+1.2e-06}_{-1.2e-06}$	$4.34^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2014)	Hellier et al. (2014)		
WASP-103b	$2457132.47094^{+4e-05}_{-4e-05}$	$6110.0^{+160.0}_{-160.0}$	$0.1158^{+0.0006}_{-0.0006}$	$3.013^{+0.017}_{-0.027}$	$88.2^{+1.5}_{-1.5}$
	$0.92554544^{+8e-08}_{-8e-08}$	$4.22^{+0.12}_{-0.05}$	–	–	
	Kokori et al. (2022)	Gillon et al. (2014)	Southworth & Evans (2016)		
WASP-104b	$2457048.59061^{+0.00016}_{-0.00016}$	$5475.0^{+127.0}_{-127.0}$	$0.1214^{+0.0008}_{-0.0008}$	$6.52^{+0.13}_{-0.13}$	$83.63^{+0.25}_{-0.25}$
	$1.755406^{+3e-07}_{-3e-07}$	$4.5^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Smith et al. (2014)	Smith et al. (2014)		
WASP-105b	$2456600.07728^{+0.0002}_{-0.0002}$	$5070.0^{+130.0}_{-130.0}$	$0.10954^{+0.00046}_{-0.00046}$	$17.9^{+0.2}_{-0.2}$	$89.7^{+0.2}_{-0.2}$
	$7.87288^{+1e-05}_{-1e-05}$	$4.2^{+0.2}_{-0.2}$	–	–	
	Anderson et al. (2017)	Anderson et al. (2017)	Anderson et al. (2017)		
WASP-106b	$2456649.5505^{+0.0003}_{-0.0003}$	$6055.0^{+136.0}_{-136.0}$	$0.0801^{+0.0011}_{-0.0011}$	$14.2^{+0.11}_{-0.43}$	$89.5^{+0.3}_{-0.6}$
	$9.289715^{+1e-05}_{-1e-05}$	$4.23^{+0.01}_{-0.02}$	–	–	
	Smith et al. (2014)	Smith et al. (2014)	Smith et al. (2014)		
WASP-107b	$2456680.3346^{+0.0003}_{-0.0003}$	$4430.0^{+120.0}_{-120.0}$	$0.1446^{+0.0002}_{-0.0002}$	$17.96^{+0.05*}_{-0.05}$	$89.56^{+0.08}_{-0.08}$
	$5.721488^{+3e-06}_{-3e-06}$	$4.5^{+0.1}_{-0.1}$	–	–	
	Kokori et al. (2022)	Anderson et al. (2017)	Močnik et al. (2017a)		
WASP-10b	$2455638.24761^{+4e-05}_{-4e-05}$	$4675.0^{+100.0}_{-100.0}$	$0.1592^{+0.0011}_{-0.0011}$	$11.65^{+0.09}_{-0.13}$	$88.49^{+0.22}_{-0.17}$
	$3.09272826^{+1e-07}_{-1e-07}$	$4.4^{+0.2}_{-0.2}$	–	–	
	Kokori et al. (2022)	Christian et al. (2009)	Johnson et al. (2009b)		
WASP-113b	$2457201.64037^{+4e-05}_{-4e-05}$	$5890.0^{+140.0}_{-140.0}$	$0.0899^{+0.0016}_{-0.0016}$	$7.87^{+0.14}_{-0.14}$	$86.5^{+1.2}_{-0.6}$
	$4.54217^{+3e-06}_{-3e-06}$	$4.2^{+0.1}_{-0.1}$	–	–	
	Kokori et al. (2022)	Barros et al. (2016)	Barros et al. (2016)		
WASP-114b	$2457242.33222^{+0.0002}_{-0.0002}$	$5940.0^{+140.0}_{-140.0}$	$0.0963^{+0.0008}_{-0.0008}$	$4.29^{+0.11}_{-0.11}$	$84.0^{+0.9}_{-0.9}$
	$1.5487752^{+3e-07}_{-3e-07}$	$4.3^{+0.1}_{-0.1}$	$0.012^{+0.022}_{-0.009}$	$289.0^{+150.0}_{-35.0}$	
	Kokori et al. (2022)	Barros et al. (2016)	Barros et al. (2016)		
WASP-117b	$2457355.5137^{+0.0006}_{-0.0006}$	$6038.0^{+88.0}_{-88.0}$	$0.09^{+0.003}_{-0.003}$	$17.4^{+0.8}_{-0.8}$	$89.1^{+0.3}_{-0.3}$
	$10.020607^{+1.1e-05}_{-1.1e-05}$	$4.28^{+0.16}_{-0.16}$	$0.302^{+0.023}_{-0.023}$	$242.0^{+2.3}_{-2.7}$	
	Mallonn et al. (2019b)	Lendl et al. (2014)	Lendl et al. (2014)		
WASP-118b	$2457423.045614^{+2e-05}_{-2e-05}$	$6410.0^{+125.0}_{-125.0}$	$0.08173^{+6e-05}_{-6e-05}$	$6.707^{+0.015}_{-0.015}$	$88.24^{+0.14}_{-0.14}$
	$4.046041^{+3e-06}_{-3e-06}$	$4.1^{+0.01}_{-0.01}$	–	–	
	Močnik et al. (2017a)	Hay et al. (2016)	Močnik et al. (2017a)		
WASP-119b	$2458924.8626^{+0.0004}_{-0.0004}$	$5650.0^{+100.0}_{-100.0}$	$0.114^{+0.003}_{-0.003}$	$6.3^{+0.7}_{-0.5}$	$85.0^{+2.0}_{-2.0}$
	$2.4998045^{+1.7e-06}_{-1.7e-06}$	$4.26^{+0.08}_{-0.08}$	–	–	
	Kokori et al. (2022)	Maxted et al. (2016)	Maxted et al. (2016)		

WASP-11b	$2456200.28683^{+9e-05}_{-9e-05}$	$4800.0^{+100.0}_{-100.0}$	$0.131^{+0.0008}_{-0.0008}$	$12.3^{+0.11}_{-0.11}$	$89.1^{+0.5}_{-0.5}$
	$3.722479^{+3e-07}_{-3e-07}$	$4.45^{+0.2}_{-0.2}$	–	–	
	Kokori et al. (2022)	West et al. (2009a)	Wang et al. (2014b)		
WASP-120b	$2456779.4363^{+0.0005}_{-0.0005}$	$6450.0^{+120.0}_{-120.0}$	$0.0809^{+0.001}_{-0.001}$	$5.9^{+0.3}_{-0.3}$	$82.5^{+0.8}_{-0.8}$
	$3.611271^{+4e-06}_{-4e-06}$	$4.04^{+0.05}_{-0.05}$	$0.057^{+0.022}_{-0.018}$	$333.0^{+48.0}_{-28.0}$	
	Turner et al. (2016b)	Turner et al. (2016b)	Turner et al. (2016b)		
WASP-121b	$2457404.48798^{+6e-05}_{-6e-05}$	$6459.0^{+140.0}_{-140.0}$	$0.1245^{+0.0005}_{-0.0005}$	$3.754^{+0.023}_{-0.028}$	$87.6^{+0.6}_{-0.6}$
	$1.27492477^{+1.2e-07}_{-1.2e-07}$	$4.24^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	Delrez et al. (2016)	Delrez et al. (2016)		
WASP-123b	$2456845.1716^{+0.0004}_{-0.0004}$	$5740.0^{+130.0}_{-130.0}$	$0.1054^{+0.0013}_{-0.0013}$	$7.13^{+0.25}_{-0.25}$	$85.7^{+0.6}_{-0.6}$
	$2.9776412^{+2.3e-06}_{-2.3e-06}$	$4.29^{+0.03}_{-0.03}$	–	–	
	Turner et al. (2016b)	Turner et al. (2016b)	Turner et al. (2016b)		
WASP-124b	$2457173.60811^{+0.00012}_{-0.00012}$	$6050.0^{+100.0}_{-100.0}$	$0.1241^{+0.0008}_{-0.0008}$	$9.4^{+1.9}_{-1.4}$	$86.3^{+0.2}_{-0.2}$
	$3.3726492^{+8e-07}_{-8e-07}$	$4.44^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Maxted et al. (2016)	Maxted et al. (2016)		
WASP-126b	$2457758.5601^{+0.0006}_{-0.0006}$	$5800.0^{+100.0}_{-100.0}$	$0.0781^{+0.0013}_{-0.0013}$	$7.63^{+0.24}_{-0.59}$	$87.9^{+1.5}_{-1.5}$
	$3.2887885^{+1.8e-06}_{-1.8e-06}$	$4.28^{+0.03}_{-0.07}$	–	–	
	Kokori et al. (2022)	Maxted et al. (2016)	Maxted et al. (2016)		
WASP-127b	$2457248.7421^{+0.00016}_{-0.00016}$	$5620.0^{+85.0}_{-85.0}$	$0.1004^{+0.0014}_{-0.0014}$	$7.95^{+0.19}_{-0.27}$	$88.2^{+1.1}_{-0.9}$
	$4.178062^{+2e-06}_{-2e-06}$	$4.18^{+0.01}_{-0.01}$	–	–	
	Lam et al. (2017)	Lam et al. (2017)	Palle et al. (2017)		
WASP-129b	$2457027.43807^{+0.0002}_{-0.0002}$	$5900.0^{+100.0}_{-100.0}$	$0.1068^{+0.0005}_{-0.0005}$	$15.2^{+0.4}_{-0.4}$	$87.7^{+0.2}_{-0.2}$
	$5.748145^{+4e-06}_{-4e-06}$	$4.53^{+0.02}_{-0.02}$	–	–	
	Maxted et al. (2016)	Maxted et al. (2016)	Maxted et al. (2016)		
WASP-12b	$2456594.6816^{+4e-05}_{-4e-05}$	$6300.0^{+200.0}_{-200.0}$	$0.1178^{+0.0005}_{-0.0005}$	$3.04^{+0.03}_{-0.03}$	$83.4^{+0.7}_{-0.6}$
	$1.09141964^{+4e-08}_{-4e-08}$	$4.18^{+0.06}_{-0.06}$	–	–	
	Kokori et al. (2022)	Hebb et al. (2009)	Collins et al. (2017)		
WASP-130b	$2456921.1438^{+0.0003}_{-0.0003}$	$5625.0^{+90.0}_{-90.0}$	$0.0957^{+0.0007}_{-0.0007}$	$22.66^{+0.03}_{-0.03}$	$88.66^{+0.12}_{-0.12}$
	$11.55098^{+1e-05}_{-1e-05}$	$4.49^{+0.02}_{-0.02}$	–	–	
	Hellier et al. (2017)	Hellier et al. (2017)	Hellier et al. (2017)		
WASP-131b	$2456919.8244^{+0.0004}_{-0.0004}$	$6030.0^{+90.0}_{-90.0}$	$0.0815^{+0.0007}_{-0.0007}$	$8.376^{+0.02}_{-0.02}$	$85.0^{+0.3}_{-0.3}$
	$5.322023^{+5e-06}_{-5e-06}$	$4.09^{+0.03}_{-0.03}$	–	–	
	Hellier et al. (2017)	Hellier et al. (2017)	Hellier et al. (2017)		
WASP-132b	$2457732.5679^{+0.0003}_{-0.0003}$	$4775.0^{+100.0}_{-100.0}$	$0.1208^{+0.0012}_{-0.0012}$	$19.31^{+0.18*}_{-0.18}$	$89.6^{+0.3}_{-0.3}$
	$7.1335135^{+1.8e-06}_{-1.8e-06}$	$4.61^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2017)	Hellier et al. (2017)		
WASP-133b	$2457262.80855^{+0.00019}_{-0.00019}$	$5700.0^{+100.0}_{-100.0}$	$0.086^{+0.0006}_{-0.0006}$	$5.16^{+0.08}_{-0.15}$	$87.0^{+1.0}_{-1.0}$
	$2.1764231^{+8e-07}_{-8e-07}$	$4.18^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Maxted et al. (2016)	Maxted et al. (2016)		
WASP-135b	$2458606.9117^{+0.0003}_{-0.0003}$	$5675.0^{+60.0}_{-60.0}$	$0.139^{+0.003}_{-0.003}$	$5.53^{+0.18*}_{-0.18}$	$82.0^{+0.6}_{-0.6}$
	$1.4013788^{+4e-07}_{-4e-07}$	$4.47^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Spake et al. (2016)	Spake et al. (2016)		
WASP-136b	$2456776.9069^{+0.0011}_{-0.0011}$	$6260.0^{+100.0}_{-100.0}$	$0.0641^{+0.0012}_{-0.0012}$	$6.39^{+0.14}_{-0.14}$	$84.7^{+1.6}_{-1.3}$
	$5.215357^{+6e-06}_{-6e-06}$	$3.9^{+0.06}_{-0.06}$	–	–	
	Lam et al. (2017)	Lam et al. (2017)	Lam et al. (2017)		
WASP-138b	$2457326.6226^{+0.0003}_{-0.0003}$	$6272.0^{+96.0}_{-96.0}$	$0.0826^{+0.0008}_{-0.0008}$	$7.39^{+0.15*}_{-0.15}$	$88.5^{+0.9}_{-1.2}$
	$3.634433^{+5e-06}_{-5e-06}$	$4.25^{+0.02}_{-0.02}$	–	–	
	Lam et al. (2017)	Lam et al. (2017)	Lam et al. (2017)		
WASP-139b	$2457196.7941^{+0.0003}_{-0.0003}$	$5310.0^{+90.0}_{-90.0}$	$0.1034^{+0.0015}_{-0.0015}$	$17.19^{+0.14}_{-0.14}$	$88.9^{+0.5}_{-0.5}$

	$5.924262^{+4e-06}_{-4e-06}$	$4.59^{+0.06}_{-0.06}$	–	–	
	Hellier et al. (2017)	Hellier et al. (2017)	Hellier et al. (2017)		
WASP-13b	$2455575.5144^{+0.0016}_{-0.0016}$	$5826.0^{+100.0}_{-100.0}$	$0.0933^{+0.0021}_{-0.0021}$	$8.51^{+0.21}_{-0.21}$	$86.9^{+1.6}_{-1.2}$
	$4.353011^{+1.3e-05}_{-1.3e-05}$	$4.04^{+0.2}_{-0.2}$	–	–	
	Barros et al. (2012)	Skillen et al. (2009)	Skillen et al. (2009)		
WASP-140b	$2457205.26576^{+0.00022}_{-0.00022}$	$5260.0^{+100.0}_{-100.0}$	$0.1432^{+0.007}_{-0.007}$	$7.94^{+0.12*}_{-0.12}$	$83.3^{+0.5}_{-0.8}$
	$2.2359838^{+7e-07}_{-7e-07}$	$4.51^{+0.04}_{-0.04}$	$0.047^{+0.004}_{-0.004}$	$356.0^{+8.0}_{-8.0}$	
	Kokori et al. (2022)	Hellier et al. (2017)	Hellier et al. (2017)		
WASP-141b	$2457019.5961^{+0.0003}_{-0.0003}$	$5900.0^{+120.0}_{-120.0}$	$0.0911^{+0.0011}_{-0.0011}$	$7.4^{+0.12}_{-0.12}$	$87.6^{+1.3}_{-1.3}$
	$3.310651^{+5e-06}_{-5e-06}$	$4.26^{+0.04}_{-0.04}$	–	–	
	Hellier et al. (2017)	Hellier et al. (2017)	Hellier et al. (2017)		
WASP-142b	$2457007.7787^{+0.0004}_{-0.0004}$	$6010.0^{+140.0}_{-140.0}$	$0.0957^{+0.0014}_{-0.0014}$	$4.524^{+0.02}_{-0.02}$	$80.2^{+0.6}_{-0.6}$
	$2.052868^{+2e-06}_{-2e-06}$	$4.13^{+0.04}_{-0.04}$	–	–	
	Hellier et al. (2017)	Hellier et al. (2017)	Hellier et al. (2017)		
WASP-144b	$2457157.27572^{+0.00015}_{-0.00015}$	$5200.0^{+140.0}_{-140.0}$	$0.1079^{+0.0013}_{-0.0013}$	$8.39^{+0.23}_{-0.23}$	$86.9^{+0.5}_{-0.5}$
	$2.2783152^{+1.3e-06}_{-1.3e-06}$	$4.53^{+0.03}_{-0.03}$	–	–	
	Hellier et al. (2019a)	Hellier et al. (2019a)	Hellier et al. (2019a)		
WASP-145Ab	$2456844.166^{+0.0003}_{-0.0003}$	$4900.0^{+150.0}_{-150.0}$	$0.108^{+0.012}_{-0.012}$	$8.09^{+0.09*}_{-0.09}$	$83.3^{+1.3}_{-1.3}$
	$1.7690381^{+8e-07}_{-8e-07}$	$4.65^{+0.1}_{-0.1}$	–	–	
	Hellier et al. (2019a)	Hellier et al. (2019a)	Hellier et al. (2019a)		
WASP-147b	$2456562.5958^{+0.0013}_{-0.0013}$	$5702.0^{+100.0}_{-100.0}$	$0.08^{+0.004}_{-0.004}$	$8.3^{+0.4}_{-0.7}$	$87.9^{+1.5}_{-1.6}$
	$4.60273^{+3e-05}_{-3e-05}$	$4.15^{+0.09}_{-0.09}$	–	–	
	Lendl et al. (2019)	Lendl et al. (2019)	Lendl et al. (2019)		
WASP-14b	$2455643.79792^{+0.00011}_{-0.00011}$	$6475.0^{+100.0}_{-100.0}$	$0.0942^{+0.0004}_{-0.0004}$	$5.99^{+0.09}_{-0.09}$	$84.63^{+0.24}_{-0.24}$
	$2.24376628^{+2.4e-07}_{-2.4e-07}$	$4.29^{+0.07}_{-0.07}$	$0.083^{+0.003}_{-0.003}$	$252.7^{+0.7}_{-0.8}$	
	Kokori et al. (2022)	Joshi et al. (2009)	Wong et al. (2015)		
WASP-151b	$2457741.00889^{+0.0002}_{-0.0002}$	$5871.0^{+57.0}_{-57.0}$	$0.1011^{+0.0005}_{-0.0005}$	$10.34^{+0.11}_{-0.19}$	$89.2^{+0.6}_{-0.6}$
	$4.533471^{+4e-06}_{-4e-06}$	$4.35^{+0.02}_{-0.03}$	–	–	
	Demangeon et al. (2018)	Demangeon et al. (2018)	Demangeon et al. (2018)		
WASP-153b	$2458018.151^{+0.0007}_{-0.0007}$	$5914.0^{+64.0}_{-64.0}$	$0.092^{+0.001}_{-0.001}$	$6.0^{+0.3}_{-0.2}$	$84.1^{+0.7}_{-0.7}$
	$3.3326099^{+2e-06}_{-2e-06}$	$4.1^{+0.06}_{-0.06}$	–	–	
	Kokori et al. (2022)	Demangeon et al. (2018)	Demangeon et al. (2018)		
WASP-156b	$2454677.7078^{+0.002}_{-0.002}$	$4910.0^{+61.0}_{-61.0}$	$0.0685^{+0.0012}_{-0.0012}$	$12.8^{+0.3}_{-0.7}$	$89.1^{+0.6}_{-0.9}$
	$3.836169^{+3e-06}_{-3e-06}$	$4.6^{+0.04}_{-0.07}$	–	–	
	Demangeon et al. (2018)	Demangeon et al. (2018)	Demangeon et al. (2018)		
WASP-157b	$2457265.70719^{+9e-05}_{-9e-05}$	$5838.0^{+140.0}_{-140.0}$	$0.0944^{+0.0019}_{-0.0019}$	$10.04^{+0.04}_{-0.04}$	$84.93^{+0.45}_{-0.21}$
	$3.951605^{+3e-06}_{-3e-06}$	$4.5^{+0.2}_{-0.2}$	–	–	
	Kokori et al. (2022)	Močnik et al. (2016)	Močnik et al. (2016)		
WASP-158b	$2457619.9203^{+0.001}_{-0.001}$	$6350.0^{+150.0}_{-150.0}$	$0.079^{+0.003}_{-0.003}$	$8.0^{+0.4}_{-1.0}$	$87.7^{+1.5}_{-1.5}$
	$3.656333^{+4e-06}_{-4e-06}$	$4.3^{+0.05}_{-0.11}$	–	–	
	Hellier et al. (2019a)	Hellier et al. (2019a)	Hellier et al. (2019a)		
WASP-159b	$2457668.0857^{+0.0009}_{-0.0009}$	$6120.0^{+140.0}_{-140.0}$	$0.0673^{+0.0013}_{-0.0013}$	$5.44^{+0.15}_{-0.29}$	$88.1^{+1.4}_{-1.4}$
	$3.840401^{+7e-06}_{-7e-06}$	$3.94^{+0.04}_{-0.04}$	–	–	
	Hellier et al. (2019a)	Hellier et al. (2019a)	Hellier et al. (2019a)		
WASP-15b	$2455890.4286^{+0.0003}_{-0.0003}$	$6300.0^{+100.0}_{-100.0}$	$0.0951^{+0.0008}_{-0.0008}$	$7.3^{+0.18}_{-0.17}$	$85.7^{+0.4}_{-0.4}$
	$3.7520987^{+1.6e-06}_{-1.6e-06}$	$4.17^{+0.06}_{-0.06}$	–	–	
	Kokori et al. (2022)	West et al. (2009b)	Southworth et al. (2013)		
WASP-160Bb	$2457383.65573^{+0.00021}_{-0.00021}$	$5298.0^{+99.0}_{-99.0}$	$0.129^{+0.0017}_{-0.0017}$	$11.25^{+0.19}_{-0.31}$	$89.0^{+0.6}_{-0.6}$
	$3.768495^{+3e-06}_{-3e-06}$	$4.5^{+0.05}_{-0.05}$	–	–	
	Lendl et al. (2019)	Lendl et al. (2019)	Lendl et al. (2019)		

WASP-161b	$2457416.5297^{+0.0011}_{-0.0011}$	$6400.0^{+100.0}_{-100.0}$	$0.0671^{+0.0017}_{-0.0017}$	$8.49^{+0.13}_{-0.28}$	$89.01^{+0.69}_{-1.0}$
	$5.4060425^{+4.8e-06}_{-4.8e-06}$	$4.11^{+0.02}_{-0.03}$	–	–	
	Barkaoui et al. (2019)	Barkaoui et al. (2019)	Barkaoui et al. (2019)		
WASP-162b	$2457701.3824^{+0.0006}_{-0.0006}$	$5300.0^{+100.0}_{-100.0}$	$0.0933^{+0.0016}_{-0.0016}$	$17.0^{+0.4}_{-0.6}$	$89.3^{+0.5}_{-0.5}$
	$9.62468^{+1e-05}_{-1e-05}$	$4.33^{+0.03}_{-0.03}$	$0.434^{+0.005}_{-0.005}$	$358.1^{+2.2}_{-2.2}$	
	Hellier et al. (2019a)	Hellier et al. (2019a)	Hellier et al. (2019a)		
WASP-164b	$2457747.6583^{+0.0003}_{-0.0003}$	$5806.0^{+190.0}_{-200.0}$	$0.1242^{+0.0013}_{-0.0013}$	$6.5^{+0.13}_{-0.13}$	$82.73^{+0.22}_{-0.21}$
	$1.7771363^{+6e-07}_{-6e-07}$	$4.48^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Lendl et al. (2019)	Lendl et al. (2019)		
WASP-165b	$2457649.7122^{+0.0009}_{-0.0009}$	$5599.0^{+150.0}_{-150.0}$	$0.074^{+0.004}_{-0.004}$	$5.9^{+0.7}_{-0.6}$	$84.9^{+2.5}_{-1.7}$
	$3.465509^{+2.3e-05}_{-2.3e-05}$	$4.05^{+0.09}_{-0.09}$	–	–	
	Lendl et al. (2019)	Lendl et al. (2019)	Lendl et al. (2019)		
WASP-166b	$2457664.3289^{+0.0006}_{-0.0006}$	$6050.0^{+50.0}_{-50.0}$	$0.05301^{+0.00066}_{-0.00066}$	$11.3^{+0.6}_{-0.6}$	$88.0^{+0.7}_{-0.7}$
	$5.44354^{+4e-06}_{-4e-06}$	$4.34^{+0.05}_{-0.05}$	–	–	
	Hellier et al. (2019b)	Hellier et al. (2019b)	Hellier et al. (2019b)		
WASP-167b	$2456717.82564^{+0.00019}_{-0.00019}$	$7000.0^{+250.0}_{-250.0}$	$0.0906^{+0.0006}_{-0.0006}$	$4.23^{+0.08*}_{-0.07}$	$79.9^{+0.3}_{-0.3}$
	$2.021957^{+7e-07}_{-7e-07}$	$4.13^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Temple et al. (2017)	Temple et al. (2017)		
WASP-168b	$2457424.5286^{+0.0004}_{-0.0004}$	$6000.0^{+100.0}_{-100.0}$	$0.109^{+0.007}_{-0.007}$	$9.6^{+0.7}_{-0.4}$	$84.4^{+0.6}_{-0.6}$
	$4.153658^{+3e-06}_{-3e-06}$	$4.37^{+0.05}_{-0.05}$	–	–	
	Hellier et al. (2019a)	Hellier et al. (2019a)	Hellier et al. (2019a)		
WASP-169b	$2457697.0184^{+0.0014}_{-0.0014}$	$6110.0^{+101.0}_{-101.0}$	$0.0668^{+0.0021}_{-0.0021}$	$7.3^{+0.68}_{-0.26}$	$87.9^{+1.4}_{-2.0}$
	$5.6114118^{+9.2e-06}_{-9.2e-06}$	$3.96^{+0.03}_{-0.08}$	–	–	
	Nielsen et al. (2019)	Nielsen et al. (2019)	Nielsen et al. (2019)		
WASP-16b	$2455732.07584^{+0.00022}_{-0.00022}$	$5700.0^{+150.0}_{-150.0}$	$0.119^{+0.0022}_{-0.0022}$	$8.21^{+0.21}_{-0.2}$	$84.0^{+0.3}_{-0.3}$
	$3.1186037^{+7e-07}_{-7e-07}$	$4.49^{+0.08}_{-0.08}$	–	–	
	Kokori et al. (2022)	Lister et al. (2009)	Southworth et al. (2013)		
WASP-170b	$2457802.3923^{+0.0002}_{-0.0002}$	$5600.0^{+150.0}_{-150.0}$	$0.1175^{+0.0041}_{-0.0041}$	$7.71^{+0.21}_{-0.18}$	$84.87^{+0.28}_{-0.28}$
	$2.3447802^{+3.6e-06}_{-3.6e-06}$	$4.47^{+0.03}_{-0.03}$	–	–	
	Barkaoui et al. (2019)	Barkaoui et al. (2019)	Barkaoui et al. (2019)		
WASP-172b	$2457032.2625^{+0.0005}_{-0.0005}$	$6900.0^{+140.0}_{-140.0}$	$0.0849^{+0.0012}_{-0.0012}$	$7.69^{+0.12*}_{-0.12}$	$86.7^{+1.1}_{-1.1}$
	$5.477433^{+7e-06}_{-7e-06}$	$4.05^{+0.05}_{-0.05}$	–	–	
	Hellier et al. (2019a)	Hellier et al. (2019a)	Hellier et al. (2019a)		
WASP-173Ab	$2457288.85931^{+0.0002}_{-0.0002}$	$5800.0^{+140.0}_{-140.0}$	$0.1109^{+0.0009}_{-0.0009}$	$4.78^{+0.17*}_{-0.17}$	$85.2^{+1.1}_{-1.1}$
	$1.3866532^{+3e-07}_{-3e-07}$	$4.37^{+0.03}_{-0.03}$	–	–	
	Hellier et al. (2019a)	Hellier et al. (2019a)	Hellier et al. (2019a)		
WASP-174b	$2457465.9336^{+0.0004}_{-0.0004}$	$6400.0^{+100.0}_{-100.0}$	$0.0927^{+0.0016}_{-0.0016}$	$9.17^{+0.21*}_{-0.16}$	$84.2^{+0.5}_{-0.5}$
	4.2337^{+3e-06}_{-3e-06}	$4.32^{+0.04}_{-0.04}$	–	–	
	Temple et al. (2018)	Temple et al. (2018)	Temple et al. (2018)		
WASP-175b	$2457143.78964^{+0.00034}_{-0.00034}$	$6229.0^{+100.0}_{-100.0}$	$0.1032^{+0.0017}_{-0.0017}$	$7.86^{+0.41}_{-0.41}$	$85.33^{+0.62}_{-0.62}$
	$3.0652907^{+1.1e-06}_{-1.1e-06}$	$4.36^{+0.04}_{-0.04}$	–	–	
	Nielsen et al. (2019)	Nielsen et al. (2019)	Nielsen et al. (2019)		
WASP-177b	$2457994.3722^{+0.00028}_{-0.00028}$	$5017.0^{+70.0}_{-70.0}$	$0.136^{+0.0129}_{-0.0129}$	$9.25^{+0.06*}_{-0.06}$	$84.14^{+0.66}_{-0.83}$
	$3.071722^{+1e-06}_{-1e-06}$	$4.49^{+0.05}_{-0.04}$	–	–	
	Turner et al. (2019)	Turner et al. (2019)	Turner et al. (2019)		
WASP-17b	$2454592.8015^{+0.0005}_{-0.0005}$	$6550.0^{+100.0}_{-100.0}$	$0.1235^{+0.0011}_{-0.0011}$	$7.03^{+0.15}_{-0.15}$	$87.1^{+0.6}_{-0.6}$
	$3.7354845^{+1.9e-06}_{-1.9e-06}$	$4.24^{+0.13}_{-0.13}$	–	–	
	Southworth et al. (2012c)	Anderson et al. (2010)	Sedaghati et al. (2016)		
WASP-180Ab	$2457763.315^{+0.0001}_{-0.0001}$	$6600.0^{+200.0}_{-200.0}$	$0.11091^{+0.0009}_{-0.0009}$	$8.75^{+1.13}_{-1.01}$	$88.1^{+0.1}_{-0.1}$

	$3.409264^{+1e-06}_{-1e-06}$ Temple et al. (2019a)	$4.42^{+0.01}_{-0.01}$ Temple et al. (2019a)	– Temple et al. (2019a)	–	
WASP-181b	$2457747.66978^{+0.00035}_{-0.00035}$ $4.5195064^{+3.4e-06}_{-3.4e-06}$ Turner et al. (2019)	$5839.0^{+70.0}_{-70.0}$ $4.38^{+0.08}_{-0.08}$ Turner et al. (2019)	$0.1261^{+0.0015}_{-0.0015}$ – Turner et al. (2019)	$12.09^{+0.54}_{-0.54}$ –	$88.38^{+0.76}_{-0.59}$
WASP-183b	$2457796.1853^{+0.0024}_{-0.0024}$ $4.1117771^{+5.1e-06}_{-5.1e-06}$ Turner et al. (2019)	$5313.0^{+72.0}_{-72.0}$ $4.45^{+0.04}_{-0.04}$ Turner et al. (2019)	$0.195^{+0.003}_{-0.003}$ – Turner et al. (2019)	$11.44^{+0.54}_{-0.54}$ –	$85.37^{+0.61}_{-0.88}$
WASP-186b	$2456237.12028^{+0.0009}_{-0.0009}$ $5.026799^{+1.2e-05}_{-1.2e-05}$ Schanche et al. (2020)	$6361.0^{+105.0}_{-82.0}$ $4.19^{+0.03}_{-0.03}$ Schanche et al. (2020)	$0.0781^{+0.0019}_{-0.0019}$ $0.33^{+0.01}_{-0.01}$ Schanche et al. (2020)	$8.78^{+0.3}_{-0.31}$ $173.0^{+3.0}_{-3.0}$	$83.59^{+0.55}_{-0.49}$
WASP-18b	$2455562.11007^{+7e-05}_{-7e-05}$ $0.94145254^{+8e-08}_{-8e-08}$ Kokori et al. (2022)	$6400.0^{+100.0}_{-100.0}$ $4.4^{+0.15}_{-0.15}$ Hellier et al. (2009a)	$0.09716^{+0.00014}_{-0.00014}$ $0.0091^{+0.0012}_{-0.0012}$ Shporer et al. (2019)	$3.562^{+0.022}_{-0.023}$ $269.0^{+3.0}_{-3.0}$	$84.9^{+0.3}_{-0.3}$
WASP-190b	$2457799.1256^{+0.0007}_{-0.0007}$ $5.367753^{+4e-06}_{-4e-06}$ Temple et al. (2019b)	$6400.0^{+100.0}_{-100.0}$ $4.17^{+0.04}_{-0.04}$ Temple et al. (2019b)	$0.0787^{+0.0013}_{-0.0013}$ – Temple et al. (2019b)	$8.89^{+5.29}_{-3.11}$ –	$87.1^{+0.7}_{-0.7}$
WASP-192b	$2457271.3339^{+0.0017}_{-0.0017}$ $2.8786765^{+2.8e-06}_{-2.8e-06}$ Hellier et al. (2019c)	$5900.0^{+150.0}_{-150.0}$ $4.24^{+0.05}_{-0.05}$ Hellier et al. (2019c)	$0.0962^{+0.0032}_{-0.0032}$ – Hellier et al. (2019c)	$6.65^{+0.34}_{-0.34}$ –	$82.7^{+0.6}_{-0.6}$
WASP-19b	$2456688.273095^{+2.3e-05}_{-2.3e-05}$ $0.788839195^{+1.9e-08}_{-1.9e-08}$ Kokori et al. (2022)	$5500.0^{+100.0}_{-100.0}$ $4.5^{+0.2}_{-0.2}$ Hebb et al. (2010)	$0.1409^{+0.0013}_{-0.0013}$ $0.002^{+0.014}_{-0.002}$ Wong et al. (2016)	$3.46^{+0.08}_{-0.08}$ $259.0^{+13.0}_{-170.0}$	$78.8^{+0.6}_{-0.6}$
WASP-1b	$2455215.32701^{+0.00015}_{-0.00015}$ $2.5199471^{+3e-07}_{-3e-07}$ Kokori et al. (2022)	$6110.0^{+75.0}_{-75.0}$ $4.28^{+0.16}_{-0.16}$ Torres et al. (2008)	$0.1036^{+0.0008}_{-0.0008}$ – Maciejewski et al. (2014)	$5.69^{+0.03}_{-0.06}$ –	$90.0^{+1.3}_{-1.3}$
WASP-20b	$2456367.3093^{+0.0004}_{-0.0004}$ $4.8996461^{+1.6e-06}_{-1.6e-06}$ Kokori et al. (2022)	$5940.0^{+100.0}_{-100.0}$ $4.23^{+0.02}_{-0.02}$ Anderson et al. (2015a)	$0.101^{+0.005}_{-0.005}$ – Evans et al. (2016)	$10.6^{+0.08*}_{-0.08}$ –	$86.8^{+0.9}_{-0.9}$
WASP-21b	$2457660.73516^{+0.00016}_{-0.00016}$ $4.3225038^{+8e-07}_{-8e-07}$ Kokori et al. (2022)	$5800.0^{+100.0}_{-100.0}$ $4.2^{+0.1}_{-0.1}$ Bouchy et al. (2010)	$0.104^{+0.0018}_{-0.0018}$ – Bouchy et al. (2010)	$10.54^{+0.15}_{-0.15}$ –	$88.8^{+0.8}_{-0.7}$
WASP-22b	$2455532.72776^{+0.00022}_{-0.00022}$ $3.5327306^{+7e-07}_{-7e-07}$ Southworth et al. (2016)	$6000.0^{+100.0}_{-100.0}$ $4.37^{+0.02}_{-0.02}$ Maxted et al. (2010a)	$0.0978^{+0.0012}_{-0.0012}$ – Southworth et al. (2016)	$8.38^{+0.19}_{-0.19}$ –	$88.6^{+1.0}_{-1.0}$
WASP-23b	$2456333.00703^{+8e-05}_{-8e-05}$ $2.94442732^{+2.2e-07}_{-2.2e-07}$ Kokori et al. (2022)	$5150.0^{+100.0}_{-100.0}$ $4.56^{+0.09}_{-0.09}$ Triaud et al. (2011)	$0.13^{+0.0004}_{-0.0004}$ – Triaud et al. (2011)	$10.21^{+0.19*}_{-0.19}$ –	$88.4^{+0.8}_{-0.5}$
WASP-24b	$2455402.12744^{+0.00015}_{-0.00015}$ $2.3412202^{+3e-07}_{-3e-07}$ Kokori et al. (2022)	$6075.0^{+100.0}_{-100.0}$ $4.263^{+0.022}_{-0.022}$ Street et al. (2010)	$0.1018^{+0.0007}_{-0.0007}$ – Southworth et al. (2014)	$5.94^{+0.13}_{-0.13}$ –	$83.9^{+0.4}_{-0.4}$
WASP-25b	$2456396.9176^{+0.0004}_{-0.0004}$ $3.7648334^{+9e-07}_{-9e-07}$ Kokori et al. (2022)	$5703.0^{+100.0}_{-100.0}$ $4.51^{+0.04}_{-0.04}$ Enoch et al. (2011a)	$0.1387^{+0.001}_{-0.001}$ – Southworth et al. (2014)	$11.22^{+0.18}_{-0.17}$ –	$88.1^{+0.3}_{-0.3}$
WASP-26b	$2456631.49797^{+0.00023}_{-0.00023}$ $2.7565963^{+6e-07}_{-6e-07}$ Kokori et al. (2022)	$5950.0^{+100.0}_{-100.0}$ $4.3^{+0.2}_{-0.2}$ Smalley et al. (2010)	$0.0991^{+0.0018}_{-0.0018}$ – Southworth et al. (2014)	$6.64^{+0.16}_{-0.16}$ –	$82.8^{+0.3}_{-0.3}$
WASP-28b	$2457683.40894^{+3e-05}_{-3e-05}$ $3.4088353^{+3e-07}_{-3e-07}$ Kokori et al. (2022)	$6150.0^{+140.0}_{-140.0}$ $4.37^{+0.02}_{-0.02}$ Anderson et al. (2015a)	$0.116^{+0.0017}_{-0.0017}$ – Maciejewski et al. (2016b)	$8.62^{+0.1*}_{-0.1}$ –	$88.3^{+1.6}_{-0.9}$

WASP-29b	$2456347.98683^{+0.00014}_{-0.00014}$	$4800.0^{+150.0}_{-150.0}$	$0.0982^{+0.0015}_{-0.0015}$	$12.36^{+0.13}_{-0.22}$	$89.2^{+0.5}_{-0.6}$
	$3.9227124^{+4e-07}_{-4e-07}$	$4.54^{+0.05}_{-0.05}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2010)	Gibson et al. (2013a)		
WASP-2b	$2455097.75755^{+7e-05}_{-7e-05}$	$5200.0^{+200.0}_{-200.0}$	$0.1326^{+0.0007}_{-0.0007}$	$8.08^{+0.12}_{-0.12}$	$84.81^{+0.17}_{-0.17}$
	$2.15222231^{+1.5e-07}_{-1.5e-07}$	$4.54^{+0.04}_{-0.05}$	–	–	
	Kokori et al. (2022)	Torres et al. (2008)	Southworth et al. (2010)		
WASP-31b	$2456183.80208^{+0.0002}_{-0.0002}$	$6302.0^{+102.0}_{-102.0}$	$0.1271^{+0.0011}_{-0.0011}$	$8.0^{+0.19}_{-0.19}$	$84.41^{+0.22}_{-0.22}$
	$3.4058841^{+8e-07}_{-8e-07}$	$4.31^{+0.023}_{-0.023}$	–	–	
	Kokori et al. (2022)	Anderson et al. (2011a)	Anderson et al. (2011a)		
WASP-32b	$2456893.71806^{+0.00017}_{-0.00017}$	$6100.0^{+100.0}_{-100.0}$	$0.1114^{+0.0018}_{-0.0018}$	$7.8^{+0.3}_{-0.3}$*	$85.3^{+0.5}_{-0.5}$
	$2.7186631^{+4e-07}_{-4e-07}$	$4.39^{+0.04}_{-0.04}$	$0.018^{+0.006}_{-0.006}$	$130.0^{+30.0}_{-30.0}$	
	Kokori et al. (2022)	Maxted et al. (2010b)	Maxted et al. (2010b)		
WASP-34b	$2454647.5543^{+0.0006}_{-0.0006}$	$5700.0^{+100.0}_{-100.0}$	$0.1123^{+0.0012}_{-0.0012}$	$10.5^{+0.3}_{-0.3}$	$85.2^{+0.2}_{-0.2}$
	$4.317678^{+5e-06}_{-5e-06}$	$4.51^{+0.12}_{-0.12}$	$0.038^{+0.012}_{-0.012}$	$319.8^{+23.2}_{-18.6}$	
	Smalley et al. (2011)	Smalley et al. (2011)	Smalley et al. (2011)		
WASP-35b	$2455932.9992^{+0.00015}_{-0.00015}$	$5990.0^{+90.0}_{-90.0}$	$0.1241^{+0.0008}_{-0.0008}$	$8.34^{+0.07}_{-0.07}$*	$88.0^{+0.6}_{-0.5}$
	$3.1615699^{+4e-07}_{-4e-07}$	$4.39^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Enoch et al. (2011b)	Enoch et al. (2011b)		
WASP-36b	$2456526.07935^{+6e-05}_{-6e-05}$	$5959.0^{+134.0}_{-134.0}$	$0.1368^{+0.0006}_{-0.0006}$	$5.85^{+0.06}_{-0.05}$	$83.15^{+0.13}_{-0.13}$
	$1.53736541^{+1.1e-07}_{-1.1e-07}$	$4.499^{+0.022}_{-0.022}$	–	–	
	Kokori et al. (2022)	Smith et al. (2012)	Mancini et al. (2016b)		
WASP-37b	$2457524.4596^{+0.0003}_{-0.0003}$	$5800.0^{+150.0}_{-150.0}$	$0.1195^{+0.0013}_{-0.0013}$	$9.6^{+0.6}_{-0.6}$	$88.8^{+0.8}_{-0.9}$
	$3.5774793^{+8e-07}_{-8e-07}$	$4.4^{+0.07}_{-0.07}$	–	–	
	Kokori et al. (2022)	Simpson et al. (2011)	Simpson et al. (2011)		
WASP-38b	$2455335.9213^{+0.0007}_{-0.0007}$	$6150.0^{+80.0}_{-80.0}$	$0.0844^{+0.0011}_{-0.0011}$	$12.31^{+0.13}_{-0.13}$*	$89.7^{+0.3}_{-0.3}$
	$6.87181^{+5e-05}_{-5e-05}$	$4.27^{+0.024}_{-0.024}$	$0.031^{+0.005}_{-0.004}$	$344.0^{+18.0}_{-17.0}$	
	Barros et al. (2011)	Barros et al. (2011)	Barros et al. (2011)		
WASP-39b	$2455342.9696^{+0.00014}_{-0.00014}$	$5400.0^{+150.0}_{-150.0}$	$0.1457^{+0.0016}_{-0.0016}$	$11.37^{+0.24}_{-0.2}$	$87.75^{+0.27}_{-0.2}$
	$4.05528^{+7e-07}_{-7e-07}$	$4.498^{+0.024}_{-0.024}$	–	–	
	Fischer et al. (2016)	Faedi et al. (2011)	Maciejewski et al. (2016b)		
WASP-3b	$2455554.83317^{+7e-05}_{-7e-05}$	$6400.0^{+100.0}_{-100.0}$	$0.105^{+0.012}_{-0.012}$	$5.0^{+0.8}_{-0.6}$	$84.15^{+0.16}_{-0.16}$
	$1.84683511^{+1.3e-07}_{-1.3e-07}$	$4.25^{+0.05}_{-0.05}$	–	–	
	Kokori et al. (2022)	Pollacco et al. (2008)	Christiansen et al. (2011)		
WASP-41b	$2455996.67927^{+0.0001}_{-0.0001}$	$5450.0^{+150.0}_{-150.0}$	$0.1365^{+0.0006}_{-0.0006}$	$9.96^{+0.08}_{-0.08}$	$88.7^{+0.4}_{-0.4}$
	$3.0524015^{+4e-07}_{-4e-07}$	$4.5^{+0.05}_{-0.05}$	–	–	
	Southworth et al. (2016)	Maxted et al. (2011)	Southworth et al. (2016)		
WASP-42b	$2455650.56728^{+0.00015}_{-0.00015}$	$5200.0^{+150.0}_{-150.0}$	$0.1293^{+0.0008}_{-0.0008}$	$13.5^{+0.3}_{-0.3}$	$88.0^{+0.17}_{-0.17}$
	$4.9816819^{+1.1e-06}_{-1.1e-06}$	$4.52^{+0.06}_{-0.06}$	–	–	
	Southworth et al. (2016)	Lendl et al. (2012)	Southworth et al. (2016)		
WASP-43b	$2456047.051715^{+2.2e-05}_{-2.2e-05}$	$4400.0^{+200.0}_{-200.0}$	$0.1594^{+0.0004}_{-0.0004}$	$4.867^{+0.023}_{-0.023}$	$82.11^{+0.1}_{-0.1}$
	$0.81347414^{+3e-08}_{-3e-08}$	$4.64^{+0.07}_{-0.07}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2011)	Hoyer et al. (2016)		
WASP-44b	$2456006.39613^{+9e-05}_{-9e-05}$	$5410.0^{+150.0}_{-150.0}$	$0.126^{+0.003}_{-0.003}$	$8.1^{+0.7}_{-0.5}$	$86.0^{+1.1}_{-0.9}$
	$2.4238107^{+3e-07}_{-3e-07}$	$4.48^{+0.07}_{-0.07}$	–	–	
	Kokori et al. (2022)	Anderson et al. (2012)	Anderson et al. (2012)		
WASP-45b	$2458254.7392^{+0.0003}_{-0.0003}$	$5140.0^{+200.0}_{-200.0}$	$0.1095^{+0.0024}_{-0.0024}$	$9.5^{+0.13}_{-0.12}$	$84.69^{+0.1}_{-0.1}$
	$3.1260777^{+8e-07}_{-8e-07}$	$4.45^{+0.09}_{-0.09}$	–	–	
	Kokori et al. (2022)	Anderson et al. (2012)	Ciceri et al. (2016)		
WASP-46b	$2456842.7141^{+0.00017}_{-0.00017}$	$5620.0^{+160.0}_{-160.0}$	$0.1407^{+0.0003}_{-0.0003}$	$5.85^{+0.04}_{-0.04}$	$82.8^{+0.17}_{-0.17}$

	$1.43037222^{+2.3e-07}_{-2.3e-07}$	$4.49^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Anderson et al. (2012)	Ciceri et al. (2016)		
WASP-47b	$2456354.946^{+0.0003}_{-0.0003}$	$5350.0^{+90.0}_{-90.0}$	$0.10193^{+0.00021}_{-0.00021}$	$9.7^{+0.04}_{-0.04}$	$88.98^{+0.2}_{-0.2}$
	$4.1591496^{+1e-06}_{-1e-06}$	$4.35^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2012)	Vanderburg et al. (2017)		
WASP-48b	$2456176.98991^{+0.00012}_{-0.00012}$	$5920.0^{+150.0}_{-150.0}$	$0.0958^{+0.0008}_{-0.0008}$	$4.7^{+0.12}_{-0.11}$	$82.0^{+0.5}_{-0.5}$
	$2.1436364^{+3e-07}_{-3e-07}$	$4.03^{+0.05}_{-0.05}$	–	–	
	Kokori et al. (2022)	Enoch et al. (2011b)	Ciceri et al. (2015)		
WASP-49b	$2456198.14045^{+0.00014}_{-0.00014}$	$5600.0^{+150.0}_{-150.0}$	$0.116^{+0.0007}_{-0.0007}$	$8.009^{+0.008}_{-0.008}$	$84.48^{+0.13}_{-0.13}$
	$2.7817366^{+5e-07}_{-5e-07}$	$4.43^{+0.05}_{-0.05}$	–	–	
	Kokori et al. (2022)	Lendl et al. (2012)	Wyttenbach et al. (2017)		
WASP-4b	$2455880.79492^{+3e-05}_{-3e-05}$	$5500.0^{+150.0}_{-150.0}$	$0.152^{+0.0004}_{-0.0004}$	$5.451^{+0.023}_{-0.052}$	$89.1^{+0.7}_{-0.8}$
	$1.33823144^{+3e-08}_{-3e-08}$	$4.3^{+0.2}_{-0.2}$	–	–	
	Kokori et al. (2022)	Wilson et al. (2008)	Bouma et al. (2019)		
WASP-50b	$2457701.39451^{+0.00023}_{-0.00023}$	$5400.0^{+100.0}_{-100.0}$	$0.1404^{+0.0012}_{-0.0012}$	$7.53^{+0.13}_{-0.13}$	$84.74^{+0.24}_{-0.24}$
	$1.9550928^{+3e-07}_{-3e-07}$	$4.54^{+0.05}_{-0.05}$	$0.009^{+0.011}_{-0.006}$	$44.0^{+62.0}_{-80.0}$	
	Kokori et al. (2022)	Gillon et al. (2011)	Gillon et al. (2011)		
WASP-52b	$2456770.05972^{+4e-05}_{-4e-05}$	$5000.0^{+100.0}_{-100.0}$	$0.1646^{+0.0012}_{-0.0012}$	$7.38^{+0.11}_{-0.11}$	$85.35^{+0.2}_{-0.2}$
	$1.74978119^{+1e-07}_{-1e-07}$	$4.58^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	Hébrard et al. (2013)	Hébrard et al. (2013)		
WASP-53b	$2456284.48161^{+0.00015}_{-0.00015}$	$4953.0^{+60.0}_{-60.0}$	$0.1353^{+0.0013}_{-0.0013}$	$11.05^{+0.2}_{-0.19}$	$87.08^{+0.16}_{-0.15}$
	$3.3098436^{+5e-07}_{-5e-07}$	$4.55^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Triaud et al. (2017)	Triaud et al. (2017)		
WASP-54b	$2455522.0445^{+0.0008}_{-0.0008}$	$6100.0^{+100.0}_{-100.0}$	$0.0927^{+0.0011}_{-0.0011}$	$5.87^{+0.14*}_{-0.14}$	$85.0^{+0.6}_{-0.6}$
	$3.693649^{+1.3e-05}_{-1.3e-05}$	$4.0^{+0.03}_{-0.04}$	$0.07^{+0.03}_{-0.03}$	$62.0^{+21.0}_{-33.0}$	
	Faedi et al. (2013)	Faedi et al. (2013)	Faedi et al. (2013)		
WASP-55b	$2456720.37845^{+0.0001}_{-0.0001}$	$5960.0^{+100.0}_{-100.0}$	$0.1246^{+0.0007}_{-0.0007}$	$10.66^{+0.07*}_{-0.09}$	$89.0^{+0.6}_{-0.6}$
	$4.4656299^{+8e-07}_{-8e-07}$	$4.39^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2012)	Southworth et al. (2016)		
WASP-56b	$2455841.60939^{+0.00023}_{-0.00023}$	$5600.0^{+100.0}_{-100.0}$	$0.1009^{+0.0021}_{-0.0021}$	$10.39^{+0.03}_{-0.03}$	$88.5^{+0.1}_{-0.2}$
	$4.6170654^{+2.1e-06}_{-2.1e-06}$	$4.35^{+0.02}_{-0.02}$	–	–	
	Kokori et al. (2022)	Faedi et al. (2013)	Faedi et al. (2013)		
WASP-57b	$2456433.2863^{+0.0001}_{-0.0001}$	$5600.0^{+100.0}_{-100.0}$	$0.1182^{+0.0013}_{-0.0013}$	$8.75^{+0.23}_{-0.22}$	$86.0^{+0.3}_{-0.3}$
	$2.838918^{+6e-07}_{-6e-07}$	$4.57^{+0.01}_{-0.01}$	–	–	
	Kokori et al. (2022)	Faedi et al. (2013)	Southworth et al. (2015a)		
WASP-58b	$2457692.5406^{+0.0004}_{-0.0004}$	$5800.0^{+150.0}_{-150.0}$	$0.12^{+0.004}_{-0.004}$	$10.3^{+1.3}_{-1.1}$	$87.4^{+1.5}_{-1.5}$
	$5.0172137^{+1.6e-06}_{-1.6e-06}$	$4.27^{+0.09}_{-0.09}$	–	–	
	Kokori et al. (2022)	Hébrard et al. (2013)	Hébrard et al. (2013)		
WASP-5b	$2455017.22682^{+7e-05}_{-7e-05}$	$5880.0^{+150.0}_{-150.0}$	$0.1108^{+0.0011}_{-0.0011}$	$5.37^{+0.15}_{-0.15}$	$85.6^{+0.8}_{-0.8}$
	$1.62843033^{+1.1e-07}_{-1.1e-07}$	$4.4^{+0.04}_{-0.05}$	–	–	
	Kokori et al. (2022)	Anderson et al. (2008)	Fukui et al. (2011)		
WASP-60b	$2458902.6003^{+0.0006}_{-0.0006}$	$5900.0^{+100.0}_{-100.0}$	$0.077^{+0.004}_{-0.004}$	$10.0^{+1.2}_{-1.0}$	$87.9^{+1.6}_{-1.6}$
	$4.305007^{+3e-06}_{-3e-06}$	$4.35^{+0.09}_{-0.09}$	–	–	
	Kokori et al. (2022)	Hébrard et al. (2013)	Hébrard et al. (2013)		
WASP-61b	$2456152.57714^{+0.00023}_{-0.00023}$	$6320.0^{+140.0}_{-140.0}$	$0.0938^{+0.0005}_{-0.0005}$	$7.93^{+0.09}_{-0.09}$	$89.3^{+0.5}_{-0.7}$
	$3.855898^{+1e-06}_{-1e-06}$	$4.26^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2012)	Hellier et al. (2012)		
WASP-62b	$2458427.55327^{+4e-05}_{-4e-05}$	$6280.0^{+80.0}_{-80.0}$	$0.1109^{+0.0009}_{-0.0009}$	$9.52^{+0.06*}_{-0.06}$	$88.3^{+0.9}_{-0.6}$
	$4.4119395^{+4e-07}_{-4e-07}$	$4.32^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2012)	Hellier et al. (2012)		

WASP-63b	$2455921.6535^{+0.0005}_{-0.0005}$ $4.37809^{+6e-06}_{-6e-06}$ Hellier et al. (2012)	$5570.0^{+90.0}_{-90.0}$ $4.01^{+0.05}_{-0.05}$ Hellier et al. (2012)	$0.078^{+0.0011}_{-0.0011}$ – Hellier et al. (2012)	$6.49^{+0.11}_{-0.11}*$ –	$87.8^{+1.3}_{-1.3}$
WASP-64b	$2456444.76501^{+0.00012}_{-0.00012}$ $1.57329025^{+1.5e-07}_{-1.5e-07}$ Kokori et al. (2022)	$5400.0^{+100.0}_{-100.0}$ $4.39^{+0.02}_{-0.02}$ Gillon et al. (2013)	$0.1234^{+0.0011}_{-0.0011}$ – Gillon et al. (2013)	$5.39^{+0.11}_{-0.09}$ –	$86.6^{+0.8}_{-0.6}$
WASP-65b	$2456912.75129^{+0.00019}_{-0.00019}$ $2.3114217^{+4e-07}_{-4e-07}$ Kokori et al. (2022)	$5600.0^{+100.0}_{-100.0}$ $4.4^{+0.02}_{-0.02}$ Gómez Maqueo Chew et al. (2013)	$0.1131^{+0.0007}_{-0.0007}$ – Gómez Maqueo Chew et al. (2013)	$7.11^{+0.1}_{-0.1}$ –	$88.8^{+0.8}_{-0.7}$
WASP-66b	$2455929.0969^{+0.0003}_{-0.0003}$ $4.086052^{+7e-06}_{-7e-06}$ Hellier et al. (2012)	$6580.0^{+170.0}_{-170.0}$ $4.07^{+0.05}_{-0.05}$ Hellier et al. (2012)	$0.0817^{+0.001}_{-0.001}$ – Hellier et al. (2012)	$6.71^{+0.08}_{-0.08}$ –	$85.9^{+0.9}_{-0.9}$
WASP-67b	$2456618.0537^{+8e-05}_{-8e-05}$ $4.6144166^{+4e-07}_{-4e-07}$ Kokori et al. (2022)	$5240.0^{+10.0}_{-10.0}$ $4.5^{+0.04}_{-0.04}$ Hellier et al. (2012)	$0.1345^{+0.0048}_{-0.0048}$ – Hellier et al. (2012)	$12.83^{+0.05}_{-0.05}$ –	$85.8^{+0.3}_{-0.4}$
WASP-68b	$2456064.8636^{+0.0006}_{-0.0006}$ $5.084298^{+1.5e-05}_{-1.5e-05}$ Delrez et al. (2014)	$5911.0^{+59.0}_{-60.0}$ $4.09^{+0.13}_{-0.08}$ Delrez et al. (2014)	$0.075^{+0.002}_{-0.002}$ – Delrez et al. (2014)	$7.9^{+0.25}_{-0.46}$ –	$88.1^{+1.3}_{-1.3}$
WASP-69b	$2457176.17789^{+0.00017}_{-0.00017}$ $3.868139^{+6e-07}_{-6e-07}$ Kokori et al. (2022)	$4715.0^{+50.0}_{-50.0}$ $4.54^{+0.02}_{-0.02}$ Anderson et al. (2014a)	$0.1336^{+0.0016}_{-0.0016}$ – Anderson et al. (2014a)	$11.953^{+0.023}_{-0.023}$ –	$86.71^{+0.2}_{-0.2}$
WASP-6b	$2455591.28967^{+7e-05}_{-7e-05}$ $3.36100207^{+2.1e-07}_{-2.1e-07}$ Kokori et al. (2022)	$5450.0^{+100.0}_{-100.0}$ $4.5^{+0.06}_{-0.06}$ Gillon et al. (2009a)	$0.1446^{+0.0009}_{-0.0009}$ $0.054^{+0.018}_{-0.015}$ Gillon et al. (2009a)	$10.9^{+0.3}_{-0.3}*$ $1.7^{+0.12}_{-0.23}$	$88.5^{+0.7}_{-0.5}$
WASP-70Ab	$2456319.4479^{+0.0004}_{-0.0004}$ $3.7130169^{+1.2e-06}_{-1.2e-06}$ Kokori et al. (2022)	$5763.0^{+79.0}_{-79.0}$ $4.31^{+0.05}_{-0.04}$ Anderson et al. (2014a)	$0.0985^{+0.0013}_{-0.0013}$ – Anderson et al. (2014a)	$8.58^{+0.17}_{-0.17}$ –	$87.1^{+1.2}_{-0.7}$
WASP-71b	$2455738.8505^{+0.0007}_{-0.0007}$ $2.903675^{+7e-06}_{-7e-06}$ Smith et al. (2013)	$6059.0^{+98.0}_{-98.0}$ $3.92^{+0.05}_{-0.05}$ Smith et al. (2013)	$0.0666^{+0.0011}_{-0.0011}$ – Smith et al. (2013)	$4.4^{+0.3}_{-0.3}$ –	$84.9^{+2.2}_{-2.2}$
WASP-72b	$2455583.6529^{+0.0021}_{-0.0021}$ $2.216742^{+8e-06}_{-8e-06}$ Gillon et al. (2013)	$6250.0^{+100.0}_{-100.0}$ $3.99^{+0.1}_{-0.11}$ Gillon et al. (2013)	$0.066^{+0.003}_{-0.003}$ – Gillon et al. (2013)	$4.0^{+0.5}_{-0.4}$ –	$81.6^{+3.2}_{-2.6}$
WASP-73b	$2456365.7688^{+0.0011}_{-0.0011}$ $4.087286^{+9e-06}_{-9e-06}$ Mallonn et al. (2019b)	$6036.0^{+120.0}_{-120.0}$ $3.93^{+0.04}_{-0.06}$ Delrez et al. (2014)	$0.057^{+0.003}_{-0.003}$ – Delrez et al. (2014)	$5.73^{+0.18}_{-0.45}$ –	$87.4^{+1.8}_{-2.4}$
WASP-74b	$2457205.93774^{+0.0001}_{-0.0001}$ $2.1377516^{+6e-07}_{-6e-07}$ Kokori et al. (2022)	$5970.0^{+110.0}_{-110.0}$ $4.18^{+0.02}_{-0.02}$ Hellier et al. (2015)	$0.098^{+0.0007}_{-0.0007}$ – Hellier et al. (2015)	$4.861^{+0.006}_{-0.006}$ –	$79.81^{+0.24}_{-0.24}$
WASP-75b	$2457340.345^{+0.0003}_{-0.0003}$ $2.4841987^{+6e-07}_{-6e-07}$ Kokori et al. (2022)	$6100.0^{+100.0}_{-100.0}$ $4.29^{+0.02}_{-0.02}$ Gómez Maqueo Chew et al. (2013)	$0.1034^{+0.0015}_{-0.0015}$ – Gómez Maqueo Chew et al. (2013)	$6.37^{+0.03}_{-0.03}*$ –	$82.0^{+0.3}_{-0.2}$
WASP-76b	$2457273.4191^{+0.0005}_{-0.0005}$ $1.8098806^{+7e-07}_{-7e-07}$ Kokori et al. (2022)	$6250.0^{+100.0}_{-100.0}$ $4.13^{+0.01}_{-0.01}$ West et al. (2016)	$0.109^{+0.0007}_{-0.0007}$ – West et al. (2016)	$4.07^{+0.03}_{-0.03}*$ –	$88.0^{+1.3}_{-1.6}$
WASP-77Ab	$2456663.34757^{+0.00012}_{-0.00012}$ $1.36002922^{+1.3e-07}_{-1.3e-07}$	$5500.0^{+80.0}_{-80.0}$ $4.33^{+0.08}_{-0.08}$	$0.1301^{+0.0007}_{-0.0007}$ –	$5.41^{+0.04}_{-0.04}*$ –	$89.4^{+0.4}_{-0.7}$

	Kokori et al. (2022)	Maxted et al. (2013a)	Maxted et al. (2013a)		
WASP-78b	$2456922.0975^{+0.0003}_{-0.0003}$	$6100.0^{+150.0}_{-150.0}$	$0.0794^{+0.0013}_{-0.0013}$	$3.52^{+0.13}_{-0.13}$	$83.2^{+2.3}_{-1.6}$
	$2.1751852^{+5e-07}_{-5e-07}$	$3.88^{+0.04}_{-0.04}$	–	–	
	Kokori et al. (2022)	Smalley et al. (2012)	Smalley et al. (2012)		
WASP-79b	$2458200.47327^{+0.00018}_{-0.00018}$	$6600.0^{+100.0}_{-100.0}$	$0.113^{+0.003}_{-0.003}$	$7.02^{+0.05}_{-0.05}$*	$85.4^{+0.6}_{-0.6}$
	$3.6623925^{+2.1e-06}_{-2.1e-06}$	$4.06^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Smalley et al. (2012)	Smalley et al. (2012)		
WASP-7b	$2455446.6349^{+0.0003}_{-0.0003}$	$6400.0^{+100.0}_{-100.0}$	$0.0956^{+0.0016}_{-0.0016}$	$9.52^{+0.2}_{-0.19}$*	$87.0^{+0.9}_{-0.9}$
	$4.954642^{+3e-06}_{-3e-06}$	$4.36^{+0.01}_{-0.05}$	–	–	
	Southworth et al. (2011)	Hellier et al. (2009b)	Southworth et al. (2011)		
WASP-80b	$2456671.49615^{+4e-05}_{-4e-05}$	$4145.0^{+100.0}_{-100.0}$	$0.1714^{+0.0004}_{-0.0004}$	$12.63^{+0.08}_{-0.13}$	$89.02^{+0.11}_{-0.1}$
	$3.06785271^{+1.9e-07}_{-1.9e-07}$	$4.69^{+0.01}_{-0.01}$	$0.002^{+0.01}_{-0.002}$	$94.0^{+120.0}_{-21.0}$	
	Kokori et al. (2022)	Triaud et al. (2013)	Triaud et al. (2015)		
WASP-81b	$2456969.77318^{+0.0002}_{-0.0002}$	$5870.0^{+120.0}_{-120.0}$	$0.112^{+0.0012}_{-0.0012}$	$6.56^{+0.13}_{-0.16}$	$88.7^{+0.9}_{-0.9}$
	$2.7164835^{+4e-07}_{-4e-07}$	$4.26^{+0.02}_{-0.03}$	–	–	
	Kokori et al. (2022)	Triaud et al. (2017)	Triaud et al. (2017)		
WASP-82b	$2456931.8452^{+0.0008}_{-0.0008}$	$6490.0^{+100.0}_{-100.0}$	$0.079^{+0.0008}_{-0.0008}$	$4.37^{+0.14}_{-0.14}$	$87.9^{+1.4}_{-1.9}$
	$2.705785^{+2e-06}_{-2e-06}$	$3.97^{+0.01}_{-0.02}$	–	–	
	Smith (2015)	West et al. (2016)	West et al. (2016)		
WASP-83b	$2457121.9961^{+0.0003}_{-0.0003}$	$5510.0^{+110.0}_{-110.0}$	$0.102^{+0.002}_{-0.002}$	$11.98^{+0.15}_{-0.15}$	$88.9^{+0.7}_{-0.7}$
	$4.9712917^{+1.2e-06}_{-1.2e-06}$	$4.44^{+0.02}_{-0.04}$	–	–	
	Kokori et al. (2022)	Hellier et al. (2015)	Hellier et al. (2015)		
WASP-84b	$2456422.48255^{+0.00014}_{-0.00014}$	$5314.0^{+88.0}_{-88.0}$	$0.1295^{+0.0006}_{-0.0006}$	$22.191^{+0.012}_{-0.012}$	$88.37^{+0.05}_{-0.05}$
	$8.523499^{+4e-06}_{-4e-06}$	$4.4^{+0.1}_{-0.1}$	–	–	
	Kokori et al. (2022)	Anderson et al. (2014a)	Anderson et al. (2014a)		
WASP-85Ab	$2456847.472867^{+1e-05}_{-1e-05}$	$5685.0^{+55.0}_{-55.0}$	$0.136814^{+3.7e-05}_{-3.7e-05}$	$8.74^{+0.12}_{-0.08}$*	$89.73^{+0.01}_{-0.01}$
	$2.6556765^{+4e-07}_{-4e-07}$	$4.48^{+0.11}_{-0.11}$	–	–	
	Kokori et al. (2022)	Brown et al. (2014)	Brown et al. (2014)		
WASP-87b	$2457082.07733^{+0.00021}_{-0.00021}$	$6450.0^{+120.0}_{-120.0}$	$0.08746^{+0.00074}_{-0.00074}$	$3.89^{+0.49}_{-0.42}$	$81.07^{+0.63}_{-0.63}$
	$1.682795^{+1.9e-06}_{-1.9e-06}$	$4.32^{+0.21}_{-0.21}$	–	–	
	Addison et al. (2016)	Anderson et al. (2014b)	Addison et al. (2016)		
WASP-88b	$2458005.5181^{+0.0006}_{-0.0006}$	$6431.0^{+130.0}_{-130.0}$	$0.084^{+0.002}_{-0.002}$	$6.64^{+0.17}_{-0.34}$	$88.0^{+1.4}_{-1.5}$
	$4.9540021^{+2.2e-06}_{-2.2e-06}$	$3.96^{+0.02}_{-0.05}$	–	–	
	Kokori et al. (2022)	Delrez et al. (2014)	Delrez et al. (2014)		
WASP-89b	$2456398.33771^{+0.00012}_{-0.00012}$	$5130.0^{+90.0}_{-90.0}$	$0.1221^{+0.0008}_{-0.0008}$	$10.51^{+0.08}_{-0.08}$*	$89.4^{+0.5}_{-0.5}$
	$3.3564182^{+5e-07}_{-5e-07}$	$4.51^{+0.02}_{-0.02}$	$0.193^{+0.009}_{-0.009}$	$28.0^{+4.0}_{-4.0}$	
	Kokori et al. (2022)	Hellier et al. (2015)	Hellier et al. (2015)		
WASP-8b	$2454679.3347^{+0.0005}_{-0.0005}$	$5600.0^{+80.0}_{-80.0}$	$0.113^{+0.0015}_{-0.0015}$	$18.2^{+0.8}_{-0.8}$	$88.55^{+0.15}_{-0.17}$
	$8.158715^{+1.6e-05}_{-1.6e-05}$	$4.5^{+0.05}_{-0.05}$	$0.31^{+0.0029}_{-0.0024}$	$274.27^{+0.17}_{-0.18}$	
	Queloz et al. (2010)	Queloz et al. (2010)	Queloz et al. (2010)		
WASP-90b	$2457003.152^{+0.0004}_{-0.0004}$	$6430.0^{+130.0}_{-130.0}$	$0.0843^{+0.0012}_{-0.0012}$	$6.119^{+0.013}_{-0.013}$	$82.1^{+0.4}_{-0.4}$
	$3.9162624^{+1.3e-06}_{-1.3e-06}$	$4.03^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	West et al. (2016)	West et al. (2016)		
WASP-91b	$2456297.71978^{+0.0002}_{-0.0002}$	$4920.0^{+80.0}_{-80.0}$	$0.1225^{+0.0012}_{-0.0012}$	$9.1^{+0.3}_{-0.3}$	$86.8^{+0.4}_{-0.4}$
	$2.798581^{+3e-06}_{-3e-06}$	$4.3^{+0.2}_{-0.2}$	–	–	
	Anderson et al. (2017)	Anderson et al. (2017)	Anderson et al. (2017)		
WASP-92b	$2457627.3719^{+0.0003}_{-0.0003}$	$6280.0^{+120.0}_{-120.0}$	$0.112^{+0.0013}_{-0.0013}$	$5.59^{+0.22}_{-0.2}$	$83.8^{+0.7}_{-0.7}$
	$2.1746733^{+6e-07}_{-6e-07}$	$4.26^{+0.03}_{-0.03}$	–	–	
	Kokori et al. (2022)	Hay et al. (2016)	Hay et al. (2016)		
WASP-93b	$2457492.286^{+0.0003}_{-0.0003}$	$6700.0^{+100.0}_{-100.0}$	$0.1047^{+0.0006}_{-0.0006}$	$5.94^{+0.13}_{-0.13}$	$81.2^{+0.3}_{-0.3}$

	$2.7325358^{+7e-07}_{-7e-07}$ Kokori et al. (2022)	$4.2^{+0.02}_{-0.02}$ Hay et al. (2016)	– 	– 		Hay et al. (2016)
WASP-94Ab	$2456416.4022^{+0.0003}_{-0.0003}$ $3.950191^{+4e-06}_{-4e-06}$ Neveu-VanMalle et al. (2014)	$6153.0^{+75.0}_{-76.0}$ $4.18^{+0.01}_{-0.02}$ Neveu-VanMalle et al. (2014)	$0.1094^{+0.0008}_{-0.0008}$ –	$7.27^{+0.06}_{-0.06}$* –	$88.7^{+0.7}_{-0.7}$	Neveu-VanMalle et al. (2014)
WASP-95b	$2456607.17355^{+0.00023}_{-0.00023}$ $2.1846688^{+6e-07}_{-6e-07}$ Kokori et al. (2022)	$5630.0^{+130.0}_{-130.0}$ $4.38^{+0.02}_{-0.04}$ Hellier et al. (2014)	$0.1025^{+0.0015}_{-0.0015}$ –	$6.4^{+0.22}_{-0.21}$* –	$88.4^{+1.2}_{-2.1}$	Hellier et al. (2014)
WASP-96b	$2457128.07797^{+0.00022}_{-0.00022}$ $3.4252565^{+8e-07}_{-8e-07}$ Kokori et al. (2022)	$5540.0^{+140.0}_{-140.0}$ $4.42^{+0.02}_{-0.02}$ Hellier et al. (2014)	$0.1175^{+0.0013}_{-0.0013}$ –	$9.255^{+0.019}_{-0.019}$ –	$85.6^{+0.2}_{-0.2}$	Hellier et al. (2014)
WASP-97b	$2457186.454^{+0.00015}_{-0.00015}$ $2.07276^{+3e-07}_{-3e-07}$ Kokori et al. (2022)	$5640.0^{+100.0}_{-100.0}$ $4.43^{+0.03}_{-0.03}$ Hellier et al. (2014)	$0.1091^{+0.0009}_{-0.0009}$ –	$6.59^{+0.15}_{-0.15}$ –	$88.0^{+1.3}_{-1.0}$	Hellier et al. (2014)
WASP-98b	$2456840.00365^{+8e-05}_{-8e-05}$ $2.9626415^{+4e-07}_{-4e-07}$ Kokori et al. (2022)	$5525.0^{+130.0}_{-130.0}$ $4.58^{+0.01}_{-0.01}$ Hellier et al. (2014)	$0.1582^{+0.0008}_{-0.0008}$ –	$10.92^{+0.08}_{-0.08}$ –	$86.38^{+0.07}_{-0.07}$	Mancini et al. (2016a)
WASP-99b	$2456224.9832^{+0.0014}_{-0.0014}$ $5.75251^{+4e-05}_{-4e-05}$ Hellier et al. (2014)	$6180.0^{+100.0}_{-100.0}$ $4.12^{+0.02}_{-0.04}$ Hellier et al. (2014)	$0.064^{+0.0016}_{-0.0016}$ –	$8.59^{+0.17}_{-0.17}$ –	$88.8^{+1.1}_{-1.1}$	Hellier et al. (2014)
XO-1b	$2455385.51978^{+5e-05}_{-5e-05}$ $3.941505^{+1.8e-07}_{-1.8e-07}$ Kokori et al. (2022)	$5750.0^{+75.0}_{-75.0}$ $4.53^{+0.06}_{-0.06}$ Torres et al. (2008)	$0.1326^{+0.0005}_{-0.0005}$ –	$11.24^{+0.09}_{-0.09}$* –	$88.8^{+0.7}_{-0.3}$	Torres et al. (2008)
XO-2Nb	$2456923.17711^{+0.00015}_{-0.00015}$ $2.61585978^{+1.9e-07}_{-1.9e-07}$ Kokori et al. (2022)	$5340.0^{+80.0}_{-80.0}$ $4.48^{+0.05}_{-0.05}$ Torres et al. (2008)	$0.1049^{+0.0006}_{-0.0006}$ –	$7.93^{+0.1}_{-0.09}$ –	$88.0^{+0.4}_{-0.3}$	Damasso et al. (2015b)
XO-3b	$2455024.34346^{+0.00013}_{-0.00013}$ $3.191525^{+3e-07}_{-3e-07}$ Kokori et al. (2022)	$6429.0^{+50.0}_{-50.0}$ $3.95^{+0.06}_{-0.06}$ Johns-Krull et al. (2008)	$0.0882^{+0.0004}_{-0.0004}$ $0.2769^{+0.0017}_{-0.0016}$	$7.05^{+0.08}_{-0.1}$ $347.2^{+1.7}_{-1.6}$	$84.11^{+0.16}_{-0.16}$	Wong et al. (2014)
XO-4b	$2455682.20389^{+0.00023}_{-0.00023}$ $4.1250679^{+6e-07}_{-6e-07}$ Kokori et al. (2022)	$6397.0^{+70.0}_{-70.0}$ $4.18^{+0.07}_{-0.07}$ McCullough et al. (2008)	$0.0881^{+0.0007}_{-0.0007}$ –	$7.68^{+0.11}_{-0.11}$ –	$88.8^{+0.6}_{-0.6}$	Narita et al. (2010)
XO-5b	$2455469.7912^{+0.0003}_{-0.0003}$ $4.1877562^{+6e-07}_{-6e-07}$ Kokori et al. (2022)	$5510.0^{+44.0}_{-44.0}$ $4.52^{+0.06}_{-0.06}$ Burke et al. (2008)	$0.1039^{+0.0007}_{-0.0007}$ –	$9.85^{+0.03}_{-0.03}$ –	$86.8^{+0.2}_{-0.2}$	Smith (2015)
XO-6b	$2458843.93943^{+0.00012}_{-0.00012}$ $3.7649939^{+1.3e-06}_{-1.3e-06}$ Kokori et al. (2022)	$6720.0^{+100.0}_{-100.0}$ $4.04^{+0.1}_{-0.1}$ Crouzet et al. (2017)	$0.11^{+0.006}_{-0.006}$ –	$9.08^{+0.17}_{-0.17}$ –	$86.0^{+0.2}_{-0.2}$	Crouzet et al. (2017)
XO-7b	$2457917.47503^{+0.00045}_{-0.00045}$ $2.8641424^{+4.3e-06}_{-4.3e-06}$ Crouzet et al. (2020)	$6250.0^{+100.0}_{-100.0}$ $4.25^{+0.02}_{-0.02}$ Crouzet et al. (2020)	$0.09532^{+0.00093}_{-0.00093}$ –	$6.43^{+0.14}_{-0.14}$ –	$83.45^{+0.29}_{-0.29}$	Crouzet et al. (2020)
piMenc	$2458325.5031^{+0.0008}_{-0.0008}$ $6.26834^{+0.00024}_{-0.00024}$ Gandolfi et al. (2018)	$5870.0^{+50.0}_{-50.0}$ $4.36^{+0.02}_{-0.02}$ Gandolfi et al. (2018)	$0.01721^{+0.00024}_{-0.00024}$ –	$13.1^{+0.18}_{-0.18}$ –	$87.31^{+0.11}_{-0.11}$	Gandolfi et al. (2018)

Table 7. Updated ephemerides and data sources.

Planet	T_0 (BJD_{TDB}) P (days)	References for Literature data used
55Cnce	2459370.807543 ± 0.000093 0.73654625 ± 0.00000015	Winn et al. (2011a)
CoRoT-11b	2456019.96220 ± 0.00037 2.99427803 ± 0.00000049	Gandolfi et al. (2010)
CoRoT-19b	2455701.71540 ± 0.00048 3.8971379 ± 0.0000016	Guenther et al. (2012)
CoRoT-2b	2457683.44158 ± 0.00016 1.74299705 ± 0.00000015	Alonso et al. (2008b), Öztürk & Erdem (2019)
EPIC211945201b	2458094.44793 ± 0.00024 19.4921498 ± 0.0000077	
EPIC246851721b	2458439.87506 ± 0.00025 6.1802679 ± 0.0000020	
G9-40b	2458319.65105 ± 0.00013 5.7459996 ± 0.0000020	Stefansson et al. (2020)
GJ1132b	2458031.60114 ± 0.00011 1.6289304 ± 0.0000013	Berta-Thompson et al. (2015), Mugnai et al. (2021)
GJ1214b	2455886.320526 ± 0.000023 1.580404571 ± 0.000000042	Berta et al. (2011), Harpsøe et al. (2013), Fraine et al. (2013), Cáceres et al. (2014), Mallonn et al. (2019a)
GJ1252b	2458876.94510 ± 0.00086 0.5182464 ± 0.0000023	
GJ3470b	2456974.689880 ± 0.000059 3.33665240 ± 0.00000014	Fukui et al. (2013), Dragomir et al. (2015)
GJ357b	2458824.58800 ± 0.00091 3.930623 ± 0.000010	
GJ436b	2455290.751684 ± 0.000052 2.643897621 ± 0.000000096	Gillon et al. (2007a), Gillon et al. (2007b), Alonso et al. (2008a), Bean & Seifahrt (2008), Ribas et al. (2008), Cáceres et al. (2009), Shporer et al. (2009a), Beaulieu et al. (2011), Knutson et al. (2014a), Turner et al. (2016a), Wang et al. (2021)
GJ9827b	2457831.91720 ± 0.00026 1.2089749 ± 0.0000010	Niraula et al. (2017)
GJ9827c	2457851.64378 ± 0.00075 3.6481145 ± 0.0000096	
HAT-P-11b	2455798.515261 ± 0.000023 4.88780201 ± 0.00000017	Bakos et al. (2010), Sada et al. (2012), Tsiaras et al. (2018), Murgas et al. (2019)
HAT-P-12b	2456851.481119 ± 0.000060 3.21305762 ± 0.00000015	Hartman et al. (2009), Lee et al. (2012), Sada et al. (2012), Line et al. (2013), Mallonn et al. (2015a), Hinse et al. (2015), Sada & Ramón-Fox (2016), Turner et al. (2017), Mancini et al. (2018), Alexoudi et al. (2018), Öztürk & Erdem (2019), Yan et al. (2020), Wang et al. (2021), Sariya et al. (2021)
HAT-P-13b	2455631.47279 ± 0.00019 2.91624268 ± 0.00000047	Bakos et al. (2009), Nascimbeni et al. (2011b), Fulton et al. (2011), Pál et al. (2011), Southworth et al. (2012a), Turner et al. (2016a), Sada & Ramón-Fox (2016)
HAT-P-14b	2457304.81275 ± 0.00015 4.62766098 ± 0.00000034	Torres et al. (2010), Nascimbeni et al. (2011a)
HAT-P-15b	2456159.44417 ± 0.00017 10.86345165 ± 0.00000089	Kovács et al. (2010)
HAT-P-16b	2457237.26396 ± 0.00013 2.77596748 ± 0.00000021	Buchhave et al. (2010), Ciceri et al. (2013), Pearson et al. (2014), Turner et al. (2016a), Sada & Ramón-Fox (2016), Wang et al. (2021)
HAT-P-17b	2456703.460703 ± 0.000050 10.33853522 ± 0.00000070	Howard et al. (2012), Tsiaras et al. (2018)

HAT-P-18b	2457408.449133 ± 0.000081 5.50802941 ± 0.00000053	Hartman et al. (2011a), Seeliger et al. (2015), Kirk et al. (2017), Wang et al. (2021)
HAT-P-19b	2456927.55807 ± 0.00011 4.00878423 ± 0.00000044	Hartman et al. (2011a), Mallonn et al. (2015b), Seeliger et al. (2015), Baştürk et al. (2020), Wang et al. (2021)
HAT-P-1b	2456476.03405 ± 0.00019 4.46529913 ± 0.00000037	Winn et al. (2007b), Johnson et al. (2008), Turner et al. (2016a)
HAT-P-20b	2457959.120430 ± 0.000056 2.87531773 ± 0.00000011	Bakos et al. (2011), Granata et al. (2014), Esposito et al. (2017), Sun et al. (2017), Wang et al. (2021)
HAT-P-21b	2458159.89639 ± 0.00027 4.12448852 ± 0.00000069	Bakos et al. (2011)
HAT-P-22b	2458261.305980 ± 0.000069 3.21223218 ± 0.00000019	Bakos et al. (2011), Hinse et al. (2015), Turner et al. (2016a), Wang et al. (2021)
HAT-P-23b	2457742.573790 ± 0.000072 1.212886397 ± 0.000000074	Bakos et al. (2011), Sada & Ramón-Fox (2016), Maciejewski et al. (2018), Patra et al. (2020), Salisbury et al. (2021)
HAT-P-24b	2458011.89580 ± 0.00014 3.35524439 ± 0.00000026	Kipping et al. (2010), Wang et al. (2013), Kjurkchieva et al. (2016), Wang et al. (2021)
HAT-P-25b	2457759.39314 ± 0.00015 3.65281524 ± 0.00000037	Quinn et al. (2012), Wang et al. (2018b), Mallonn et al. (2019b)
HAT-P-26b	2456901.059458 ± 0.000094 4.23450020 ± 0.00000064	Hartman et al. (2011b), Stevenson et al. (2016), Wakeford et al. (2017), Tsiaras et al. (2018), von Essen et al. (2019)
HAT-P-27b	2457128.31066 ± 0.00013 3.03957804 ± 0.00000024	Béky et al. (2011), Anderson et al. (2011b), Sada et al. (2012), Seeliger et al. (2015), Wang et al. (2021)
HAT-P-28b	2458134.11472 ± 0.00030 3.25721296 ± 0.00000080	Buchhave et al. (2011)
HAT-P-29b	2457652.90414 ± 0.00048 5.7233685 ± 0.0000022	Buchhave et al. (2011), Wang et al. (2018a)
HAT-P-2b	2458657.66292 ± 0.00011 5.63346785 ± 0.00000061	Bakos et al. (2007a), Lewis et al. (2013)
HAT-P-30b	2457825.80333 ± 0.00011 2.81060097 ± 0.00000021	Enoch et al. (2011b), Johnson et al. (2011), Maciejewski et al. (2016b), Saha et al. (2021), Wang et al. (2021)
HAT-P-31b	2458940.75332 ± 0.00034 5.0052702 ± 0.0000031	Kipping et al. (2011), Mallonn et al. (2019b)
HAT-P-32b	2456265.154123 ± 0.000044 2.150008197 ± 0.000000089	Hartman et al. (2011c), Gibson et al. (2013b), Zhao et al. (2014), Seeliger et al. (2014), Mallonn & Strassmeier (2016), Tregloan-Reed et al. (2018), Wang et al. (2019b)
HAT-P-33b	2458078.129918 ± 0.000088 3.47447703 ± 0.00000018	Hartman et al. (2011c), Wang et al. (2017)
HAT-P-34b	2458708.63767 ± 0.00018 5.45264682 ± 0.00000092	Bakos et al. (2012)
HAT-P-35b	2457620.79024 ± 0.00037 3.64665840 ± 0.00000090	Bakos et al. (2012)
HAT-P-36b	2457885.383994 ± 0.000094 1.327346813 ± 0.000000097	Bakos et al. (2012), Wang et al. (2019b)
HAT-P-37b	2457938.84392 ± 0.00016 2.79744256 ± 0.00000041	Bakos et al. (2012), Maciejewski et al. (2016b), Turner et al. (2017), Wang et al. (2021)
HAT-P-38b	2457570.76143 ± 0.00011 4.64032787 ± 0.00000088	Sato et al. (2012), Bruno et al. (2018a), Mallonn et al. (2019b)
HAT-P-39b	2458089.92057 ± 0.00019 3.54387370 ± 0.00000034	Hartman et al. (2012)
HAT-P-3b	2456843.022438 ± 0.000081 2.89973815 ± 0.00000013	Torres et al. (2007), Gibson et al. (2010), Nascimbeni et al. (2011a), Chan et al. (2011), Sada et al. (2012), Mancini et al. (2018), Wang et al. (2021)
HAT-P-40b	2456651.13368 ± 0.00042 4.4572184 ± 0.0000012	Hartman et al. (2012)

HAT-P-41b	2458071.24389 ± 0.00015 2.69404968 ± 0.00000096	Hartman et al. (2012), Wakeford et al. (2020)
HAT-P-42b	2458941.87092 ± 0.00020 4.64183885 ± 0.00000087	Boisse et al. (2013)
HAT-P-43b	2458223.60220 ± 0.00011 3.33268054 ± 0.00000040	Boisse et al. (2013), Wang et al. (2021)
HAT-P-44b	2457679.78645 ± 0.00028 4.30119043 ± 0.00000082	Hartman et al. (2014)
HAT-P-45b	2458082.99115 ± 0.00035 3.12899506 ± 0.00000059	Hartman et al. (2014)
HAT-P-46b	2456736.78473 ± 0.00028 4.46313574 ± 0.00000086	Hartman et al. (2014)
HAT-P-49b	2459013.12497 ± 0.00020 2.69155536 ± 0.00000054	Bieryla et al. (2014)
HAT-P-4b	2455584.57238 ± 0.00018 3.05652301 ± 0.00000029	Kovács et al. (2007), Winn et al. (2011b), Christiansen et al. (2011), Wang et al. (2021)
HAT-P-50b	2458402.63014 ± 0.00022 3.12200511 ± 0.00000050	Hartman et al. (2015a)
HAT-P-51b	2458345.31404 ± 0.00019 4.21802122 ± 0.00000065	Hartman et al. (2015a)
HAT-P-52b	2458233.96601 ± 0.00020 2.75359760 ± 0.00000036	Hartman et al. (2015a), Wang et al. (2021)
HAT-P-53b	2457898.96242 ± 0.00039 1.96162371 ± 0.00000052	Hartman et al. (2015a), Wang et al. (2021)
HAT-P-54b	2458624.814979 ± 0.000098 3.79985297 ± 0.00000038	Bakos et al. (2015a), Saha et al. (2021), Wang et al. (2021)
HAT-P-55b	2458279.65563 ± 0.00020 3.58523207 ± 0.00000072	Juncher et al. (2015)
HAT-P-56b	2458459.75023 ± 0.00016 2.79082500 ± 0.00000037	Huang et al. (2015b), Wang et al. (2021)
HAT-P-57b	2457598.49926 ± 0.00037 2.46529488 ± 0.00000046	Hartman et al. (2015b)
HAT-P-59b	2458900.19541 ± 0.00013 4.1419776 ± 0.0000020	Bakos et al. (2021)
HAT-P-5b	2457155.73168 ± 0.00011 2.78847323 ± 0.00000015	Bakos et al. (2007b), Southworth et al. (2012b), Turner et al. (2017), Wang et al. (2021)
HAT-P-62b	2457332.66095 ± 0.00024 2.64532306 ± 0.00000095	Bakos et al. (2021)
HAT-P-65b	2458280.04462 ± 0.00018 2.60544724 ± 0.00000050	Hartman et al. (2016), Chen et al. (2021)
HAT-P-66b	2458248.50549 ± 0.00033 2.9720890 ± 0.0000011	Hartman et al. (2016)
HAT-P-67b	2458770.48632 ± 0.00031 4.8101042 ± 0.0000018	Zhou et al. (2017)
HAT-P-68b	2458140.34562 ± 0.00011 2.29840555 ± 0.00000018	Lindor et al. (2021)
HAT-P-69b	2459170.75396 ± 0.00016 4.7869883 ± 0.0000033	Zhou et al. (2019a)
HAT-P-6b	2456100.88331 ± 0.00020 3.85299668 ± 0.00000036	Noyes et al. (2008), Todorov et al. (2012)
HAT-P-70b	2459089.978883 ± 0.000089 2.74431939 ± 0.00000098	Zhou et al. (2019a)

HAT-P-7b	2455739.244382 ± 0.000013 2.204736003 ± 0.000000049	Pál et al. (2008), Christiansen et al. (2010), Wong et al. (2016)
HAT-P-8b	2456052.75596 ± 0.00024 3.07634347 ± 0.00000058	Latham et al. (2009), Mancini et al. (2013b), Wang et al. (2021)
HAT-P-9b	2456489.15311 ± 0.00019 3.92281131 ± 0.00000039	Shporer et al. (2009b), Dittmann et al. (2012), Wang et al. (2019b)
HATS-10b	2456706.34481 ± 0.00030 3.3128281 ± 0.0000013	Brahm et al. (2015)
HATS-11b	2457338.608479 ± 0.000067 3.6191546 ± 0.0000010	Rabus et al. (2016)
HATS-13b	2457375.29601 ± 0.00019 3.04405362 ± 0.00000047	Mancini et al. (2015a)
HATS-17b	2458390.77872 ± 0.00067 16.254688 ± 0.000011	Brahm et al. (2016a)
HATS-1b	2458711.86936 ± 0.00019 3.44645630 ± 0.00000076	Penev et al. (2013)
HATS-22b	2458278.17664 ± 0.00017 4.72281727 ± 0.00000081	Bento et al. (2017)
HATS-23b	2457580.57342 ± 0.00041 2.1605107 ± 0.0000012	Bento et al. (2017)
HATS-24b	2458912.88473 ± 0.00013 1.34849689 ± 0.00000027	Bento et al. (2017)
HATS-25b	2458426.47971 ± 0.00021 4.29864716 ± 0.00000081	Espinoza et al. (2016)
HATS-26b	2458422.85080 ± 0.00057 3.3023928 ± 0.0000023	Espinoza et al. (2016)
HATS-27b	2458309.16373 ± 0.00039 4.6370496 ± 0.0000021	Espinoza et al. (2016)
HATS-29b	2457925.49744 ± 0.00037 4.6058787 ± 0.0000017	Espinoza et al. (2016)
HATS-2b	2457108.30842 ± 0.00010 1.354133683 ± 0.000000086	Mohler-Fischer et al. (2013)
HATS-30b	2458378.82983 ± 0.00016 3.17435131 ± 0.00000059	Espinoza et al. (2016)
HATS-31b	2458193.0945 ± 0.0010 3.3779344 ± 0.0000028	de Val-Borro et al. (2016)
HATS-33b	2458840.28135 ± 0.00017 2.54956317 ± 0.00000082	de Val-Borro et al. (2016)
HATS-34b	2458241.85896 ± 0.00034 2.10616098 ± 0.00000082	de Val-Borro et al. (2016)
HATS-35b	2458604.31463 ± 0.00016 1.82100088 ± 0.00000028	de Val-Borro et al. (2016)
HATS-39b	2457704.38304 ± 0.00039 4.5776335 ± 0.0000023	Bento et al. (2018)
HATS-3b	2456599.44946 ± 0.00013 3.54785091 ± 0.00000050	Addison et al. (2014)
HATS-40b	2457217.29095 ± 0.00040 3.2642813 ± 0.0000018	Bento et al. (2018)
HATS-41b	2458754.16506 ± 0.00042 4.1936623 ± 0.0000015	Bento et al. (2018)
HATS-42b	2458290.56434 ± 0.00033 2.29210275 ± 0.00000064	Bento et al. (2018)

HATS-43b	2458338.30607 ± 0.00014 4.3888492 ± 0.0000010	Brahm et al. (2018a)
HATS-45b	2457983.29452 ± 0.00050 4.1876194 ± 0.0000019	Brahm et al. (2018a)
HATS-46b	2458320.41791 ± 0.00034 4.7423693 ± 0.0000020	Brahm et al. (2018a)
HATS-48Ab	2457955.49543 ± 0.00017 3.13166726 ± 0.00000057	Hartman et al. (2020)
HATS-4b	2458219.36583 ± 0.00023 2.51672679 ± 0.00000042	Jordán et al. (2014)
HATS-51b	2458816.90482 ± 0.00022 3.34886782 ± 0.00000082	Henning et al. (2018)
HATS-52b	2458731.65067 ± 0.00020 1.36665617 ± 0.00000028	Henning et al. (2018)
HATS-53b	2458281.13120 ± 0.00023 3.85377818 ± 0.00000088	Henning et al. (2018)
HATS-56b	2458890.81912 ± 0.00032 4.3247662 ± 0.0000019	Espinoza et al. (2019b)
HATS-57b	2458697.58795 ± 0.00019 2.35061721 ± 0.00000062	Espinoza et al. (2019b)
HATS-58Ab	2459036.64202 ± 0.00046 4.2180733 ± 0.0000031	Espinoza et al. (2019b)
HATS-5b	2456726.31351 ± 0.00013 4.76338959 ± 0.00000064	Zhou et al. (2014)
HATS-60b	2458824.02814 ± 0.00065 3.5608104 ± 0.0000037	Hartman et al. (2019)
HATS-64b	2458265.6222 ± 0.0011 4.9088963 ± 0.0000072	Hartman et al. (2019)
HATS-65b	2458669.87103 ± 0.00018 3.10515933 ± 0.00000062	Hartman et al. (2019)
HATS-67b	2457796.8820709 ± 0.0000049 1.60918324 ± 0.00000051	Hartman et al. (2019)
HATS-68b	2458798.27670 ± 0.00047 3.5862211 ± 0.0000024	Hartman et al. (2019)
HATS-6b	2457112.60363 ± 0.00011 3.32526424 ± 0.00000037	Hartman et al. (2015c)
HATS-70b	2458309.17297 ± 0.00047 1.88823968 ± 0.00000076	Zhou et al. (2019b)
HATS-72b	2458124.287570 ± 0.000045 7.3279496 ± 0.0000014	Hartman et al. (2020)
HATS-7b	2457340.55196 ± 0.00035 3.1853109 ± 0.0000010	Bakos et al. (2015b)
HD106315c	2458432.34123 ± 0.00056 21.056614 ± 0.000054	Lendl et al. (2017b), Guilluy et al. (2021)
HD108236b	2459027.674 ± 0.015 3.79666 ± 0.00017	Bonfanti et al. (2021)
HD108236c	2458907.39059 ± 0.00083 6.203688 ± 0.000015	Bonfanti et al. (2021)
HD108236d	2458939.90934 ± 0.00077 14.175876 ± 0.000030	Bonfanti et al. (2021)
HD108236e	2458978.37245 ± 0.00091 19.590186 ± 0.000050	Bonfanti et al. (2021)

HD110113b	2459103.603217 ± 0.000022 2.54047309 ± 0.00000019	
HD149026b	2457217.64141 ± 0.00011 2.87588850 ± 0.00000014	Charbonneau et al. (2006), Winn et al. (2008a), Nutzman et al. (2009), Carter et al. (2009), Knutson et al. (2009), Stevenson et al. (2012)
HD17156b	2455499.305815 ± 0.000082 21.2164387 ± 0.0000011	Gillon et al. (2008), Irwin et al. (2008), Narita et al. (2008), Barbieri et al. (2009), Winn et al. (2009b), Nutzman et al. (2011)
HD189733b	2456194.067619 ± 0.000034 2.218574944 ± 0.000000030	Agol et al. (2010), Hrudková et al. (2010), Knutson et al. (2012)
HD191939b	2458910.72284 ± 0.00024 8.880318 ± 0.000012	
HD191939c	2458868.95493 ± 0.00090 28.57968 ± 0.00016	
HD202772Ab	2458705.89569 ± 0.00016 3.3088753 ± 0.0000014	
HD209458b	2455420.84456 ± 0.00016 3.52474955 ± 0.00000032	Miller-Ricci et al. (2008), Deming et al. (2013)
HD219134b	2458694.81665 ± 0.00026 3.0929338 ± 0.0000017	Gillon et al. (2017)
HD219666b	2458600.75321 ± 0.00081 6.034468 ± 0.000014	
HD2685b	2458726.093504 ± 0.000089 4.1269052 ± 0.0000010	
HD332231b	2459178.77035 ± 0.00012 18.7120712 ± 0.0000067	
HD5278b	2458695.03676 ± 0.00069 14.339169 ± 0.000036	
HD63433b	2459342.92881 ± 0.00047 7.107939 ± 0.000011	
HD63433c	2459296.02303 ± 0.00013 20.5438060 ± 0.0000083	
HD86226c	2458698.65590 ± 0.00065 3.9846654 ± 0.0000092	
HD89345b	2459118.8724 ± 0.0012 11.814417 ± 0.000019	
HD97658b	2457339.205224 ± 0.000098 9.4893037 ± 0.0000016	Dragomir et al. (2013), Van Grootel et al. (2014), Guo et al. (2020), Maxted et al. (2021)
HIP65Ab	2458658.653779 ± 0.000042 0.98097217 ± 0.00000012	
K2-107b	2457334.349840 ± 0.000097 3.3139151 ± 0.0000029	
K2-113b	2457893.20124 ± 0.00042 5.8176015 ± 0.0000028	
K2-115b	2457522.07056 ± 0.00026 20.2729861 ± 0.0000070	
K2-116b	2457422.1782 ± 0.0040 4.654879 ± 0.000022	
K2-121b	2458092.553641 ± 0.000087 5.18575320 ± 0.00000083	
K2-132b	2458434.0306 ± 0.0049 9.172616 ± 0.000051	Grunblatt et al. (2017)
K2-136c	2457864.63890 ± 0.00075 17.307013 ± 0.000092	

K2-140b	2457732.80773 ± 0.00010 6.5692045 ± 0.0000015	
K2-155c	2457994.66467 ± 0.00056 13.853487 ± 0.000016	
K2-198b	2457784.02605 ± 0.00028 17.042849 ± 0.000010	
K2-198d	2457824.48087 ± 0.00030 7.4500372 ± 0.0000047	
K2-199c	2457687.52395 ± 0.00064 7.3744828 ± 0.0000093	
K2-19b	2456932.1950 ± 0.0011 7.920978 ± 0.000019	Narita et al. (2015), Petigura et al. (2020)
K2-232b	2458160.403851 ± 0.000039 11.16844233 ± 0.00000066	Brahm et al. (2018b)
K2-233d	2458151.77395 ± 0.00034 24.365430 ± 0.000021	
K2-237b	2457942.11408 ± 0.00012 2.18053435 ± 0.00000046	Edwards et al. (2021a)
K2-238b	2457984.06074 ± 0.00023 3.2046909 ± 0.0000022	
K2-25b	2457651.471616 ± 0.000062 3.48456248 ± 0.00000064	Kain et al. (2020)
K2-260b	2458109.67429 ± 0.00018 2.62669768 ± 0.00000080	
K2-261b	2458325.64553 ± 0.00040 11.6334758 ± 0.0000080	
K2-266d	2458488.6672 ± 0.0027 14.698200 ± 0.000048	
K2-284b	2458146.80246 ± 0.00062 4.7948599 ± 0.0000050	
K2-295b	2457624.83244 ± 0.00012 4.02488968 ± 0.00000077	
K2-29b	2458560.23617 ± 0.00013 3.25883406 ± 0.00000039	
K2-30b	2457526.93509 ± 0.00014 4.09847804 ± 0.00000069	
K2-31b	2456952.717941 ± 0.000091 1.25784887 ± 0.00000078	Grziwa et al. (2016)
K2-333b	2458525.4295 ± 0.0012 14.759859 ± 0.000030	
K2-334b	2458209.31601 ± 0.00031 5.1138428 ± 0.0000051	
K2-34b	2457851.317006 ± 0.000052 2.99563536 ± 0.00000025	
K2-55b	2457063.20281 ± 0.00024 2.8492816 ± 0.0000018	
KELT-10b	2457612.49947 ± 0.00041 4.1662541 ± 0.0000016	Kuhn et al. (2016)
KELT-11b	2458255.43247 ± 0.00013 4.7362006 ± 0.0000034	Pepper et al. (2017), Beatty et al. (2017b), Changeat et al. (2020)
KELT-12b	2459020.83914 ± 0.00021 5.0316328 ± 0.0000019	Stevens et al. (2017)

KELT-14b	2458654.016813 ± 0.000070 1.71005328 ± 0.00000014	Rodriguez et al. (2016), Turner et al. (2016b)
KELT-15b	2458973.57814 ± 0.00012 3.3294660 ± 0.0000012	Edwards et al. (2021a)
KELT-16b	2458392.597691 ± 0.000078 0.968992962 ± 0.000000097	Oberst et al. (2017), Maciejewski et al. (2018), Patra et al. (2020), Bell et al. (2021)
KELT-17b	2459440.791304 ± 0.000078 3.08017985 ± 0.00000051	Zhou et al. (2016)
KELT-18b	2458676.84596 ± 0.00024 2.8716995 ± 0.0000012	McLeod et al. (2017)
KELT-19Ab	2458171.31415 ± 0.00027 4.6117361 ± 0.0000023	Siverd et al. (2018)
KELT-1b	2457727.01162 ± 0.00013 1.21749415 ± 0.00000012	Siverd et al. (2012), Beatty et al. (2014), Beatty et al. (2017a), Maciejewski et al. (2018), Beatty et al. (2020)
KELT-20b	2459288.807775 ± 0.000021 3.47410042 ± 0.00000022	Lund et al. (2017), Casasayas-Barris et al. (2019)
KELT-21b	2458881.93965 ± 0.00023 3.61276958 ± 0.00000095	Johnson et al. (2018b)
KELT-23Ab	2458918.461247 ± 0.000021 2.25528745 ± 0.00000018	
KELT-24b	2459062.317991 ± 0.000051 5.55149344 ± 0.00000092	Rodriguez et al. (2019a)
KELT-2Ab	2459467.198989 ± 0.000080 4.11377556 ± 0.00000083	Beatty et al. (2012)
KELT-3b	2458543.04054 ± 0.00018 2.70338919 ± 0.00000048	Pepper et al. (2013), Wang et al. (2021)
KELT-4Ab	2456617.81302 ± 0.00031 2.98958682 ± 0.00000099	Eastman et al. (2016)
KELT-6b	2457218.65874 ± 0.00034 7.8456043 ± 0.0000022	Collins et al. (2014)
KELT-7b	2459109.138447 ± 0.000051 2.73476560 ± 0.00000020	Bieryla et al. (2015), Garhart et al. (2020), Pluriel et al. (2020)
KELT-8b	2457986.46737 ± 0.00026 3.24408156 ± 0.00000100	Fulton et al. (2015), Mallonn et al. (2019b)
KELT-9b	2458955.970923 ± 0.000050 1.48111874 ± 0.00000014	Gaudi et al. (2017), Mansfield et al. (2020)
KOI-12b	2455711.66072 ± 0.00011 17.8552276 ± 0.0000045	
KOI-13b	2455777.1613310 ± 0.0000071 1.763587619 ± 0.000000028	
KOI-94c	2455679.81939 ± 0.00051 10.423671 ± 0.000012	
KOI-94d	2455703.05975 ± 0.00013 22.3429720 ± 0.0000059	
KOI-94e	2455809.0400 ± 0.0015 54.32002 ± 0.00016	
KPS-1b	2458888.78720 ± 0.00020 1.70632513 ± 0.00000089	Burdanov et al. (2018)
Kepler-105b	2455669.72916 ± 0.00029 5.4122030 ± 0.0000037	
Kepler-12b	2455669.703585 ± 0.000023 4.43796263 ± 0.00000022	

Kepler-18d	2455704.09996 ± 0.00025 14.8589223 ± 0.0000091	
Kepler-396c	2455546.7461 ± 0.0062 88.5127 ± 0.0013	
Kepler-41b	2455664.159537 ± 0.000018 1.855557555 ± 0.000000078	
Kepler-422b	2455641.565849 ± 0.000026 7.89144912 ± 0.00000049	
Kepler-435b	2455724.455024 ± 0.000079 8.6001545 ± 0.0000017	
Kepler-447b	2455702.924679 ± 0.000034 7.79430304 ± 0.00000054	
Kepler-5b	2455693.982258 ± 0.000024 3.54846566 ± 0.00000019	
Kepler-6b	2455643.477519 ± 0.000015 3.23469930 ± 0.00000011	
Kepler-76b	2455654.042121 ± 0.000019 1.544928884 ± 0.000000066	
Kepler-7b	2455700.100198 ± 0.000024 4.88548837 ± 0.00000027	
Kepler-854b	2455668.279705 ± 0.000022 2.14463318 ± 0.00000011	
L98-59b	2458828.05812 ± 0.00024 2.2531154 ± 0.0000017	
L98-59c	2458902.42094 ± 0.00014 3.6906716 ± 0.0000015	
L98-59d	2458847.03715 ± 0.00025 7.4507370 ± 0.0000054	
LHS1140b	2458103.084207 ± 0.000043 24.737210 ± 0.000017	Dittmann et al. (2017), Edwards et al. (2021b)
LHS1140c	2458226.843969 ± 0.000018 3.7779329 ± 0.0000028	Ment et al. (2019)
LHS3844b	2458828.93037 ± 0.00025 0.46292964 ± 0.00000033	
LP714-47b	2458774.70336 ± 0.00024 4.0520345 ± 0.0000026	
LP791-18c	2458905.78256 ± 0.00020 4.9899054 ± 0.0000026	
LTT1445Ab	2458905.71556 ± 0.00071 5.358777 ± 0.000011	
LTT3780c	2458608.11003 ± 0.00045 12.252208 ± 0.000027	
LTT9779b	2458724.90098 ± 0.00013 0.79206425 ± 0.00000028	
MASCARA-4b	2459321.975440 ± 0.000063 2.8240759 ± 0.0000053	Dorval et al. (2020)
NGTS-1b	2458586.32972 ± 0.00040 2.6473068 ± 0.0000017	Bayliss et al. (2018b)
NGTS-2b	2459238.77448 ± 0.00025 4.5111230 ± 0.0000037	Raynard et al. (2018)
NGTS-6b	2458712.72373 ± 0.00024 0.88205850 ± 0.00000033	Vines et al. (2019)

Qatar-10b	2459108.413073 ± 0.000092 1.64532652 ± 0.00000050	Alsubai et al. (2019a)
Qatar-1b	2457475.204489 ± 0.000038 1.420024443 ± 0.000000049	Alsubai et al. (2011), Covino et al. (2013), von Essen et al. (2013), Maciejewski et al. (2015), Collins et al. (2017), Püsküllü et al. (2017), Su et al. (2021)
Qatar-2b	2457008.182780 ± 0.000032 1.337116562 ± 0.000000059	Mancini et al. (2014a)
Qatar-3b	2457367.65840 ± 0.00010 2.50789979 ± 0.00000075	Alsubai et al. (2017)
Qatar-4b	2458919.58363 ± 0.00015 1.80536403 ± 0.00000054	Alsubai et al. (2017), Mallonn et al. (2019b), Wang et al. (2021)
Qatar-5b	2457593.01599 ± 0.00014 2.87929997 ± 0.00000070	Alsubai et al. (2017), Mallonn et al. (2019b)
Qatar-7b	2458303.419733 ± 0.000093 2.03202332 ± 0.00000033	Alsubai et al. (2019b)
Qatar-8b	2459362.37977 ± 0.00020 3.7146458 ± 0.0000029	Alsubai et al. (2019a)
Qatar-9b	2459275.48370 ± 0.00012 1.54077512 ± 0.00000045	Alsubai et al. (2019a)
TIC257060897b	2458979.84075 ± 0.00021 3.6600330 ± 0.0000022	Montalto et al. (2022)
TOI-1130b	2458866.6752 ± 0.0013 4.077039 ± 0.000026	Huang et al. (2020)
TOI-1130c	2458841.60130 ± 0.00013 8.3498494 ± 0.0000060	Huang et al. (2020)
TOI-1201b	2458822.84776 ± 0.00037 2.4919726 ± 0.0000024	
TOI-1259Ab	2458996.240605 ± 0.000039 3.47797910 ± 0.00000056	
TOI-125b	2458578.6394 ± 0.0015 4.651853 ± 0.000019	
TOI-125c	2458673.1649 ± 0.0018 9.154545 ± 0.000047	
TOI-1266c	2459122.3981 ± 0.0020 18.80171 ± 0.00012	Demory et al. (2020)
TOI-1296b	2459092.47460 ± 0.00020 3.9443728 ± 0.0000040	
TOI-1298b	2459101.99705 ± 0.00027 4.5371453 ± 0.0000058	
TOI-1478b	2459045.65659 ± 0.00017 10.1803074 ± 0.0000056	Rodriguez et al. (2021)
TOI-150.01	2459029.17050 ± 0.00016 5.8574204 ± 0.0000033	
TOI-1518b	2458806.075406 ± 0.000096 1.9026144 ± 0.0000016	Cabot et al. (2021)
TOI-157b	2459087.404531 ± 0.000069 2.08453882 ± 0.00000053	
TOI-163b	2459060.866509 ± 0.000096 4.2311144 ± 0.0000015	
TOI-169b	2458943.17851 ± 0.00038 2.2554454 ± 0.0000044	
TOI-1728b	2459087.67385 ± 0.00032 3.4914050 ± 0.0000035	

TOI-172b	2459085.0724 ± 0.0010 9.476936 ± 0.000026	Rodriguez et al. (2019b)
TOI-1789b	2459383.83993 ± 0.00028 3.2087183 ± 0.0000033	Khandelwal et al. (2022)
TOI-201b	2459011.79063 ± 0.00012 52.978197 ± 0.000017	
TOI-2076b	2458805.85425 ± 0.00029 10.355489 ± 0.000032	
TOI-216.01	2458848.970 ± 0.022 34.5073 ± 0.0042	
TOI-216.02	2458892.985 ± 0.064 17.203 ± 0.013	
TOI-257b	2458808.67779 ± 0.00051 18.387686 ± 0.000028	
TOI-269b	2458747.91977 ± 0.00036 3.6977155 ± 0.0000037	
TOI-270b	2458891.1154 ± 0.0013 3.360156 ± 0.000012	
TOI-270c	2458734.79487 ± 0.00029 5.6605746 ± 0.0000046	
TOI-270d	2458776.58464 ± 0.00037 11.379568 ± 0.000012	
TOI-421c	2458681.14621 ± 0.00059 16.067531 ± 0.000028	
TOI-431b	2458596.6668 ± 0.0013 0.4900520 ± 0.0000022	
TOI-431d	2458764.61739 ± 0.00013 12.4610213 ± 0.0000043	
TOI-451c	2459000.1144 ± 0.0020 9.192402 ± 0.000064	
TOI-451d	2458727.56733 ± 0.00089 16.364909 ± 0.000043	
TOI-481b	2458924.88754 ± 0.00013 10.3311565 ± 0.0000039	
TOI-530b	2459128.12298 ± 0.00047 6.3875892 ± 0.0000074	
TOI-561c	2459055.2229 ± 0.0012 10.778829 ± 0.000025	
TOI-564b	2458950.80383 ± 0.00032 1.6511442 ± 0.0000015	
TOI-640b	2459150.26184 ± 0.00027 5.0037904 ± 0.0000058	Rodriguez et al. (2021)
TOI-674b	2458862.847755 ± 0.000088 1.97716420 ± 0.00000051	
TOI-677b	2458918.28242 ± 0.00013 11.2366063 ± 0.0000041	
TOI-700c	2458821.62193 ± 0.00042 16.051115 ± 0.000018	
TOI-776b	2458785.82769 ± 0.00078 8.246630 ± 0.000019	
TOI-776c	2459026.89405 ± 0.00088 15.665340 ± 0.000038	

TOI-824b	2458983.66859 ± 0.00031 1.3929750 ± 0.0000013	
TOI-837b	2459023.81863 ± 0.00058 8.324917 ± 0.000013	
TOI-892b	2459134.53983 ± 0.00038 10.626628 ± 0.000016	Brahm et al. (2020)
TOI-905b	2459185.54646 ± 0.00011 3.7395671 ± 0.0000013	
TrES-1b	2456822.891157 ± 0.000063 3.030069476 ± 0.000000072	Alonso et al. (2004), Winn et al. (2007a), Narita et al. (2007), Rabus et al. (2009), Raetz et al. (2009a), Wang et al. (2021)
TrES-2b	2455706.8297691 ± 0.0000041 2.470613372 ± 0.000000024	O'Donovan et al. (2006), Holman et al. (2007), Raetz et al. (2009b), Mislis et al. (2010), Christiansen et al. (2011), Turner et al. (2016a), Öztürk & Erdem (2019)
TrES-3b	2457585.914587 ± 0.000022 1.306186348 ± 0.000000035	O'Donovan et al. (2007), Sozzetti et al. (2009), Gibson et al. (2009), Colón et al. (2010), Christiansen et al. (2011), Kundurthy et al. (2013), Turner et al. (2013), Parviainen et al. (2016), Stefansson et al. (2017), Püsküllü et al. (2017), Mannaday et al. (2020), Saha et al. (2021)
TrES-4b	2457482.75059 ± 0.00025 3.55392889 ± 0.00000044	Mandushev et al. (2007), Chan et al. (2011)
TrES-5b	2457011.470352 ± 0.000077 1.482246865 ± 0.000000093	Mandushev et al. (2011), Mislis et al. (2015), Sokov et al. (2018)
WASP-100b	2458853.880674 ± 0.000049 2.84938224 ± 0.00000037	Hellier et al. (2014)
WASP-101b	2458387.832522 ± 0.000086 3.58570700 ± 0.00000026	Hellier et al. (2014)
WASP-103b	2457308.324538 ± 0.000030 0.925545386 ± 0.000000056	Gillon et al. (2014), Southworth et al. (2015b), Lendl et al. (2017a), Turner et al. (2017), Maciejewski et al. (2018), Delrez et al. (2018), Patra et al. (2020), Kirk et al. (2021)
WASP-104b	2457938.581063 ± 0.000024 1.75540576 ± 0.00000013	Smith et al. (2014), Wang et al. (2021)
WASP-105b	2457607.807454 ± 0.000048 7.87289166 ± 0.00000038	Anderson et al. (2017)
WASP-106b	2457652.83877 ± 0.00018 9.2897057 ± 0.0000013	Smith et al. (2014)
WASP-107b	2457515.672118 ± 0.000075 5.72148926 ± 0.00000085	Anderson et al. (2017)
WASP-10b	2456253.700518 ± 0.000082 3.09272813 ± 0.00000017	Christian et al. (2009), Dittmann et al. (2010), Maciejewski et al. (2011b), Maciejewski et al. (2011c), Barros et al. (2013), Sada & Ramón-Fox (2016)
WASP-113b	2457224.351204 ± 0.000039 4.54216695 ± 0.00000083	Barros et al. (2016)
WASP-114b	2457522.66047 ± 0.00024 1.54877501 ± 0.00000034	Barros et al. (2016), Patra et al. (2020)
WASP-117b	2458728.334175 ± 0.000068 10.0205933 ± 0.0000029	Lendl et al. (2014), Mallonn et al. (2019b), Anisman et al. (2020)
WASP-118b	2457888.34009 ± 0.00021 4.04605063 ± 0.00000094	Hay et al. (2016)
WASP-119b	2458834.869823 ± 0.000066 2.49980447 ± 0.00000043	Maciejewski (2020)
WASP-11b	2456646.984352 ± 0.000076 3.72247919 ± 0.00000018	West et al. (2009a), Sada et al. (2012), Wang et al. (2014b), Mancini et al. (2015b)
WASP-120b	2458538.12330 ± 0.00018 3.61126721 ± 0.00000078	Turner et al. (2016b)

WASP-121b	2458661.563783 ± 0.000030 1.274924762 ± 0.000000046	Delrez et al. (2016), Tsiaras et al. (2018), Evans et al. (2018), Bourrier et al. (2020)
WASP-123b	2458735.97535 ± 0.00010 2.97764359 ± 0.00000052	Turner et al. (2016b)
WASP-124b	2457433.302137 ± 0.000068 3.37264959 ± 0.00000027	Maxted et al. (2016)
WASP-126b	2458827.416215 ± 0.000057 3.28878703 ± 0.00000044	Maxted et al. (2016)
WASP-127b	2458385.175527 ± 0.000091 4.17806513 ± 0.00000057	Lam et al. (2017), Palle et al. (2017), Chen et al. (2018), Skaf et al. (2020)
WASP-129b	2457745.95505 ± 0.00012 5.74813571 ± 0.00000078	Maxted et al. (2016)
WASP-12b	2457036.706177 ± 0.000055 1.091419179 ± 0.000000043	Hebb et al. (2009), Maciejewski et al. (2011a), Chan et al. (2011), Haswell et al. (2012), Maciejewski et al. (2013a), Sing et al. (2013), Stevenson et al. (2014), Kreidberg et al. (2015), Maciejewski et al. (2016a), Collins et al. (2017), Patra et al. (2017), Maciejewski et al. (2018), Yee et al. (2020)
WASP-130b	2457937.62925 ± 0.00022 11.5509711 ± 0.0000021	Hellier et al. (2017)
WASP-131b	2458117.27707 ± 0.00026 5.3220120 ± 0.0000017	Hellier et al. (2017)
WASP-132b	2458809.72813 ± 0.00020 7.1335130 ± 0.0000017	Hellier et al. (2017)
WASP-133b	2457338.98344 ± 0.00014 2.17642380 ± 0.00000047	Maxted et al. (2016)
WASP-135b	2459046.94408 ± 0.00019 1.40137864 ± 0.00000039	Spake et al. (2016)
WASP-136b	2459113.38589 ± 0.00042 5.2153545 ± 0.0000036	Lam et al. (2017)
WASP-138b	2458257.03694 ± 0.00036 3.6344327 ± 0.0000015	Lam et al. (2017)
WASP-139b	2458363.87460 ± 0.00021 5.9242672 ± 0.0000015	Hellier et al. (2017)
WASP-13b	2457077.30360 ± 0.00028 4.35301101 ± 0.00000066	Skillen et al. (2009), Barros et al. (2012)
WASP-140b	2458533.440604 ± 0.000072 2.23598448 ± 0.00000025	Hellier et al. (2017)
WASP-141b	2458026.03877 ± 0.00025 3.31066699 ± 0.00000080	Hellier et al. (2017)
WASP-142b	2458032.16110 ± 0.00029 2.05287050 ± 0.00000055	Hellier et al. (2017)
WASP-144b	2457740.52399 ± 0.00013 2.27831337 ± 0.00000032	Hellier et al. (2019a)
WASP-145Ab	2458429.22423 ± 0.00013 1.76903814 ± 0.00000022	Hellier et al. (2019a)
WASP-147b	2458684.46059 ± 0.00059 4.6027440 ± 0.0000028	Lendl et al. (2019)
WASP-14b	2455798.61781 ± 0.00013 2.24376639 ± 0.00000023	Joshi et al. (2009), Johnson et al. (2009a), Blecic et al. (2013), Wong et al. (2015), Raetz et al. (2015)
WASP-151b	2458058.35164 ± 0.00014 4.5334682 ± 0.0000011	
WASP-153b	2458914.62179 ± 0.00041 3.3326083 ± 0.0000016	Demangeon et al. (2018)

WASP-156b	2459058.61134 ± 0.00014 3.83616488 ± 0.00000097	Demangeon et al. (2018)
WASP-157b	2457846.594001 ± 0.000036 3.95161588 ± 0.00000030	
WASP-158b	2458362.15514 ± 0.00054 3.6563308 ± 0.0000022	Hellier et al. (2019a)
WASP-159b	2458724.20161 ± 0.00066 3.8404213 ± 0.0000037	Hellier et al. (2019a)
WASP-15b	2456310.66382 ± 0.00016 3.75209956 ± 0.00000053	West et al. (2009b), Southworth et al. (2013)
WASP-160Bb	2458397.38023 ± 0.00021 3.76849254 ± 0.00000079	Lendl et al. (2019)
WASP-161b	2458940.91459 ± 0.00015 5.4056202 ± 0.0000012	Barkaoui et al. (2019)
WASP-162b	2458288.48694 ± 0.00027 9.6246647 ± 0.0000035	Hellier et al. (2019a)
WASP-164b	2458424.74756 ± 0.00017 1.77713687 ± 0.00000029	Lendl et al. (2019)
WASP-165b	2458425.98540 ± 0.00079 3.4655064 ± 0.0000035	Lendl et al. (2019)
WASP-166b	2458704.04579 ± 0.00031 5.4435423 ± 0.0000031	Hellier et al. (2019b)
WASP-167b	2458117.02169 ± 0.00019 2.02195933 ± 0.00000033	Temple et al. (2017)
WASP-168b	2458737.08435 ± 0.00031 4.1536573 ± 0.0000015	Hellier et al. (2019a)
WASP-169b	2458763.18829 ± 0.00059 5.6114206 ± 0.0000045	Nielsen et al. (2019)
WASP-16b	2456355.79653 ± 0.00013 3.11860349 ± 0.00000027	Lister et al. (2009), Southworth et al. (2013)
WASP-170b	2458571.47948 ± 0.00015 2.34477786 ± 0.00000049	Barkaoui et al. (2019)
WASP-172b	2458856.24722 ± 0.00020 5.4774317 ± 0.0000011	Hellier et al. (2019a)
WASP-173Ab	2458504.954280 ± 0.000097 1.38665333 ± 0.00000023	Hellier et al. (2019a)
WASP-174b	2458503.18970 ± 0.00018 4.2336995 ± 0.0000018	Temple et al. (2018), Mancini et al. (2020)
WASP-175b	2457744.58740 ± 0.00027 3.06529495 ± 0.00000087	Nielsen et al. (2019)
WASP-177b	2458584.14248 ± 0.00017 3.07172019 ± 0.00000069	Turner et al. (2019)
WASP-17b	2457569.98347 ± 0.00012 3.73548545 ± 0.00000026	Anderson et al. (2010), Southworth et al. (2012c), Sedaghati et al. (2016)
WASP-180Ab	2458206.519399 ± 0.000049 3.40926460 ± 0.00000025	Temple et al. (2019a)
WASP-181b	2458741.95975 ± 0.00012 4.51949982 ± 0.00000060	Turner et al. (2019)
WASP-183b	2459465.56094 ± 0.00025 4.1117634 ± 0.0000051	Turner et al. (2019)
WASP-186b	2458911.37522 ± 0.00034 5.0267952 ± 0.0000014	Schanche et al. (2020)

WASP-18b	2458501.324483 ± 0.000019 0.941452417 ± 0.000000019	Hellier et al. (2009a), Maxted et al. (2013b), Wilkins et al. (2017)
WASP-190b	2458507.67090 ± 0.00033 5.3677675 ± 0.0000025	Temple et al. (2019b)
WASP-192b	2459079.13701 ± 0.00038 2.8786676 ± 0.0000016	Hellier et al. (2019c)
WASP-19b	2456885.482836 ± 0.000037 0.788839092 ± 0.000000024	Hebb et al. (2010), Lendl et al. (2013), Bean et al. (2013), Tregloan-Reed et al. (2013), Huitson et al. (2013), Mancini et al. (2013a), Espinoza et al. (2019a)
WASP-1b	2456031.78981 ± 0.00020 2.51994701 ± 0.00000030	Charbonneau et al. (2007), Collier Cameron et al. (2007), Shporer et al. (2007), Granata et al. (2014), Turner et al. (2016a)
WASP-20b	2458087.08446 ± 0.00013 4.89964477 ± 0.00000051	Anderson et al. (2015a)
WASP-21b	2457738.54027 ± 0.00017 4.32250416 ± 0.00000080	Bouchy et al. (2010), Ciceri et al. (2013), Seeliger et al. (2015), Chen et al. (2020), Alderson et al. (2020)
WASP-22b	2456850.43601 ± 0.00015 3.53272912 ± 0.00000045	Southworth et al. (2016)
WASP-23b	2457301.723609 ± 0.000077 2.94442730 ± 0.00000014	Triaud et al. (2011), Nikolov et al. (2013)
WASP-24b	2455596.44876 ± 0.00018 2.34122050 ± 0.00000032	Street et al. (2010), Turner et al. (2017), Wang et al. (2021)
WASP-25b	2457744.72776 ± 0.00017 3.76483342 ± 0.00000037	Enoch et al. (2011a)
WASP-26b	2457309.62113 ± 0.00025 2.75659747 ± 0.00000046	Smalley et al. (2010), Southworth et al. (2014)
WASP-28b	2457618.64044 ± 0.00014 3.40883502 ± 0.00000050	Anderson et al. (2015a), Petrucci et al. (2015), Maciejewski et al. (2016b), Wang et al. (2021)
WASP-29b	2457866.07613 ± 0.00011 3.92271183 ± 0.00000031	Dragomir et al. (2011), Gibson et al. (2013a)
WASP-2b	2455229.043082 ± 0.000075 2.15222216 ± 0.00000013	Charbonneau et al. (2007), Southworth et al. (2010), Becker et al. (2013), Addison et al. (2019)
WASP-31b	2457277.09226 ± 0.00012 3.40588750 ± 0.00000027	Anderson et al. (2011a), Dragomir et al. (2011), Sing et al. (2015)
WASP-32b	2457679.41111 ± 0.00023 2.71866201 ± 0.00000040	Maxted et al. (2010b), Sada et al. (2012), Sun et al. (2015)
WASP-34b	2458654.36450 ± 0.00013 4.31768411 ± 0.00000054	Smalley et al. (2011)
WASP-35b	2458120.804421 ± 0.000068 3.16156853 ± 0.00000017	Enoch et al. (2011b)
WASP-36b	2456848.926095 ± 0.000056 1.537365595 ± 0.000000094	Smith et al. (2012), Turner et al. (2016a), Mancini et al. (2016b), Wang et al. (2021)
WASP-37b	2458021.72946 ± 0.00018 3.57747894 ± 0.00000043	Simpson et al. (2011), Mallonn et al. (2019b), Wang et al. (2021)
WASP-38b	2456992.0459 ± 0.0010 6.8718851 ± 0.0000043	Barros et al. (2011), Wang et al. (2021)
WASP-39b	2456888.031364 ± 0.000080 4.05528043 ± 0.00000032	Faedi et al. (2011), Barstow et al. (2017), Kirk et al. (2019)
WASP-3b	2456598.295066 ± 0.000075 1.846835096 ± 0.000000074	Gibson et al. (2008), Pollacco et al. (2008), Tripathi et al. (2010), Maciejewski et al. (2010), Christiansen et al. (2011), Eibe et al. (2012), Montalto et al. (2012), Sada et al. (2012), Nascimbeni et al. (2013b), Maciejewski et al. (2013b)
WASP-41b	2457077.229441 ± 0.000071 3.05240175 ± 0.00000018	Maxted et al. (2011), Neveu-VanMalle et al. (2016), Southworth et al. (2016)

WASP-42b	2456821.262602 ± 0.000072 4.98168160 ± 0.00000036	Lendl et al. (2012), Southworth et al. (2016)
WASP-43b	2457202.184881 ± 0.000031 0.813474056 ± 0.000000021	Hellier et al. (2011), Gillon et al. (2012), Chen et al. (2014), Murgas et al. (2014), Jiang et al. (2016), Hoyer et al. (2016), Esposito et al. (2017), Sun et al. (2018), Weaver et al. (2020), Wang et al. (2021)
WASP-44b	2456338.45823 ± 0.00011 2.42381127 ± 0.00000021	Anderson et al. (2012), Mancini et al. (2013c), Turner et al. (2016a), Moyano et al. (2017), Addison et al. (2019)
WASP-45b	2458536.08601 ± 0.00023 3.12607728 ± 0.00000071	Anderson et al. (2012), Addison et al. (2019)
WASP-46b	2457715.24083 ± 0.00012 1.43037192 ± 0.00000012	Anderson et al. (2012), Moyano et al. (2017), Petrucci et al. (2018)
WASP-47b	2457182.61643 ± 0.00015 4.15915035 ± 0.00000063	Hellier et al. (2012)
WASP-48b	2458106.26314 ± 0.00013 2.14363679 ± 0.00000020	Enoch et al. (2011b), Turner et al. (2016a), Murgas et al. (2017)
WASP-49b	2457377.596934 ± 0.000080 2.78173691 ± 0.00000014	Lendl et al. (2012), Lendl et al. (2016)
WASP-4b	2456139.073560 ± 0.000024 1.338231388 ± 0.000000022	Wilson et al. (2008), Gillon et al. (2009b), Southworth et al. (2009), Dragomir et al. (2011), Sanchis-Ojeda et al. (2011), Hoyer et al. (2013), Huitson et al. (2017), Southworth et al. (2019)
WASP-50b	2458567.500626 ± 0.000086 1.95509290 ± 0.00000017	Gillon et al. (2011)
WASP-52b	2456784.057988 ± 0.000068 1.74978117 ± 0.00000016	Hébrard et al. (2013), Kirk et al. (2016), Chen et al. (2017), Mancini et al. (2017), Louden et al. (2017), Bruno et al. (2018b), Öztürk & Erdem (2019), Zellem et al. (2020), Wang et al. (2021)
WASP-53b	2457267.50478 ± 0.00012 3.30984278 ± 0.00000026	Triaud et al. (2017)
WASP-54b	2459163.93328 ± 0.00018 3.69359933 ± 0.00000070	Faedi et al. (2013)
WASP-55b	2457207.132185 ± 0.000080 4.46563013 ± 0.00000042	Southworth et al. (2016)
WASP-56b	2456229.44235 ± 0.00024 4.61705992 ± 0.00000099	Faedi et al. (2013), Wang et al. (2021)
WASP-57b	2456410.57496 ± 0.00012 2.83891800 ± 0.00000049	Faedi et al. (2013), Southworth et al. (2015a)
WASP-58b	2458986.98151 ± 0.00015 5.0172133 ± 0.0000011	Hébrard et al. (2013)
WASP-5b	2456228.778748 ± 0.000072 1.628429971 ± 0.000000066	Anderson et al. (2008), Dragomir et al. (2011), Fukui et al. (2011), Hoyer et al. (2012), Moyano et al. (2017)
WASP-60b	2458020.07381 ± 0.00035 4.3050061 ± 0.0000015	Hébrard et al. (2013), Wang et al. (2021)
WASP-61b	2457128.11889 ± 0.00019 3.85589659 ± 0.00000050	Hellier et al. (2012), Brown et al. (2017)
WASP-62b	2458851.099338 ± 0.000027 4.41193868 ± 0.00000024	Hellier et al. (2012), Brown et al. (2017), Skaf et al. (2020)
WASP-63b	2458574.77102 ± 0.00017 4.37808205 ± 0.00000070	Hellier et al. (2012)
WASP-64b	2457133.866164 ± 0.000078 1.573290273 ± 0.000000082	Gillon et al. (2013), Kozłowski et al. (2017)
WASP-65b	2458500.69694 ± 0.00010 2.31142050 ± 0.00000017	Gómez Maqueo Chew et al. (2013), Wang et al. (2021)

WASP-66b	2457477.71072 ± 0.00027 4.08605198 ± 0.00000072	Hellier et al. (2012)
WASP-67b	2456650.35461 ± 0.00013 4.61441644 ± 0.00000069	Hellier et al. (2012), Mancini et al. (2014b), Bruno et al. (2018a)
WASP-68b	2456802.08922 ± 0.00030 5.0843144 ± 0.0000011	Delrez et al. (2014)
WASP-69b	2457269.01322 ± 0.00027 3.86813888 ± 0.00000091	Anderson et al. (2014a), Tsiaras et al. (2018), Murgas et al. (2020)
WASP-6b	2455883.696962 ± 0.000065 3.36100215 ± 0.00000016	Gillon et al. (2009a), Dragomir et al. (2011), Kammer et al. (2015), Nikolov et al. (2015), Tregloan-Reed et al. (2015)
WASP-70Ab	2456319.44793 ± 0.00030 3.71301695 ± 0.00000090	Anderson et al. (2014a)
WASP-71b	2458720.93288 ± 0.00017 2.90368321 ± 0.00000041	Smith et al. (2013)
WASP-72b	2458789.06301 ± 0.00017 2.21674331 ± 0.00000077	Gillon et al. (2013)
WASP-73b	2458462.55487 ± 0.00022 4.0873001 ± 0.0000011	Delrez et al. (2014)
WASP-74b	2457103.325971 ± 0.000085 2.13775367 ± 0.00000047	Hellier et al. (2015), Mancini et al. (2019)
WASP-75b	2457131.671596 ± 0.000069 2.48419760 ± 0.00000027	Gómez Maqueo Chew et al. (2013)
WASP-76b	2459305.914867 ± 0.000058 1.80988043 ± 0.00000027	West et al. (2016), Ehrenreich et al. (2020)
WASP-77Ab	2458693.870688 ± 0.000039 1.360028949 ± 0.000000075	Maxted et al. (2013a), Turner et al. (2016a), Cortés-Zuleta et al. (2020)
WASP-78b	2457966.18625 ± 0.00017 2.17518500 ± 0.00000027	Smalley et al. (2012), Brown et al. (2017)
WASP-79b	2458588.686701 ± 0.000059 3.66239163 ± 0.00000039	Smalley et al. (2012), Skaf et al. (2020)
WASP-7b	2458885.16439 ± 0.00012 4.95464969 ± 0.00000076	Hellier et al. (2009b)
WASP-80b	2456726.717483 ± 0.000044 3.06785251 ± 0.00000018	Triaud et al. (2013), Mancini et al. (2014c), Fukui et al. (2014), Kirk et al. (2018), Wang et al. (2021)
WASP-81b	2457705.94057 ± 0.00023 2.71648416 ± 0.00000040	Triaud et al. (2017)
WASP-82b	2458217.09214 ± 0.00014 2.70578401 ± 0.00000055	West et al. (2016)
WASP-83b	2458046.65664 ± 0.00020 4.97129251 ± 0.00000068	Hellier et al. (2015)
WASP-84b	2456763.422400 ± 0.000092 8.52349665 ± 0.00000087	Anderson et al. (2014a), Anderson et al. (2015b)
WASP-85Ab	2456929.798775 ± 0.000015 2.655674403 ± 0.000000086	Brown et al. (2014), Stefansson et al. (2017)
WASP-87b	2458276.86087 ± 0.00015 1.68279422 ± 0.00000022	Anderson et al. (2014b)
WASP-88b	2458248.26526 ± 0.00021 4.9540032 ± 0.0000013	Delrez et al. (2014), Spyratos et al. (2021)
WASP-89b	2456905.15681 ± 0.00012 3.35641798 ± 0.00000033	Hellier et al. (2015)
WASP-8b	2458301.80945 ± 0.00010 8.15872656 ± 0.00000078	Queloz et al. (2010)

WASP-90b	2457292.95577 ± 0.00026 3.91626370 ± 0.00000074	West et al. (2016)
WASP-91b	2458514.194235 ± 0.000077 2.79857894 ± 0.00000023	Anderson et al. (2017)
WASP-92b	2458201.48562 ± 0.00018 2.17467324 ± 0.00000038	Hay et al. (2016)
WASP-93b	2458262.86240 ± 0.00023 2.73253774 ± 0.00000053	Hay et al. (2016)
WASP-94Ab	2458300.64763 ± 0.00013 3.95020010 ± 0.00000060	Neveu-VanMalle et al. (2014)
WASP-95b	2458553.711158 ± 0.000088 2.18466642 ± 0.00000031	Hellier et al. (2014)
WASP-96b	2457905.61129 ± 0.00012 3.42525674 ± 0.00000039	Hellier et al. (2014), Nikolov et al. (2018), Yip et al. (2021)
WASP-97b	2458554.475352 ± 0.000074 2.07275965 ± 0.00000021	Hellier et al. (2014)
WASP-98b	2457213.296469 ± 0.000069 2.96264191 ± 0.00000023	Hellier et al. (2014), Mancini et al. (2016a), Kozłowski et al. (2017)
WASP-99b	2458807.89860 ± 0.00020 5.7525875 ± 0.0000026	Hellier et al. (2014)
XO-1b	2455787.553228 ± 0.000077 3.94150468 ± 0.00000020	McCullough et al. (2006), Holman et al. (2006), Cáceres et al. (2009), Burke et al. (2010), Deming et al. (2013), Southworth et al. (2018)
XO-2Nb	2457417.57469 ± 0.00013 2.61585982 ± 0.00000017	Burke et al. (2007), Wang et al. (2021)
XO-3b	2457417.98678 ± 0.00013 3.19152449 ± 0.00000020	Hébrard et al. (2008), Winn et al. (2008b), Winn et al. (2009c), Turner et al. (2017)
XO-4b	2456878.47303 ± 0.00023 4.12506679 ± 0.00000048	McCullough et al. (2008), Narita et al. (2010), Todorov et al. (2012), Villanueva et al. (2016)
XO-5b	2456399.47297 ± 0.00026 4.18775631 ± 0.00000049	Burke et al. (2008), Pál et al. (2009), Wang et al. (2021)
XO-6b	2458994.53906 ± 0.00010 3.76499245 ± 0.00000097	Crouzet et al. (2017)
XO-7b	2459111.81975 ± 0.00011 2.8641356 ± 0.0000010	Crouzet et al. (2020)
piMenc	2458820.66245 ± 0.00030 6.2678293 ± 0.0000052	

B. TRANSIT S/N CALCULATION

For a light curve with a standard deviation of std, total observing time of T, individual points with exposure time of t_e, and overheads of t_o, the uncertainty of the relative flux (σ_F) that can be achieved is:

$$\sigma_F = \frac{std}{\sqrt{T/(t_e + t_o)}} \tag{B1}$$

In the case of a transit (assuming it is square), the transit depth (d) is the difference between the out-of-transit relative flux (F_{oot}) and the in-transit relative flux (F_{int}). Hence the uncertainty on the transit depth (σ_d) is:

$$\sigma_d = \sqrt{\sigma_{F_{oot}}^2 + \sigma_{F_{int}}^2} = \sqrt{std^2 \frac{(t_e + t_o)}{T_{oot}} + std^2 \frac{(t_e + t_o)}{T_{int}}} = std\sqrt{(t_e + t_o)\left(\frac{1}{T_{oot}} + \frac{1}{T_{int}}\right)} = std\sqrt{\frac{(t_e + t_o)(T_{oot} + T_{int})}{T_{oot}T_{int}}} \tag{B2}$$

Hence the square-transit S/N is:

$$S/N_{square-transit} = \frac{d}{\sigma_d} = \frac{d}{std}\sqrt{\frac{T_{oot}T_{int}}{(t_e + t_o)(T_{oot} + T_{int})}} \tag{B3}$$

Finally, due to the fact that in reality the transits are not squares and we are also fitting the light curves for extra parameters, there is an additional x-factor to estimate the final transit S/N.

$$S/N_{transit} = xS/N_{square-transit} = x\frac{d}{std}\sqrt{\frac{T_{oot}T_{int}}{(t_e + t_o)(T_{oot} + T_{int})}} \tag{B4}$$

From simulations, which we verified with current ExoClock and TESS observations, the x-factor is equal to 0.85 for linear or airmass de-trending, and 0.65 for quadratic de-trending. We need to note that for linear and airmass de-trending the x-factor is stable regardless of the length of the out-of-transit observations. However, for quadratic de-trending, in order to maintain the x-factor of 0.65, we need to observe one transit duration before and one after the transit, otherwise the x-factor becomes lower. For example, an observation of a three-hours-long transit with one hour of observations before and after, has an x-factor of 0.5 instead of 0.65.

C. TRANSIT S/N PREDICTIONS FOR EXOCLOCK

To predict the transit S/N we need to have a prediction for all the values included in Equation B4. The most uncertain one is *std*, which we predicted from the performance of the current telescopes. Figure 7 (left) shows the std of the current observations made using an R Cousins filter, normalised to one second exposure and to a telescope size of one inch, as a function of the R_C magnitude. We have modelled this behaviour as follows:

$$std_{norm}^{ExoClock} = 0.135 + 10^{-2.99+0.2R} \tag{C5}$$

Hence, the predicted *std* for a light curve obtained by a telescope of diameter D and exposure time of t_e will be:

$$std^{ExoClock} = \frac{std_{norm}^{ExoClock}}{\sqrt{\pi(D/2)^2 t_e}} = \frac{0.135 + 10^{-2.99+0.2R}}{\sqrt{\pi(D/2)^2 t_e}} \tag{C6}$$

and the predicted transit S/N will be:

$$S/N_{transit}^{ExoClock} = x\frac{d\sqrt{\pi(D/2)^2 t_e}}{0.135 + 10^{-2.99+0.2R}}\sqrt{\frac{T_{oot}T_{int}}{(t_e + t_o)(T_{oot} + T_{int})}} \tag{C7}$$

The ExoClock scheduler calculates the minimum telescope size necessary to observe a transit based on the following assumptions:

1. the targeted $S/N_{transit}$ is 6
2. the de-trending model is expected to be the airmass model, hence $x = 0.85$
3. the observation includes one hour before and one hour after the transit, hence $T_{oot} = 7200$ seconds
4. the observation includes the full transit, hence $T_{int} = t_{14}$ in seconds
5. the overheads and the exposure time are equal, hencee $t_e = t_o$

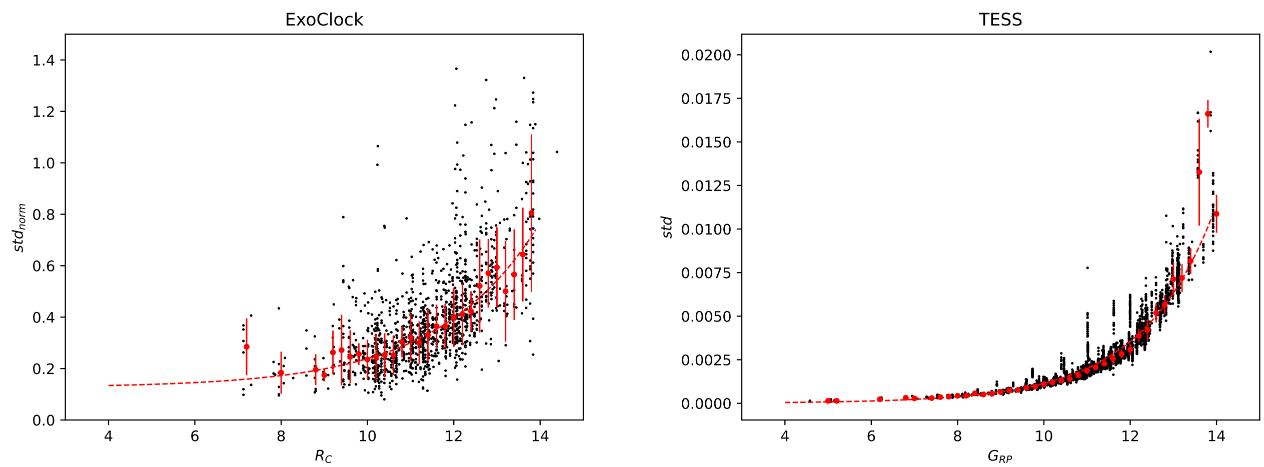

Figure 7. Standard deviation of the light-curves as a function of magnitude, for the ExoClock (left, normalised for an one-inch telescope and one-second exposure) and the TESS (right) light-curves, together with the models derived. The red errorbars indicate the median and standard deviation of the data in bins of 0.2 magnitudes.

Hence, the minimum telescope size is:

$$6 = 0.85\frac{d\sqrt{\pi(D_{min}/2)^2 t_e}}{0.135 + 10^{-2.99+0.2R}}\sqrt{\frac{7200t_{14}}{(t_e + t_e)(7200 + t_{14})}}$$

$$D_{min} = \frac{0.135 + 10^{-2.99+0.2R}}{5.1d}\sqrt{\frac{7200 + t_{14}}{900\pi t_{14}}} \tag{C8}$$

D. TRANSIT S/N PREDICTIONS FOR TESS

As far as the TESS observations are concerned, the calculation is less complicated, as many of the parameters are fixed. The *std* can be predicted from the performance of the telescope. Figure 7 (right) shows the *std* of the current observation, as a function of the G_{RP} magnitude. For TESS, there is no need to normalise to the telescope size and exposure time, as these are fixed. We have modelled this behaviour as follows:

$$std^{TESS} = (0.135 + 10^{-2.43+0.2G_{RP}+0.0039G_{RP}^2}) \times 10^{-3} \tag{D9}$$

Moreover, for TESS the de-trending model is the quadratic (x=0.65), the exposure time is two minutes ($t_e = 120$) overheads are negligible ($t_o = 0$), the observations are continuous, so we can select the out-of-transit observations to be equal to one transit duration before and one transit duration after the transit($T_{oot} = 2t_{14}$ in seconds) and the in-transit observing time is equal to a full transit duration ($T_{int} = t_{14}$ in seconds). Hence, the predicted transit S/N will be:

$$S/N_{transit}^{TESS} = \frac{0.65d\sqrt{t_{14}/90}}{0.135 + 10^{-2.43+0.2G_{RP}+0.0039G_{RP}^2}} \times 10^3 \tag{D10}$$