Object	Star	Star type	Mass ($M_\oplus$)	Radius ($R_\oplus$)	Density (g/cm^3)	Flux ($F_\oplus$)	T_{eq} (K)	Period (days)	Distance (ly)	Refs/Notes
Earth	Sun	G2V	1.00	1.00	5.514	1.00	255	365.25	0	Reported for reference. Only planet known to support life.[3]
Teegarden's Star b	Teegarden's Star	M7V	≥1.05	~1.02	—	1.15	264	4.91	12.5	Radius is estimated[5][6]
TOI-700 d	TOI-700	M2V	~1.72	1.14	—	0.87	246	37.4	101	
Kepler-1649c	Kepler-1649	M5V	~1.20	1.06	—	0.75	237	19.5	301	[7]
TRAPPIST-1d	TRAPPIST-1	M8V	0.39	0.78	3.39	1.12	258	4.05	41	Confirmed to be rocky[8][9]
Luyten b	Luyten's Star	M3V	≥2.89	~1.35	—	1.06	258	18.65	12.3	[10]
LP 890-9 c	LP 890-9	M6V	—	1.37	—	0.91	272	8.46	105	[11]
K2-72e	K2-72	M?V	~2.21	1.29	—	1.30	261	24.2	217	[12]
Gliese 1061 d	Gliese 1061	M5V	≥1.64	~1.16	—	0.69	218	13.0	12	
Gliese 1002 b	Gliese 1002	M5V	≥1.08	~1.03	—	0.67	231	10.3	15.8	[13]
Gliese 1061 c	Gliese 1061	M5V	≥1.74	~1.18	—	1.45	275	6.7	12	
Kepler-296e	Kepler-296	K7V	~2.96	1.52	—	1.00	276	34.1	737	[1][14]
Wolf 1069 b	Wolf 1069	M5V	≥1.26	~1.08	—	0.65	250	15.6	31.2	[15]
TRAPPIST-1e	TRAPPIST-1	M8V	0.69	0.92	5.65	0.65	230	6.1	41	Confirmed to be rocky[8][9]
Proxima Centauri b	Proxima Centauri	M5V	≥1.27	~1.30	—	0.70	228	11.186	4.25	Affected by solar flare, possibly affected by high radiation[16]
Kepler-442b	Kepler-442	K5V	~2.36	1.35	—	0.70	233	112.3	1193	[1]
Kepler-62f	Kepler-62	K2V	~2.8	1.41	—	0.41	204	267.3	981	[1][17]
TRAPPIST-1f	TRAPPIST-1	M8V	1.04	1.04	3.3±0.9	0.37	200	9.2	41	Confirmed to be rocky[8][9]
Teegarden's Star c	Teegarden's Star	M7V	≥1.11	~1.04	—	0.37	199	11.4	12.5	[5]
Kepler-1229b	Kepler-1229	M?V	~2.54	1.40	—	0.32	213	86.8	865	[1]
Kepler-186f	Kepler-186	M1V	~1.71	1.17	—	0.29	188	129.9	579	[1]
TRAPPIST-1g	TRAPPIST-1	M8V	1.32	1.13	4.186	0.25	182	12.4	41	Confirmed to be rocky[8][9]
Gliese 1002 c	Gliese 1002	M5V	≥1.36	~0.12	—	0.26	182	21.2	15.8	[13]
Kepler-452b	Kepler-452	G2V	~5	1.63	—	1.11	261	384.8	1799	Not confirmed[1][18][19][20][21]
Kepler-62e	Kepler-62	K2V	~4.5	1.61	—	1.15	264	122.4	981	[1][22]
Kepler-1652b	Kepler-1652	M?V	—	1.60	—	0.84	244	38.1	822	
Wolf 1061c	Wolf 1061	M3V	≥3.41	~1.60	—	1.30	271	17.9	13.8	[1]
Kepler-1410b	Kepler-1410	K?V	—	1.78	—	1.07	274	60.9	1196	
Gliese 667 Cc	Gliese 667 C	M1V	≥3.81	~1.54	—	0.88	277	28.1	23.62	[23][1]
Kepler-1544 b	Kepler-1544	K2V	—	1.78	—	0.84	248	168.8	1092	[1]
Kepler-283c	Kepler-283	K5V	—	1.82	—	0.89	248	92.7	1526	[1]
Ross 508 b	Ross 508	M4V	≥4.00	—	—	1.32		10.8	37	[24]
Kepler-1638b	Kepler-1638	G4V	—	1.87	—	1.39	276	259.3	4973	[25]
Ross 128 b	Ross 128	M4V	≥1.40	~1.80	—	1.48	280	9.87	11.0	[26]
Kepler-440b	Kepler-440	K6V	—	1.91	—	1.44	273	101.1	981	[1]
Gliese 433 d	Gliese 433	M2V	≥5.22	—	—	1.06		36.1	29.6	[1]
Kepler-1653b	Kepler-1653	K?V	—	2.17	—	1.04	258	140.3	2461	
Kepler-705b	Kepler-705	M?V	—	2.11	—	0.77	243	56.1	903	
K2-332b	K2-332	M?V	—	2.20	—	1.17		17.7	402	[1]
Kepler-155c	Kepler-155	M0V	—	2.24	—	1.05		52.7	957	[1]
TOI-2257 b	TOI-2257	M3V	—	2.20	—	0.74		35.2	188	Highly eccentric[1][27]
Kepler-443b	Kepler-443	K3V	—	2.35	—	0.89	247	177.7	2615	[1]
Kepler-22b	Kepler-22	G5V	—	2.38	—	1.10	261	289.9	635	[1][28]
Kepler-1701b	Kepler-1701	K?V	—	2.22	—	1.42	275	169.1	1904	[1][29]
Kepler-1606b	Kepler-1606	G?V	—	2.07	—	1.64	277	196.4	2710	[30]
K2-9b	K2-9	M2V	—	2.25	—	1.45	279	18.4	270	[1][31]
Gliese 180 c	Gliese 180	M2V	≥6.40	—	—	0.78	239	24.3	39	Not confirmed[1][32]
Gliese 163 c	Gliese 163	M3V	≥6.80	—	—	1.25	277	25.6	49	[1]
Kepler-1540b	Kepler-1540	K?V	—	2.49	—	0.78	250	125.4	799	
Kepler-174d	Kepler-174	K3V	—	2.19	—	0.59	206	247.4	1254	[1]
HD 40307 g	HD 40307	K2V	≥7.09	—	—	0.67	226	197.8	42	Not confirmed[1][33]
Kepler-296f	Kepler-296	K7V	—	1.80	—	0.44	225	63.3	737	[1][34]
HIP 38594 b	HIP 38594	M0V	≥8.10	—	—	1.34		60.7	58	[1]
K2-288Bb	K2-288 B	M3V	—	1.91	—	0.44	207	31.4	214	
HD 216520 c	HD 216520	K0V	≥9.44	—	—	1.28		154.4	64	[1]
Gliese 3293 d	Gliese 3293	M2V	≥7.60	—	—	0.59	223	48.1	66	[1]
LHS 1140 b	LHS 1140	M4V	6.38	1.64	$7.82^{+0.98}_{-0.88}$	0.36	214	24.7	49	Confirmed to be rocky[35][36]
Gliese 357 d	Gliese 357	M2V	≥6.10	—	—	0.38	200	55.7	31	
Gliese 229 Ac	Gliese 229 A	M1V	≥8.57	—	—	0.44	216	121.9	18.8	
Gliese 514 b	Gliese 514	M1V	≥5.20	—	—	0.27	202	140.4	25	Highly eccentric[37]
Gliese 180 d	Gliese 180	M2V	≥7.56	—	—	0.26		106.3	39	[1]
Gliese 625 b	Gliese 625	M2V	≥2.82	—	—			14.628	21.1	Only in HZ if very optimistic models used[38][39][40]
L 98-59 f	L 98-59	M3V	≥2.46	—	—	>1	~280	23.15	34.6	Unconfirmed candidate[41]