# 48" Schedule for January 2019 (as of 26 Mar 2019)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	FILT
Jan 1 Tue	0.13	KEPcam	Bieryla R	Bieryla TESS/K2	KEP NEW YEAR'S DAY
Jan 2 Wed	0.07	TI I	п	II	"
Jan 3 Thu	0.03	TI I	п	II	"
Jan 4 Fri	0.01	TI I	п	II	"
Jan 5 Sat	0.00	TI I	п	II	"
Jan 6 Sun	0.01	TI I	п	II	"
Jan 7 Mon	0.04	TI I	Falco	II	"
Jan 8 Tue	0.09	"	"	"	"
Jan 9 Wed	0.15	TI I	Bieryla R	Bieryla HOP	"
Jan 10 Thu	0.22	"	Holman R	Holman WASP-12b	"
Jan 11 Fri	0.30	"	Bieryla R	Bieryla TESS/K2	"
Jan 12 Sat	0.40	"	"	"	"
Jan 13 Sun	0.49	"	"	"	"
Jan 14 Mon	0.59	"	"	"	"
Jan 15 Tue	0.70	"	"	"	"
Jan 16 Wed	0.79	"	Bieryla R	Bieryla HOP	"
Jan 17 Thu	0.88	"	Bieryla R	Bieryla TESS/K2	"
Jan 18 Fri	0.94	"	"	"	"
Jan 19 Sat	0.99	"	"	"	"
Jan 20 Sun	1.00	"	"	"	"
Jan 21 Mon	0.98	"	"	"	" MLK DAY
Jan 22 Tue	0.93	"	Holman R	Holman WASP-12b	"
Jan 23 Wed	0.86	"	Bieryla R	Bieryla TESS/K2	"
Jan 24 Thu	0.77	"	"	TI CONTRACTOR OF CONTRACTOR OFICA OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFI	"
Jan 25 Fri	0.66	"	"	TI CONTRACTOR OF CONTRACTOR OFICA OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFI	"
Jan 26 Sat	0.56	"	"	TI CONTRACTOR OF CONTRACTOR OFICA OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFI	"
Jan 27 Sun	0.45	"	"	TI CONTRACTOR OF CONTRACTOR OFICA OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFI	"
Jan 28 Mon	0.35	II	"	II .	"
Jan 29 Tue	0.26	II	Zezas R	Ashby SFRS/Ha	KEP/Ha
Jan 30 Wed	0.18	"	TT I I I I I I I I I I I I I I I I I I	п	"
Jan 31 Thu	0.11	II.	п	TT	Π

\*\* MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT \*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

Observers are required to spend no more than 20% of their time doing the following service observing: MacLeod (CLQ monitoring), Blanchard (SLSNe, TDE TOO), Falco (lens monitoring), Hosseinzadeh (GW events), Benbow (Blazars).

NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.

# 48" Schedule for February 2019 (as of 26 Mar 2019)

January February March April Programs PDF Schedules

DATE	MOON	INST	OBSERVER	PI AND PROGRAM	FILT	
Feb 1 Fri	0.06	KEPcam	Bieryla R	Bieryla TESS/K2	KEP	
Feb 2 Sat	0.02	"	Holman R	Holman WASP-12b	"	
Feb 3 Sun	0.00	"	Bieryla R	Bieryla TESS/K2	"	
Feb 4 Mon	0.00	"	"	"	"	
Feb 5 Tue	0.02	"	п	TI CONTRACTOR OF CONTRACTOR OFICA OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFICON OFI	"	
Feb 6 Wed	0.05	"	"	TT I I I I I I I I I I I I I I I I I I	"	
Feb 7 Thu	0.10	"	"	TT I I I I I I I I I I I I I I I I I I	"	
Feb 8 Fri	0.16	"	"	TT I I I I I I I I I I I I I I I I I I	"	
Feb 9 Sat	0.24	"	Bieryla R	Bieryla HOP	"	
Feb 10 Sun	0.33	"	Bieryla R	Bieryla TESS/K2	"	
Feb 11 Mon	0.43	11	"	"	"	
Feb 12 Tue	0.53	"	Zezas R	Ashby SFRS/Ha	KEP/Ha	
Feb 13 Wed	0.64	"	"	TT -	"	
Feb 14 Thu	0.74	"	"	TT	"	
Feb 15 Fri	0.84	"	Bieryla R	Bieryla TESS/K2	KEP	
Feb 16 Sat	0.92	"	"	TT	"	
Feb 17 Sun	0.97	"	"	TT	"	
Feb 18 Mon	1.00	"	"	TT	"	PRESIDENT'S DAY
Feb 19 Tue	0.99	"	Bieryla R	Bieryla HOP	"	
Feb 20 Wed	0.96	"	Bieryla R	Bieryla TESS/K2	"	
Feb 21 Thu	0.89	"	п	TI CONTRACTOR OF CONTRACTOR OFICATOR OFICATOR OFICON OFICONO OFICIA OFICON OFICON OFICON OFICON OFIC	"	
Feb 22 Fri	0.81	"	"	TT	"	
Feb 23 Sat	0.72	"	п	TI CONTRACTOR OF CONTRACTOR OFICATOR OFICATOR OFICON OFICONO OFICIA OFICON OFICON OFICON OFICON OFIC	"	
Feb 24 Sun	0.61	"	Zezas R	Ashby SFRS/Ha	KEP/Ha	
Feb 25 Mon	0.51	"	Holman R	Holman WASP-12b	KEP	
Feb 26 Tue	0.41	"	Bieryla R	Bieryla TESS/K2	"	
Feb 27 Wed	0.32	"	"	TT TT	II	
Feb 28 Thu	0.23	"	n	II.	"	

\*\* MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT \*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

Observers are required to spend no more than 20% of their time doing the following service observing: MacLeod (CLQ monitoring), Blanchard (SLSNe, TDE TOO), Falco (lens monitoring), Hosseinzadeh (GW events), Benbow (Blazars).

NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.

# 48" Schedule for March 2019 (as of 26 Mar 2019)

January February March April Programs PDF Schedules

Mar1Fri0.16KEPcamZezas RAshby SFRS/HaKEP/HaMar2Sat0.10""""Mar3Sun0.05""""Mar4Mon0.02"Bieryla RBieryla TESS/K2KEPMar5Tue0.00""""Mar6Wed0.01""""Mar6Wed0.01""""Mar7Thu0.03""""Mar9Sat0.12"Molman RHolman WASP-12b"Mar10Sun0.19"Zezas RAshby SFRS/HaKEP/HaMar11Mon0.27""""Mar12Tue0.37""""Mar13Wed0.48""""Mar14Thu0.59""""Mar15Fri0.70"Bieryla RBieryla TESS/K2KEPMar16Sat0.80""""Mar16Sat0.80""""Mar17Sun0.99"Bieryla RBieryla RD"Mar160.99"Bieryla RBieryla RD""Mar190.93" <t< th=""><th>DATE</th><th>MOON I</th><th>INST</th><th>OBSERVER</th><th>PI AND PROGRAM</th><th>FILT</th></t<>	DATE	MOON I	INST	OBSERVER	PI AND PROGRAM	FILT
Mar   3 Sun   0.00   "   "   "     Mar   4 Mon   0.02   "   Bieryla R   Bieryla TESS/K2   KEP     Mar   5 Tue   0.00   "   "   "   "     Mar   6 Wed   0.01   "   "   "   "     Mar   7 Thu   0.03   "   "   "   "   "     Mar   8 Fri   0.06   "   "   "   "   "   "     Mar   10 Sun   0.19   "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar 11 Mon   0.27   "   "   "   "   "     Mar 13 Wed   0.48   "   "   "   "   "     Mar 14 Thu   0.59   "   "   "   "   "     Mar 15 Fri <td>Mar 1 Fri</td> <td>0.16 K</td> <td>KEPcam</td> <td>Zezas R</td> <td>Ashby SFRS/Ha</td> <td>KEP/Ha</td>	Mar 1 Fri	0.16 K	KEPcam	Zezas R	Ashby SFRS/Ha	KEP/Ha
Mar   4   Mon   0.02   "   Bieryla R   Bieryla TESS/K2   KEP     Mar   5   Tue   0.00   "   "   "   "     Mar   6   Wed   0.01   "   "   "   "   "     Mar   6   Wed   0.01   "   "   "   "   "     Mar   6   Wed   0.01   "   "   "   "   "     Mar   7   Thu   0.03   "   "   "   "   "     Mar   9   Sat   0.12   "   Holman R   Holman WASP-12b   "     Mar   10   Sun   0.19   "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar   11   Mon   0.27   "   "   "   "     Mar   13   Wed   0.48   "   "   "   "     Mar   13   Wed   0.48   "   "   "   "   "     Mar   14   Thu   0.59	Mar 2 Sat	0.10 "	•	"	II	"
Mar   5   Tue   0.00   "   "   "   "     Mar   5   Tue   0.00   "   "   "   "     Mar   6   Wed   0.01   "   "   "   "     Mar   6   Wed   0.01   "   "   "   "     Mar   6   Wed   0.01   "   "   "   "     Mar   8   Fri   0.06   "   "   "   "     Mar   9   Sat   0.12   "   Holman R   Holman WASP-12b   "     Mar   10   Sun   0.19   "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar   11   Mon   0.27   "   "   "   "     Mar 11   Mon   0.27   "   "   "   "   "     Mar 12   Tue   0.37   "   "   "   "   "   "     Mar 13   Mod   0.48   "   "   "   "   "   "	Mar 3 Sun	0.05 "	•	"	II	"
Mar   6   Wed   0.00   "   "   "   "     Mar   6   Wed   0.01   "   "   "   "     Mar   7   Thu   0.03   "   "   "   "     Mar   8   Fri   0.06   "   "   "   "     Mar   9   Sat   0.12   "   Holman R   Holman WASP-12b   "     Mar   10   Sun   0.19   "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar   11   Mon   0.27   "   "   "   "     Mar   12   Tue   0.37   "   "   "   "     Mar   12   Wed   0.48   "   "   "   "     Mar   13   Wed   0.48   "   "   "   "     Mar   14   Thu   0.59   "   "   "   "     Mar   15   Fri   0.70   "   Berger   Berger Astrol00   "     M	Mar 4 Mon	0.02 "	•	Bieryla R	Bieryla TESS/K2	KEP
Mar   7   Thu   0.03   "   "   "   "     Mar   8   Fri   0.06   "   "   "   "     Mar   9   Sat   0.12   "   Holman R   Holman WASP-12b   "     Mar   10   Sun   0.19   "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar   11   Mon   0.27   "   "   "   "     Mar   11   Mon   0.27   "   "   "   "     Mar   11   Mon   0.27   "   "   "   "   "     Mar   14   Mon   0.27   "   "   "   "   "     Mar   13   Wed   0.48   "   "   "   "   "     Mar   14   Thu   0.59   "   "   "   "   "     Mar   15   Fri   0.70   "   Bieryla R   Bieryla TESS/K2   KEP     Mar   19   Ue   0.99   "   <	Mar 5 Tue	0.00 "	•	"	II	"
Mar   8   Fri   0.06   "   "   "   "     Mar   9   Sat   0.12   "   Holman R   Holman WASP-12b   "     Mar   10   Sun   0.19   "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar   11   Mon   0.27   "   "   "   "     Mar   11   Mon   0.27   "   "   "   "     Mar   11   Mon   0.27   "   "   "   "     Mar   12   Tue   0.37   "   "   "   "   "     Mar   13   Wed   0.48   "   "   "   "   "     Mar   14   Thu   0.59   "   "   "   "   "     Mar   16   Sat   0.80   "   "   "   "   "     Mar   16   Sat   0.89   "   "   "   "   Mar   "   Mar   Mar   16   Sat   0.89	Mar 6 Wed	0.01 "	•	"	п	"
Mar   9   Sat   0.12   "Holman R   Holman WASP-12b   "     Mar   10   Sun   0.19   "Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar   11   Mon   0.27   "   "   "   "     Mar   11   Mon   0.27   "   "   "   "     Mar   12   Tue   0.37   "   "   "   "     Mar   14   Thu   0.59   "   "   "   "   "     Mar   16   Sat   0.80   "   "   "   "   "     Mar   16   Sat   0.99   "   Berger   Berger Astro100   "   " <td>Mar 7 Thu</td> <td>0.03 "</td> <td>•</td> <td>"</td> <td>п</td> <td>"</td>	Mar 7 Thu	0.03 "	•	"	п	"
Mar10Sun0.19"Zezas RAshby SFRS/HaKEP/HaMar11Mon0.27""""Mar12Tue0.37""""Mar12Tue0.37""""Mar13Wed0.48""""Mar13Wed0.48""""Mar14Thu0.59""""Mar14Thu0.59""""Mar15Fri0.70"Bieryla RBieryla TESS/K2KEPMar16Sat0.80""""Mar16Sat0.80""""Mar16Sat0.80""""Mar17Sun0.89""""Mar18Mon0.95""""Mar19Tue0.99"BergerBerger Astro100"Mar20Wed1.00"""""Mar21Thu0.97"""""Mar22Fri0.93"Bieryla RBieryla HOP""Mar23Sat0.68""""""Mar25Mon0.68" <td>Mar 8 Fri</td> <td>0.06 "</td> <td>•</td> <td>"</td> <td>п</td> <td>"</td>	Mar 8 Fri	0.06 "	•	"	п	"
Mar 11 Mon   0.27   "   "   "   "     Mar 12 Tue   0.37   "   "   "   "     Mar 13 Wed   0.48   "   "   "   "     Mar 13 Wed   0.48   "   "   "   "     Mar 14 Thu   0.59   "   "   "   "     Mar 15 Fri   0.70   "   Bieryla R   Bieryla TESS/K2   KEP     Mar 16 Sat   0.80   "   "   "   "     Mar 17 Sun   0.89   "   "   "   "     Mar 18 Mon   0.95   "   "   "   "     Mar 19 Tue   0.99   "   Berger   Berger Astro100   "     Mar 20 Wed   1.00   "   "   "   "     Mar 21 Thu   0.97<"	Mar 9 Sat	0.12 "	•	Holman R	Holman WASP-12b	"
Mar 11 Non   0.27   "   "   "   "     Mar 12 Tue   0.37   "   "   "   "   "     Mar 13 Wed   0.48   "   "   "   "   "   "     Mar 14 Thu   0.59   "   "   "   "   "   "     Mar 15 Fri   0.70   "   Bieryla R   Bieryla TESS/K2   KEP     Mar 16 Sat   0.80   "   "   "   "   "     Mar 17 Sun   0.89   "   "   "   "   "     Mar 18 Mon   0.95   "   "   "   "   "     Mar 19 Tue   0.99   "   Berger   Berger Astro100   "   "     Mar 20 Wed   1.00   "   "   "   "   "     Mar 21 Thu   0.97   "   "   "   "   "     Mar 22 Fri   0.93   "   Bieryla R   Bieryla TESS/K2   "   "     Mar 23 Sat   0.86   "   "   "   "   "   "	Mar 10 Sun	0.19 "	1	Zezas R	Ashby SFRS/Ha	KEP/Ha
Mar 12 Tue   0.37     Mar 13 Wed   0.48   "   "   "     Mar 14 Thu   0.59   "   "   "   "     Mar 15 Fri   0.70   "   Bieryla R   Bieryla TESS/K2   KEP     Mar 16 Sat   0.80   "   "   "   "     Mar 17 Sun   0.89   "   "   "   "     Mar 18 Mon   0.95   "   "   "   "     Mar 19 Tue   0.99   "   Berger   Berger Astro100   "     Mar 20 Wed   1.00   "   "   "   "     Mar 21 Thu   0.97   "   "   "   "     Mar 22 Fri   0.93   "   Bieryla R   Bieryla HOP   "     Mar 23 Sat   0.86   "   "   "   "     Mar 24 Sun   0.77   "   "   "   "     Mar 25 Mon   0.68   "   "   "   "     Mar 26   Tue   0.58   "   "   "     Mar 26   0.48   " <td>Mar 11 Mon</td> <td>0.27 "</td> <td>1</td> <td>"</td> <td>п</td> <td></td>	Mar 11 Mon	0.27 "	1	"	п	
Mar13wed0.43Mar14Thu0.59"""""Mar15Fri0.70"Bieryla RBieryla TESS/K2KEPMar16Sat0.80"""""Mar16Sat0.80"""""Mar16Sat0.80"""""Mar16Sat0.89"""""Mar17Sun0.89"""""Mar18Mon0.95"""""Mar19Tue0.99"BergerBerger Astro100"Mar20Wed1.00"""""Mar20Wed1.00"""""Mar21Thu0.97"""""Mar22Fri0.93"Bieryla RBieryla HOP""Mar23Sat0.86"Bieryla RBieryla TESS/K2""Mar24Sun0.77""""""Mar25Mon0.68"""""MarMar26Tue0.58""""""Mar28Thu0.39""	Mar 12 Tue	0.37 "	1	"	п	
Mar 14 Inu   0.39     Mar 15 Fri   0.70   "   Bieryla R   Bieryla TESS/K2   KEP     Mar 16 Sat   0.80   "   "   "   "   "     Mar 16 Sat   0.80   "   "   "   "   "   "     Mar 17 Sun   0.89   "   "   "   "   "   "     Mar 18 Mon   0.95   "   "   "   "   "   "     Mar 19 Tue   0.99   "   Berger   Berger Astro100   "   "     Mar 21 Thu   0.97   "   "   "   "   "     Mar 22 Fri   0.93   "   Bieryla R   Bieryla HOP   "     Mar 23 Sat   0.86   "   Bieryla R   Bieryla TESS/K2   "     Mar 24 Sun   0.77   "   "   "   "     Mar 25 Mon   0.68   "   "   "   "     Mar 26 Tue   0.58   "   "   "   "     Mar 27 Wed   0.48   "   Zezas R   Ashby SFRS/Ha   KEP	Mar 13 Wed	0.48 "	•	"	Π	11
Mar 15 Fill   0.70   Blefyla K   Blefyla K   Blefyla FESS/K2   REF     Mar 16 Sat   0.80   "   "   "   "   "     Mar 16 Sat   0.80   "   "   "   "   "     Mar 17 Sun   0.89   "   "   "   "   "     Mar 18 Mon   0.95   "   "   "   "   "     Mar 19 Tue   0.99   "   Berger   Berger Astro100   "     Mar 20 Wed   1.00   "   "   "   "     Mar 21 Thu   0.97   "   "   "   "     Mar 22 Fri   0.93   "   Bieryla R   Bieryla HOP   "     Mar 23 Sat   0.86   "   Bieryla R   Bieryla TESS/K2   "     Mar 24 Sun   0.77   "   "   "   "   "     Mar 25 Mon   0.68   "   "   "   "   "     Mar 26 Tue   0.58   "   "   "   "   "     Mar 28 Thu   0.39   "   "	Mar 14 Thu	0.59 "	1	"	п	
Mar 17 Sun   0.89   "   "   "   "     Mar 18 Mon   0.95   "   "   "   "     Mar 18 Mon   0.95   "   "   "   "     Mar 19 Tue   0.99   "   Berger   Berger Astro100   "     Mar 20 Wed   1.00   "   "   "   "     Mar 21 Thu   0.97   "   "   "   "     Mar 22 Fri   0.93   "   Bieryla R   Bieryla HOP   "     Mar 23 Sat   0.86   "   Bieryla R   Bieryla TESS/K2   "     Mar 24 Sun   0.77   "   "   "   "     Mar 25 Mon   0.68   "   "   "   "     Mar 26 Tue   0.58   "   "   "   "     Mar 27 Wed   0.48   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar 28 Thu   0.30   "   "   "   "     Mar 29 Fri   0.30   "   "   "   "     Mar 30 Sat   0.22   "   Bieryla R	Mar 15 Fri	0.70 "	•	Bieryla R	Bieryla TESS/K2	KEP
Mar 17 Sun 0.89   "   "   "   "     Mar 18 Mon 0.95 "   "   "   "   "     Mar 19 Tue 0.99 "   Berger   Berger Astro100 "   "     Mar 20 Wed 1.00 "   "   "   "   "     Mar 21 Thu 0.97 "   "   "   "   "     Mar 22 Fri 0.93 "   Bieryla R   Bieryla HOP   "     Mar 23 Sat 0.86 "   Bieryla R   Bieryla TESS/K2   "     Mar 24 Sun 0.77 "   "   "   "     Mar 25 Mon 0.68 "   "   "   "     Mar 26 Tue 0.58 "   "   "   "     Mar 27 Wed 0.48 "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar 28 Thu 0.39 "   "   "   "     Mar 29 Fri 0.30 "   "   "   "     Mar 30 Sat 0.22 "   Bieryla R   Bieryla TESS/K2   KEP	Mar 16 Sat	0.80 "	•	"	Π	11
Mar 19 Tue   0.99   "   Berger   Berger Astro100   "     Mar 20 Wed   1.00   "   "   "   "     Mar 20 Wed   1.00   "   "   "   "     Mar 21 Thu   0.97   "   "   "   "     Mar 22 Fri   0.93   "   Bieryla R   Bieryla HOP   "     Mar 23 Sat   0.86   "   Bieryla R   Bieryla TESS/K2   "     Mar 24 Sun   0.77   "   "   "   "     Mar 25 Mon   0.68   "   "   "   "     Mar 26 Tue   0.58   "   "   "   "     Mar 27 Wed   0.48   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar 28 Thu   0.39   "   "   "   "     Mar 29 Fri   0.30   "   "   "   "     Mar 30 Sat   0.22   "   Bieryla R   Bieryla TESS/K2   KEP	Mar 17 Sun	0.89 "	•	"	Π	11
Mar 19 Fue   0.99   Berger   Berger   Berger   Astronom     Mar 20 Wed   1.00   "   "   "   "     Mar 21 Thu   0.97   "   "   "   "     Mar 22 Fri   0.93   "   Bieryla R   Bieryla HOP   "     Mar 23 Sat   0.86   "   Bieryla R   Bieryla TESS/K2   "     Mar 24 Sun   0.77   "   "   "   "     Mar 25 Mon   0.68   "   "   "   "     Mar 26 Tue   0.58   "   "   "   "     Mar 27 Wed   0.48   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar 28 Thu   0.39   "   "   "     Mar 29 Fri   0.30   "   "   "     Mar 30 Sat   0.22   "   Bieryla R   Bieryla TESS/K2   KEP	Mar 18 Mon	0.95 "	•	"	Π	11
Mar20 wed1.00Mar21 Thu0.97"""Mar22 Fri0.93"Bieryla RBieryla HOP"Mar23 Sat0.86"Bieryla RBieryla TESS/K2"Mar24 Sun0.77""""Mar25 Mon0.68""""Mar26 Tue0.58""""Mar27 Wed0.48"Zezas RAshby SFRS/HaKEP/HaMar28 Thu0.39""""Mar29 Fri0.30""""Mar30 Sat0.22"Bieryla RBieryla TESS/K2KEP	Mar 19 Tue	0.99 "	•	Berger	Berger Astro100	11
Mar21 Fri0.97Mar22 Fri0.93"Mar23 Sat0.86"Bieryla RBieryla TESS/K2"Mar24 Sun0.77"Mar25 Mon0.68"Mar26 Tue0.58"Mar27 Wed0.48"Zezas RAshby SFRS/HaKEP/HaMar28 Thu0.39"Mar29 Fri0.30"Mar30 Sat0.22"Bieryla RBieryla TESS/K2KEP	Mar 20 Wed	1.00 "	•	"	Π	11
Mar 22 Sill   0.93   Bieryla R   Bieryla R   Bieryla ROF     Mar 23 Sat   0.86   Bieryla R   Bieryla ROF   """"""""""""""""""""""""""""""""""""	Mar 21 Thu	0.97 "	1	"	Π	11
Mar 23 Sat   0.300   Blefyla K   Mar   Mar </td <td>Mar 22 Fri</td> <td>0.93 "</td> <td>1</td> <td>Bieryla R</td> <td>Bieryla HOP</td> <td>11</td>	Mar 22 Fri	0.93 "	1	Bieryla R	Bieryla HOP	11
Mar 24 Sun   0.77     Mar 25 Mon   0.68   "   "     Mar 26 Tue   0.58   "   "   "     Mar 27 Wed   0.48   "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar 28 Thu   0.39   "   "   "   "     Mar 29 Fri   0.30   "   "   "   "     Mar 30 Sat   0.22   "   Bieryla R   Bieryla TESS/K2   KEP	Mar 23 Sat	0.86 "	•	Bieryla R	Bieryla TESS/K2	"
Mar 25 Moli   0.08     Mar 26 Tue   0.58   "   "   "     Mar 27 Wed   0.48   "   Zezas R   Ashby SFRS/Ha   KEP/Ha     Mar 28 Thu   0.39   "   "   "   "     Mar 29 Fri   0.30   "   "   "   "     Mar 30 Sat   0.22   "   Bieryla R   Bieryla TESS/K2   KEP	Mar 24 Sun	0.77 "	•	TT I I I I I I I I I I I I I I I I I I	Π	"
Mar 20 Hue0.38Mar 27 Wed0.48"Zezas RAshby SFRS/HaKEP/HaMar 28 Thu0.39""""Mar 29 Fri0.30""""Mar 30 Sat0.22"Bieryla RBieryla TESS/K2KEP	Mar 25 Mon	0.68 "	•	TT I I I I I I I I I I I I I I I I I I	Π	"
Mar 28 Thu   0.39 "   "   "   "     Mar 29 Fri   0.30 "   "   "   "     Mar 30 Sat   0.22 "   Bieryla R   Bieryla TESS/K2   KEP	Mar 26 Tue	0.58 "	,	"	TT	"
Mar 29 Fri   0.30   "   "   "   "     Mar 30 Sat   0.22   "   Bieryla R   Bieryla TESS/K2   KEP	Mar 27 Wed	0.48 "	•	Zezas R	Ashby SFRS/Ha	KEP/Ha
Mar 30 Sat 0.22 "Bieryla R Bieryla TESS/K2 KEP		0.39 "	1	"	"	
	Mar 29 Fri	0.30 "	1	"	п	m
Mar 31 Sun 0.15 "Bieryla R Bieryla TESS/K2 KEP	Mar 30 Sat	0.22 "	1	Bieryla R	Bieryla TESS/K2	KEP
	Mar 31 Sun	0.15 "	•	Bieryla R	Bieryla TESS/K2	KEP

\*\* MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT \*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

Observers are required to spend no more than 20% of their time doing the following service observing: MacLeod (CLQ monitoring), Blanchard (SLSNe, TDE TOO), Falco (lens monitoring), Hosseinzadeh (GW events), Benbow (Blazars).

NOTE: Projects are listed in order of decreasing priority per their TAC grades. Rare TOO targets (GRBs, XRNs) have highest priority.

# 48" Schedule for April 2019 (as of 26 Mar 2019)

January February March April Programs PDF Schedules

DATE		MOON	INST	OBSERVER	PI AND PROGRAM	FILT
Apr 1	Mon	0.09	KEPcam	Bieryla R	Bieryla TESS/K2	KEP
Apr 2	Tue	0.04	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 3	Wed	0.01	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 4	Thu	0.00	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 5	Fri	0.01	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 6	Sat	0.04	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 7	Sun	0.08	"	Zezas R	Ashby SFRS/Ha	KEP/Ha
Apr 8	Mon	0.15	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 9	Tue	0.23	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 10	Wed	0.33	"	Bieryla R	Bieryla TESS/K2	KEP
Apr 11	Thu	0.44	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 12	Fri	0.55	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 13	Sat	0.66	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 14	Sun	0.77	"	Bieryla R	Bieryla HOP	"
Apr 15	Mon	0.86	"	Bieryla R	Bieryla TESS/K2	"
Apr 16	Tue	0.93	"	"	TT	"
Apr 17	Wed	0.98	"	"	TT	"
Apr 18	Thu	1.00	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 19	Fri	0.99	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 20	Sat	0.95	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 21	Sun	0.90	"	"	TT I I I I I I I I I I I I I I I I I I	"
Apr 22	Mon	0.82	"	"	II	"
Apr 23	Tue	0.74	"	"	II	"
Apr 24	Wed	0.65	"	"	II	"
Apr 25	Thu	0.56	"	"	II	"
Apr 26	Fri	0.46	"	"	II	"
Apr 27	Sat	0.37	"	"	Π	"
Apr 28	Sun	0.28	"	"	TT	"
Apr 29	Mon	0.20	"	Falco R	Falco Eng.	"
Apr 30	Tue	0.13	n	"	"	"

\*\* MOON IS FRACTIONAL MOON ILLUMINATION AT MIDDLE OF NIGHT \*\*\*\* DATE IS STANDARD TIME AT START OF NIGHT

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January February March April PDF

#### 48" Allocations January-April 2019

Title

Griffin	Keplercam Follow-up of Gravitational Wave	1	1	1
Hosseinzadeh	Events	-	-	-
Matthew J. Holman	TLC Project: WASP-12b: Orbital Decay or Apsidal Precession?	8	0	4
Allyson Bieryla	Follow-up Observations of TESS Objects of Interests (TOIs) and K2 Planet Candidates	18	8	23
Peter Blanchard	Spectroscopic and Photometric Follow-up of SLSNe and TDEs	5	2	3
Edo Berger	Astro100: Using the FLWO 1.2m Telescope for Undergraduate Education	0	0	3
Chelsea MacLeod	Monitoring of Changing-Look Quasars and Candidates	2	0	1
Allyson Bieryla	Harvard Observing Project (HOP) Follow-up Observations	0	2	4
Matthew Ashby	H-alpha imaging of a representative sample of nearby galaxies	8	7	6
Emilio E. Falco	Photometric monitoring of lensed quasars	2	2	3
Wystan Benbow	Understanding Blazars using Broadband Spectra and Light Curves	4	2	0