

Predictions for Beta Lyrae type Eclipsing Binaries in October 2020

The following predictions are calculated for Central England but should be usable for observers throughout the British Isles.

The format of each prediction is starthour(mideclipse)endhour , with times being given to the nearest hour UT (=GMT). A value greater than 24 indicates a time on a later date (so, for example, 26 indicates 02h UT on the following day) , << indicates that mid eclipse has occurred on an earlier night and >> indicates that mid eclipse is more than 99 hours into the future. D and L are used to indicate where daylight and low altitude prevent part of the eclipse from being observed.

2020 Oct 1 Thu	2020 Oct 2 Fri	2020 Oct 3 Sat
TZ Lyr 00 (02) 03 AW Lac 01 (03) 05D GK Cep 02 (04) 05D XZ Cnc L02 (<<) 02 AD And 03 (05) 05D EG Cep 03 (04) 05D	GK Cep 00 (02) 05 XZ Cnc L02 (02) 05 TZ Lyr 02 (03) 03L AD And 02 (05) 05D HL Aur 03 (04) 05D V836 Cyg 03 (04) 05L AW Lac 04 (07) 05D	DO Cas 01 (02) 04 LY Aur 02 (11) 05D XZ Cnc 02 (05) 05D AD And 02 (05) 05D V548 Cyg 04 (09) 05D
BM Cas D18 (<<) 29D V448 Cyg D18 (11) 26 DO Cas D18 (17) 19 ST Aqr D18 (18) 19 TX Cas D18 (19) 26 SX Aur L19 (20) 23 XZ Cep 19 (31) 29D MN Cas 20 (24) 29 IU Aur 21 (26) 29D BV Tau L22 (21) 23	BM Cas D18 (<<) 29D XZ Cep D18 (07) 19 HL Aur D18 (19) 21 EG Cep D18 (19) 20 V836 Cyg 19 (20) 22 BF Aur L19 (16) 19 TT Aur L19 (18) 21 GO Cyg 22 (23) 25 SX Aur 22 (25) 28 GK Cep 22 (25) 27	BM Cas D18 (<<) 29D DO Cas D18 (19) 20 MN Cas D18 (22) 27 LY Aur L20 (11) 21 IU Aur L20 (21) 26 EG Cep 21 (22) 23 GK Cep 21 (23) 25 TT Aur 22 (26) 29 HL Aur 24 (25) 27 ST Aqr 24 (26) 26L
2020 Oct 4 Sun	2020 Oct 5 Mon	2020 Oct 6 Tue
BF Aur 02 (06) 05D AD And 02 (04) 05D V836 Cyg 02 (04) 05L SX Aur 03 (06) 05D XZ Cnc 05 (07) 05D	GO Cyg 01 (03) 04L AD And 01 (04) 05D DO Cas 02 (04) 05D UW CMA L05 (06) 05D	EG Cep 01 (02) 03 V836 Cyg 01 (03) 04 AD And 01 (04) 05D
BM Cas D18 (<<) 29D TX Cas D18 (17) 24 TZ Lyr D18 (18) 20 V836 Cyg D18 (19) 21 ST Aqr 19 (21) 22 GK Cep 19 (22) 24 EG Cep 23 (24) 25 V548 Cyg 24 (28) 29D	BM Cas D18 (<<) 29D AW Lac D18 (17) 20 DO Cas D18 (20) 22 GK Cep D18 (20) 22 MN Cas D18 (20) 25 BetLyrII D18 (44) 26L GO Cyg 18 (20) 22 TZ Lyr 18 (20) 21 BF Aur L19 (20) 23 IU Aur L20 (17) 21 HL Aur 20 (22) 23	BM Cas D18 (<<) 29D V836 Cyg D18 (18) 20 GK Cep D18 (19) 21 BetLyrII D18 (20) 26L AW Lac D18 (21) 23 V367 Cyg D18 (62) 29L SX Aur L18 (16) 19 V548 Cyg 19 (23) 28 TT Aur L19 (18) 21 TZ Lyr 20 (21) 22 XZ Cep 21 (33) 29D

2020 Oct 7 Wed	2020 Oct 8 Thu	2020 Oct 9 Fri
AD And 01(03)05D LY Aur 02(11)05D HL Aur 02(04)05D EG Cep 03(04)05 DO Cas 03(05)05D	V836 Cyg 00(02)03 AD And 00(03)05D EG Cep 05(06)05D	AD And 00(03)05 AW Lac 01(03)05D IU Aur 03(08)05D DO Cas 04(06)05D UW CMa 05(16)05D
BM Cas D18(<<)29D BetLyrII D18(<<)26L XZ Cep D18(09)21 TX Cas D18(15)22 GK Cep D18(17)19 MN Cas D18(18)23 HL Aur D18(19)20 V448 Cyg D18(23)27L V367 Cyg D18(38)29L SX Aur L18(21)24 DO Cas 20(21)23 LY Aur L20(11)21 TZ Lyr 21(23)24 AW Lac 21(24)27 ST Aqr 22(23)25L GO Cyg 22(24)26 TT Aur 22(26)29	BM Cas D18(<<)25 V367 Cyg D18(14)29L GO Cyg D18(17)19 V836 Cyg D18(17)19 ST Aqr D18(18)20 V548 Cyg D18(19)23 EG Cep D18(19)20 BF Aur 20(23)27 TZ Lyr 23(24)25 SX Aur 23(26)29 HL Aur 23(25)26	V367 Cyg D18(<<)28L 68u Her D18(14)19 MN Cas D18(16)21 EG Cep 20(21)22 DO Cas 21(23)24 V836 Cyg 23(25)26 AD And 24(26)29 TZ Lyr 24(25)26L
2020 Oct 10 Sat	2020 Oct 11 Sun	2020 Oct 12 Mon
GO Cyg 02(03)04L BV Tau 04(06)05D SX Aur 04(07)05D AW Lac 04(07)05D HL Aur 05(07)05D	ST Aqr 01(02)01L XZ Cnc L01(00)02 TZ Lyr 01(03)02L LY Aur 02(12)05D BV Tau 02(04)05D	BV Tau 01(03)05 EG Cep 01(02)03 XZ Cnc L01(02)05 HL Aur 02(03)05 V548 Cyg 05(09)05D
TX Cas D18(14)21 V548 Cyg D18(14)18 TT Aur L19(18)21 GO Cyg 19(21)22 HL Aur 20(21)23 EG Cep 22(23)24 IU Aur 23(27)29D AD And 23(26)28	MN Cas D18(14)19 68u Her D18(15)20 ST Aqr 19(21)23 LY Aur L20(12)21 V836 Cyg 22(24)25 DO Cas 22(24)25 TT Aur 22(26)29 AD And 23(26)28 XZ Cep 23(36)29D BF Aur 24(28)29D	XZ Cep D18(12)24 SX Aur D18(17)20 HL Aur D18(18)20 Beta Lyr D18(33)25L IU Aur L20(23)27 GO Cyg 23(24)26 AD And 23(25)28 BV Tau 23(25)27

2020 Oct 13 Tue	2020 Oct 14 Wed	2020 Oct 15 Thu
XZ Cnc 02 (05) 05D EG Cep 03 (04) 05 TX Cas 05 (12) 05D	V548 Cyg 00 (04) 05D GK Cep 04 (06) 05D UW CMa L04 (01) 05D EG Cep 05 (06) 05D XZ Cnc 05 (08) 05D	SX Aur 00 (03) 05D LY Aur 02 (12) 05D GO Cyg 02 (04) 03L GK Cep 03 (05) 05D BF Aur 04 (07) 05D HL Aur 05 (06) 05D
Beta Lyr D18 (09) 25L TX Cas D18 (12) 19 68u Her D18 (16) 21 AW Lac D18 (17) 20 GO Cyg D18 (18) 19 TZ Lyr D18 (18) 19 BF Aur L18 (17) 21 SX Aur 19 (22) 25 V448 Cyg 20 (36) 27L V836 Cyg 21 (23) 24 BV Tau 21 (23) 26 AD And 22 (25) 27 HL Aur 23 (24) 26 DO Cas 23 (25) 27	V448 Cyg D18 (12) 27L DO Cas D18 (18) 19 EG Cep D18 (19) 20 AW Lac D18 (21) 23 TZ Lyr 18 (19) 21 TT Aur L18 (17) 21 IU Aur L19 (18) 22 BV Tau L21 (22) 24 AD And 22 (25) 27 ST Aqr 22 (24) 25L	68u Her D18 (18) 23 ST Aqr D18 (19) 21 LY Aur L19 (12) 21 HL Aur 19 (21) 22 V548 Cyg 19 (24) 28 TZ Lyr 20 (21) 22 GO Cyg 20 (21) 23 EG Cep 20 (21) 22 V836 Cyg 20 (22) 23 BV Tau L21 (20) 22 AW Lac 21 (24) 27 AD And 22 (24) 27 TT Aur 22 (25) 29
2020 Oct 16 Fri	2020 Oct 17 Sat	2020 Oct 18 Sun
UU Cnc L00 (>>) 05D 367CygII 01 (45) 04L DO Cas 01 (02) 04 GK Cep 01 (03) 05D TX Cas 03 (10) 05D SX Aur 05 (08) 05D	AW Lac 01 (03) 05D HL Aur 01 (03) 04 XZ Cep 02 (14) 05D V836 Cyg 04 (05) 04L MN Cas 04 (08) 05D	EG Cep 00 (01) 02 DO Cas 02 (04) 05 UW CMa L04 (11) 05D AW Lac 04 (07) 05D IU Aur 05 (09) 05D
DO Cas D18 (19) 21 BF Aur D18 (21) 25 367CygII D18 (45) 28L TZ Lyr 21 (22) 24 AD And 21 (24) 26 EG Cep 22 (23) 24 GK Cep 23 (26) 28 UU Cnc L24 (>>) 29D	XZ Cep D18 (14) 26 HL Aur D18 (18) 19 68u Her D18 (19) 23L V548 Cyg D18 (19) 23 367CygII D18 (21) 28L V836 Cyg 19 (21) 22 AD And 21 (24) 26 GK Cep 22 (24) 26 TZ Lyr 22 (24) 25 GO Cyg 23 (25) 27 UU Cnc L24 (>>) 29D	367CygII D18 (<<) 28L GO Cyg D18 (18) 20 SX Aur D18 (18) 21 BetLyrII D18 (42) 25L TT Aur L18 (17) 21 DO Cas 19 (20) 22 ST Aqr 20 (22) 24 GK Cep 20 (23) 25 AD And 21 (23) 26 HL Aur 22 (24) 25 TZ Lyr 24 (25) 26L UU Cnc L24 (>>) 29D

2020 Oct 19 Mon	2020 Oct 20 Tue	2020 Oct 21 Wed
TX Cas 01(08)05D MN Cas 02(06)05D LY Aur 02(12)05D EG Cep 02(03)04 V836 Cyg 03(04)04L	IU Aur 00(04)05D TZ Lyr 01(02)02L GO Cyg 03(05)03L DO Cas 03(05)05D HL Aur 04(06)05D EG Cep 05(06)05D	XZ Cnc L00(00)03 SX Aur 01(04)06D V836 Cyg 02(03)04L V548 Cyg 05(10)06D
367CygII D18(<<)18 V548 Cyg D18(14)19 ST Aqr D18(17)19 BetLyrII D18(18)25L 68u Her D18(20)23L V836 Cyg 18(20)21 GK Cep 19(21)23 LY Aur L19(12)21 SX Aur 20(23)26 AD And 20(23)25 BF Aur 22(25)29 TT Aur 22(25)29 UU Cnc L24(>>)29D	BetLyrII D18(<<)25L EG Cep D18(19)20 GK Cep D18(20)22 V448 Cyg D18(24)26L HL Aur 19(20)22 DO Cas 20(21)23 AD And 20(23)25 GO Cyg 20(22)24 RX Cas 22(>>)30D MN Cas 24(28)30D UU Cnc L24(>>)30D	BF Aur D18(15)19 TZ Lyr D18(16)18 AW Lac D18(17)20 GK Cep D18(18)20 V836 Cyg D18(19)21 68u Her D18(21)23L RX Cas D18(76)30D IU Aur 20(24)28 AD And 20(22)25 EG Cep 20(21)22 ST Aqr 23(25)24L TX Cas 24(31)30D UU Cnc L24(>>)30D
2020 Oct 22 Thu	2020 Oct 23 Fri	2020 Oct 24 Sat
XZ Cnc 00(03)06D HL Aur 01(02)04 XZ Cep 04(16)06D DO Cas 05(06)06D	V836 Cyg 01(02)04L V548 Cyg 01(05)06D BF Aur 02(05)06D LY Aur 02(12)06D XZ Cnc 03(06)06D UW CMA L04(<<)06D BV Tau 05(07)06D	EG Cep 00(01)02 BV Tau 03(05)06D
XZ Cep D18(16)28 GK Cep D18(17)19 HL Aur D18(17)19 TZ Lyr D18(18)19 RX Cas D18(52)30D ST Aqr 18(20)22 TT Aur L18(17)21 AW Lac 18(21)23 AD And 19(22)24 DO Cas 21(23)24 MN Cas 22(26)30D EG Cep 22(23)24 UU Cnc L24(82)30D GO Cyg 24(26)27L	V836 Cyg D18(18)20 GO Cyg D18(19)20 68u Her D18(23)23L RX Cas D18(28)30D TZ Lyr 18(19)21 LY Aur L19(12)21 IU Aur L19(19)24 AD And 19(22)24 AW Lac 21(24)27 HL Aur 22(23)25 TT Aur 22(25)29 UU Cnc L24(58)30D	RX Cas D18(04)30D SX Aur D18(19)22 BF Aur D18(19)23 AD And 19(21)24 TZ Lyr 19(21)22 MN Cas 20(24)29 V548 Cyg 20(24)29 TX Cas 22(29)30D DO Cas 22(24)26 UU Cnc L23(34)30D V836 Cyg 24(25)27

2020 Oct 25 Sun	2020 Oct 26 Mon	2020 Oct 27 Tue
Beta Lyr 00(31)01L AW Lac 01(03)06D BV Tau 01(03)06D EG Cep 02(03)04 HL Aur 04(05)06D	AW Lac 04(07)06D EG Cep 04(05)06D <hr/> RX Cas D18(<<)30D Beta Lyr D18(07)24L ST Aqr D18(17)19 EG Cep D18(18)19 V548 Cyg D18(20)24 V367 Cyg D18(28)27L TT Aur L18(17)21 MN Cas 18(22)27 AD And 18(21)23 V448 Cyg 21(37)26L BV Tau 22(24)26 TZ Lyr 22(23)25 V836 Cyg 23(24)26 UU Cnc L23(<<)30D DO Cas 24(25)27	L Aur 00(02)03 LY Aur 02(12)06D SX Aur 03(06)06D UW CMa L03(05)06D <hr/> V367 Cyg D18(04)27L V448 Cyg D18(13)26L V836 Cyg D18(16)18 HL Aur D18(17)18 DO Cas D18(18)19 XZ Cep D18(19)30D AD And 18(20)23 LY Aur L19(12)21 EG Cep 20(21)22 BF Aur 20(23)27 TX Cas 20(27)30D 68u Her 20(25)23L BV Tau 20(22)25 TT Aur 22(25)29 UU Cnc L23(<<)30D TZ Lyr 24(25)25L
RX Cas D18(<<)30D DO Cas D18(16)18 V836 Cyg D18(17)19 Beta Lyr D18(31)25L V367 Cyg D18(52)27L AD And 18(21)23 HL Aur 19(20)22 IU Aur L19(15)19 68u Her 19(24)23L TZ Lyr 21(22)23 GO Cyg 21(22)24 ST Aqr 21(23)24L SX Aur 22(24)27 UU Cnc L23(10)30D BV Tau 24(26)28		
2020 Oct 28 Wed	2020 Oct 29 Thu	2020 Oct 30 Fri
GO Cyg 00(02)02L V505 Mon 01(>>)06D GK Cep 05(07)06D <hr/> V367 Cyg D18(<<)25 V548 Cyg D18(15)19 AD And D18(20)22 MN Cas D18(20)25 GO Cyg 18(19)21 BV Tau L20(21)23 HL Aur 21(23)24 EG Cep 22(23)24 V836 Cyg 22(23)25 V505 Mon L23(>>)30D UU Cnc L23(<<)30D ST Aqr 24(26)24L	TZ Lyr 01(02)01L DO Cas 01(03)04 IU Aur 02(06)06D GK Cep 04(06)06D <hr/> SX Aur D17(16)19 AW Lac D17(17)20 DO Cas D17(19)21 AD And D17(20)22 ST Aqr 18(20)22 BV Tau L20(19)21 68u Her 21(26)23L V505 Mon L23(>>)30D UU Cnc L23(<<)30D XZ Cnc L24(22)25 EG Cep 24(25)26	GK Cep 02(04)06D HL Aur 03(05)06D <hr/> TZ Lyr D17(16)18 TT Aur D17(17)20 MN Cas D17(18)23 AD And D17(19)22 SX Aur 18(21)24 AW Lac 18(21)23 HL Aur 18(20)21 TX Cas 18(25)30D V836 Cyg 21(22)24 IU Aur 21(25)30 GO Cyg 21(23)25 V505 Mon L23(82)30D UU Cnc L23(<<)30D BF Aur 24(27)30D XZ Cnc L24(25)28

2020 Oct 31 Sat			
GK Cep	01 (03) 05		
EG Cep	02 (03) 04		
LY Aur	02 (12) 06D		
DO Cas	02 (04) 06		
UW CMa	04 (15) 06D		
<hr/>			
GO Cyg	D17 (16) 18		
TZ Lyr	D17 (18) 19		
AD And	D17 (19) 21		
BetLyrII	D17 (41) 24L		
LY Aur	L18 (12) 21		
DO Cas	19 (20) 22		
AW Lac	21 (24) 27		
TT Aur	22 (25) 28		
SX Aur	23 (26) 29		
V505 Mon	L23 (58) 30D		
UU Cnc	L23 (<<) 30D		
GK Cep	23 (25) 27		
HL Aur	24 (25) 27		