

## Predictions for Beta Lyrae type Eclipsing Binaries in March 2008

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.

Note that for Beta Lyrae type variables, there is no period of constant brightness between eclipses, so it is not easy to see when an eclipse starts and ends. The start and end times quoted here assume that the primary eclipse lasts for 20% of the orbital period.

2008 Mar 1 Sat	2008 Mar 2 Sun	2008 Mar 3 Mon
367CygII L01(43)06D XZ Cep 01(14)06D V836 Cyg L02(03)04 DO Cas 03(05)06D GO Cyg 04(05)06D ----- XZ Cep D19(14)26 LY Aur D19(15)24 SX Aur D19(17)20 V836 Cyg D19(19)19L TT Aur D19(19)22 367CygII D19(43)19L V505 Mon D19(>>)25L DO Cas 19(21)23 BF Aur 19(23)27 HL Aur 22(23)25 68u Her L22(25)30D TZ Lyr 23(25)26 HP Lyr L23(<<)30D	MN Cas 01(05)06D V448 Cyg L01(01)06D 367CygII L01(19)06D Beta Lyr 03(34)06D V548 Cyg 06(10)06D ----- AW Lac D19(17)20 367CygII D19(19)19L V505 Mon D19(80)25L UW CMa L19(09)19 SX Aur 19(22)25 HP Lyr L23(<<)30D Beta Lyr L24(34)30D TT Aur 24(27)27L	TZ Lyr 01(02)03 367CygII L01(<<)06D V836 Cyg L02(02)03 HL Aur 04(05)06D DO Cas 04(06)06D ----- 367CygII D19(<<)19L TX Cas D19(15)22 V836 Cyg D19(18)19L XZ Cnc D19(18)20 AW Lac D19(20)23 V505 Mon D19(56)25L HL Aur 19(20)22 DO Cas 21(22)24 68u Her L22(26)30D MN Cas 23(27)30D HP Lyr L23(<<)30D Beta Lyr L24(10)30D
2008 Mar 4 Tue	2008 Mar 5 Wed	2008 Mar 6 Thu
SX Aur 00(03)04L 367CygII L01(<<)06D V548 Cyg 01(05)06D GO Cyg L01(02)04 TZ Lyr 02(03)05 ----- XZ Cnc D19(20)23 V505 Mon D19(32)25L AW Lac 21(24)26 HP Lyr L23(<<)30D BF Aur 23(27)28L IU Aur 24(28)27L	HL Aur 01(02)04 V836 Cyg L02(01)02 TZ Lyr 03(05)06D DO Cas 06(07)06D ----- V505 Mon D19(08)25L LY Aur D19(15)24 TT Aur D19(19)22 V548 Cyg 20(25)29 XZ Cnc 20(23)26 MN Cas 21(25)29D DO Cas 22(24)25 68u Her 23(27)29D HP Lyr L23(<<)29D	AW Lac 00(03)05D XZ Cep 04(16)05D GO Cyg 04(06)05D GK Cep 04(07)05D TZ Lyr 05(06)05D ----- V505 Mon D19(<<)25L TX Cas D19(13)20 XZ Cep D19(16)28 BF Aur D19(17)21 UW CMa L19(18)22L IU Aur 19(24)27L HL Aur 21(23)24 HP Lyr L23(<<)29D XZ Cnc 23(26)27L TT Aur 24(27)27L

2008 Mar 7 Fri	2008 Mar 8 Sat	2008 Mar 9 Sun
GK Cep 03(05)05D AW Lac 04(07)05D ----- V505 Mon D19(<<)25L SX Aur D19(18)21 V548 Cyg D19(20)24 MN Cas D19(23)28 HP Lyr L23(<<)29D DO Cas 23(25)27 68u Her 24(29)29D BV Tau 24(26)25L	V448 Cyg L01(14)05D GK Cep 01(04)05D XZ Cnc 02(05)03L HL Aur 03(05)05D ----- V505 Mon D19(<<)25L DO Cas D19(17)19 IU Aur D19(19)23 HL Aur D19(20)21 SX Aur 20(23)26 TZ Lyr L22(22)23 BV Tau 22(25)25L HP Lyr L23(<<)29D BetLyrII L23(45)29D GK Cep 24(26)28	V448 Cyg L00(<<)05 GO Cyg 01(03)05 TX Cas 04(11)05D ----- V505 Mon D19(<<)25L LY Aur D19(15)24 V548 Cyg D19(15)20 TT Aur D19(19)22 MN Cas D19(21)26 BF Aur D19(21)25 BV Tau 21(23)25 TZ Lyr 22(23)24 GK Cep 22(25)27 HP Lyr L23(<<)29D BetLyrII L23(21)29D
2008 Mar 10 Mon	2008 Mar 11 Tue	2008 Mar 12 Wed
HL Aur 00(02)03 DO Cas 01(02)04 68u Her 01(06)05D SX Aur 01(04)04L V836 Cyg 05(06)05D V367 Cyg 05(50)05D ----- IU Aur D19(15)19 AW Lac D19(17)20 DO Cas D19(19)20 UW CMa D19(27)21L BV Tau 19(21)23 GK Cep 21(23)25 HP Lyr L23(<<)29D TZ Lyr 23(24)26 BetLyrII L23(<<)28 TT Aur 24(27)27L	V367 Cyg L00(26)05D GO Cyg 05(07)05D ----- XZ Cep D19(18)29D MN Cas D19(19)24 BV Tau D19(19)22 AW Lac D19(20)23 GK Cep 19(21)24 HL Aur 21(22)24 HP Lyr L23(<<)29D	V367 Cyg L00(02)05D TZ Lyr 00(02)03 GO Cyg L01(00)01 DO Cas 02(04)05 68u Her 02(07)05D TX Cas 03(10)05D V836 Cyg 04(05)05D ----- BV Tau D19(18)20 DO Cas D19(20)22 GK Cep D19(20)22 AW Lac 21(24)26 BF Aur 21(25)27L HP Lyr L23(<<)29D
2008 Mar 13 Thu	2008 Mar 14 Fri	2008 Mar 15 Sat
V367 Cyg L00(<<)05D V548 Cyg 02(06)05D TZ Lyr 02(03)04 HL Aur 03(04)05D ----- LY Aur D19(15)24 MN Cas D19(17)22 XZ Cnc D19(18)21 GK Cep D19(18)21 TT Aur D19(19)22 HL Aur D19(19)21 SX Aur D19(20)22 HP Lyr L23(<<)29D	AW Lac 00(03)05D IU Aur 01(06)02L GO Cyg 02(03)05 V836 Cyg 03(04)05D DO Cas 03(05)05D TZ Lyr 03(04)05D 68u Her 03(08)05D ----- BF Aur D19(15)19 GK Cep D19(17)19 XZ Cnc D19(21)24 DO Cas 20(21)23 V548 Cyg 21(25)29D SX Aur 22(25)27L HL Aur 24(25)27	V448 Cyg L00(02)05D TX Cas 01(08)05D Beta Lyr 01(32)05D AW Lac 04(07)05D TZ Lyr 05(06)05D ----- UW CMa D19(13)21L MN Cas D19(15)20 IU Aur 21(25)26L XZ Cnc 21(24)26 Beta Lyr L23(32)29D

	TT Aur 24(27)27L	
<b>2008 Mar 16 Sun</b>	<b>2008 Mar 17 Mon</b>	<b>2008 Mar 18 Tue</b>
BF Aur 01(05)03L V836 Cyg 02(04)05 SX Aur 03(06)03L DO Cas 04(06)05D 68u Her 05(10)05D ----- V548 Cyg D19(21)25 XZ Cep D19(21)29D HL Aur 20(22)23 DO Cas 21(23)24 TZ Lyr L21(20)21 Beta Lyr L23(08)29D XZ Cnc 24(26)27L	GO Cyg L00(00)02 ----- LY Aur D19(15)24 TT Aur D19(19)22 BF Aur D19(19)23 IU Aur D19(20)25 TZ Lyr L21(21)23 TX Cas 23(30)29D	V836 Cyg L01(03)04 HL Aur 02(04)05D XZ Cnc 02(05)03L ----- V548 Cyg D19(16)20 AW Lac D19(17)20 HL Aur D19(19)20 TZ Lyr 21(23)24 DO Cas 22(24)25 TT Aur 24(27)26L
<b>2008 Mar 19 Wed</b>	<b>2008 Mar 20 Thu</b>	<b>2008 Mar 21 Fri</b>
GO Cyg 02(04)05D ----- IU Aur D19(16)20 AW Lac D19(20)23 SX Aur D19(21)24 UW CMA D19(22)21L TZ Lyr 23(24)25 HL Aur 23(25)26 367CygII L24(57)29D	V836 Cyg L01(02)03 ----- BF Aur 19(23)26L AW Lac 21(24)26 TX Cas 21(28)29D SX Aur 23(26)27L DO Cas 23(25)27 V448 Cyg L24(38)29D 367CygII L24(33)29D	TZ Lyr 00(01)03 BV Tau 01(03)01L GK Cep 04(06)05D MN Cas 05(09)05D ----- LY Aur D19(15)24 DO Cas D19(18)19 TT Aur D19(19)22 XZ Cep D19(23)29D HL Aur 20(21)23 BetLyrII L23(43)29D BV Tau 23(25)25L V448 Cyg L24(14)29D 367CygII L24(09)29D
<b>2008 Mar 22 Sat</b>	<b>2008 Mar 23 Sun</b>	<b>2008 Mar 24 Mon</b>
GO Cyg L00(01)03 AW Lac 00(03)05D V836 Cyg L01(01)02 TZ Lyr 02(03)04 V548 Cyg 02(07)05D GK Cep 02(05)05D AD And 05(07)05D ----- BV Tau 21(23)24L BetLyrII L23(19)29D 367CygII L24(<<)29D TT Aur 24(27)26L	DO Cas 01(02)04 GK Cep 01(03)05D HL Aur 02(03)05 MN Cas 03(07)05D TZ Lyr 03(04)05D AW Lac 04(07)05D AD And 04(07)05D ----- HL Aur D19(18)20 XZ Cnc D19(19)21 DO Cas D19(19)20 BV Tau 20(22)24 TX Cas 20(27)29D V548 Cyg 22(26)29D	V836 Cyg L01(00)01 GO Cyg 03(05)05D AD And 04(06)05D TZ Lyr 04(06)05D ----- SX Aur D19(17)20 BV Tau D19(20)22 XZ Cnc D19(21)24 GK Cep 22(24)26 IU Aur 22(26)25L HL Aur 23(24)26

	BetLyrII L22(<<)26 GK Cep 23(26)28 BF Aur 23(27)26L	
<b>2008 Mar 25 Tue</b>	<b>2008 Mar 26 Wed</b>	<b>2008 Mar 27 Thu</b>
MN Cas 01(05)05D DO Cas 02(04)05D AD And 04(06)05D ----- LY Aur D19(15)25 BF Aur D19(17)21 BV Tau D19(18)21 TT Aur D19(19)22 DO Cas D19(20)22 V548 Cyg D19(21)26 SX Aur D19(22)25 GK Cep 20(22)25 TZ Lyr L21(20)21 XZ Cnc 22(24)26L	AD And 03(06)05D HL Aur 04(06)05D ----- AW Lac D19(17)20 GK Cep D19(21)23 IU Aur D19(22)25L TX Cas D19(25)29D XZ Cep D19(25)29D RX Cas D19(85)29D HL Aur 19(21)22 TZ Lyr L20(21)22 MN Cas 23(27)29D TT Aur 24(27)26L GO Cyg 24(26)27	SX Aur 00(03)02L XZ Cnc 00(03)02L AD And 03(05)05D DO Cas 03(05)05D V836 Cyg 05(06)05D ----- V548 Cyg D19(17)21 GK Cep D19(19)22 AW Lac D19(20)23 RX Cas D19(61)29D DO Cas 20(21)23 TZ Lyr 21(22)24 V448 Cyg L23(27)29D Beta Lyr 24(55)29D
<b>2008 Mar 28 Fri</b>	<b>2008 Mar 29 Sat</b>	<b>2008 Mar 30 Sun</b>
HL Aur 01(03)04 AD And 03(05)05D ----- UW CMa D19(17)20L IU Aur D19(17)22 GK Cep D19(18)20 BF Aur D19(21)25 RX Cas D19(37)29D 68u Her L21(17)22 MN Cas 21(25)29D AW Lac 21(24)26 Beta Lyr L22(31)29D TZ Lyr 23(24)25 V367 Cyg L23(64)29D	AD And 02(05)05D GO Cyg 03(05)05D V836 Cyg 04(05)05D ----- RX Cas D19(13)29D LY Aur D19(15)25 TT Aur D19(19)22 TX Cas D19(23)29D BM Cas D19(>>)29D DO Cas 21(23)24 Beta Lyr L22(07)29D HL Aur 22(24)25 V367 Cyg L23(40)29D GO Cyg L24(22)24 TZ Lyr 24(25)27	AW Lac 00(03)05D AD And 02(04)05D ----- RX Cas D19(<<)28D SX Aur D19(18)21 MN Cas D19(23)28 BM Cas D19(>>)28D 68u Her L21(18)23 V367 Cyg L23(16)28D TT Aur 24(27)26L
<b>2008 Mar 31 Mon</b>		
TZ Lyr 01(03)04 AD And 02(04)04D V836 Cyg 03(04)04D V548 Cyg 03(07)04D AW Lac 04(07)04D HL Aur 04(06)04D		

