| Dates<br>Phenomena<br>Locations | Begins<br>h m s | Maxi.<br>h m s | Ends<br>h m s | Magn.<br>drop | Ph.<br>(s) | Dist.<br>(Rs) | O-C<br>(s) | Ap.<br>(cm) | Rec. | El.<br>Sat.<br>(°) | El.<br>Sun<br>(°) | Cd. | Filt. | T.<br>int.<br>(s) | Dia.<br>(") | Sat.<br>in<br>dia. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **97/10/ 7**<br>**4 O1(pa)** | 19 34 6 | 19 35 43 | 19 37 20 | .028 | -3.9 | 3.7 | | | | | | | | | | |
| PARIS | | 19 37 6<br>± 28 | | .211<br>± .102 | | | -83 | L 38. | PM2 | 23 | -23 | 0 | 3 V | 0.3 | - | - |
| NAUSCHNY | | 19 35 18<br>± 35 | | .464<br>± .338 | | | 25 | T 125. | PM5 | 22 | -44 | 0 | 3 V | - | 28. | - |
| **97/10/16**<br>**2 O3(pa)** | 17 33 46 | 17 36 23 | 17 39 1 | .208 | -7.6 | 2.0 | | | | | | | | | | |
| TORINO | | 17 36 33<br>± 15 | | .232<br>± .032 | | | -10 | T 15. | CCD2 | 25 | -11 | 0 | 1 | 1.5 | - | - |
| **97/10/18**<br>**1 O2(pa)** | 18 20 40 | 18 22 22 | 18 24 4 | .024 | -4.1 | 5.7 | | | | | | | | | | |
| UKKEL | | 18 21 7<br>± 603 | | .006<br>± .091 | | | 75 | T 85. | CCD8 | 21 | -16 | 0 | 2 *1 | 0.06 | - | - |
| **97/10/20**<br>**3 O1( P)** | 4 43 24 | 4 45 53 | 4 48 21 | .138 | -5.6 | 3.6 | | | | | | | | | | |
| TOPEKA | | 4 47 2<br>± 58 | | .004<br>± .004 | | | 69 | L 38. | CCD12 | 17 | -56 | 0 | 2 | - | - | - |
| **97/10/23**<br>**2 O3(pa)** | 20 40 18 | 20 42 58 | 20 45 39 | .219 | -8.0 | 2.4 | | | | | | | | | | |
| TENERIFE | | 20 43 33<br>± 28 | | .083<br>± .027 | | | -35 | T 80. | CCDW | 42 | -30 | 0 | B | 1. | - | - |
| **97/10/24**<br>**4 O3(pa)** | 9 58 32 | 10 3 7 | 10 7 41 | .445 | -10.7 | 4.8 | | | | | | | | | | |
| FUNAHO | | 10 3 19<br>± 4 | | .707<br>± .033 | | | -12 | T 28. | PM3 | 37 | -22 | 0 | 2 V | 0.2 | - | - |
| **97/11/ 3**<br>**3 O1(pa)** | 10 24 20 | 10 27 29 | 10 30 40 | .190 | -7.3 | 4.8 | | | | | | | | | | |
| FUNAHO | | 10 27 37<br>± 9 | | .272<br>± .023 | | | -8 | T 28. | PM3 | 35 | -29 | 0 | 2 V | 0.2 | - | - |
| OKAYAMA | | 10 27 38<br>± 5 | | .274<br>± .013 | | | -9 | T 35. | PM3 | 35 | -29 | 0 | 2 V | 1. | 40. | - |
| **97/11/ 9**<br>**4 O2(pa)** | 16 39 24 | 16 49 27 | 16 59 49 | .139 | -24.9 | 9.1 | | | | | | | | | | |
| BOSKOOP | | 16 50 58<br>± 112 | | .489<br>± .185 | | | -91 | T 30. | CCDVX | 20 | -8 | 0 | - | 0.04 | - | - |
| **97/11/11**<br>**3 O2( T)** | 15 33 37 | 15 38 11 | 15 42 44 | .259 | -7.3 | 8.3 | | | | | | | | | | |
| KAVALUR | | 15 38 29<br>± 9 | | .675<br>± .045 | | | -18 | T 102. | CCDC | 34 | -49 | 0 | 1 *3 | - | - | - |
| **97/11/11**<br>**3 E1( )** | 15 41 53 | 15 47 53 | 15 53 48 | .181 | 9.7 | 5.6 | | | | | | | | | | |
| KAVALUR | | 15 48 7<br>± 11 | | .198<br>± .017 | | | -14 | T 102. | CCDC | 32 | -51 | 0 | 2 *3 | - | - | - |
| **97/11/17**<br>**3 O1(pa)** | 16 42 40 | 16 47 27 | 16 52 18 | .278 | -10.4 | 5.7 | | | | | | | | | | |
| CATANIA | | 16 47 43<br>± 10 | | .038<br>± .003 | | | -16 | T 91. | PM | 35 | -12 | 0 | 2 V | 0.1 | 42. | - |
| **97/11/18**<br>**3 O2(pa)** | 19 4 57 | 19 9 8 | 19 13 19 | .259 | -6.8 | 8.0 | | | | | | | | | | |
| CATANIA | | 19 9 25<br>± 27 | | .045<br>± .010 | | | -17 | T 91. | PM | 22 | -40 | 0 | 2 V | 0.1 | 21. | - |
| CHATEAUGIRON | | 19 9 28<br>± 45 | | .443<br>± .129 | | | -20 | T 21. | CCD10 | 21 | -27 | 0 | 3 | 1.2 | - | - |
| OCA | | 19 9 32<br>± 24 | | .399<br>± .095 | | | -24 | T 150. | PM7 | 21 | -33 | 0 | 2 B | 0.2 | - | - |
| OCA | | 19 9 42<br>± 30 | | .535<br>± .190 | | | -34 | T 150. | PM7 | 21 | -33 | 0 | 2 R | 0.2 | - | - |
| OCA | | 19 9 32<br>± 24 | | .451<br>± .111 | | | -24 | T 150. | PM7 | 21 | -33 | 0 | 2 V | 0.2 | - | - |
| **97/11/18**<br>**3 E1(pe)** | 19 15 22 | 19 17 46 | 19 20 10 | .007 | 3.9 | 5.1 | | | | | | | | | | |
| CATANIA | | 19 18 39<br>± 141 | | .002<br>± .008 | | | -54 | T 91. | PM | 21 | -42 | 0 | 2 V | 0.1 | 21. | - |
| **97/11/24**<br>**3 O1(pa)** | 20 25 2 | 20 32 5 | 20 39 20 | .312 | -15.4 | 5.9 | | | | | | | | | | |
| TENERIFE | | 20 32 17<br>± 2 | | 1.022<br>± .009 | | | -13 | T 150. | PMIR | 32 | -31 | 0 | K | 4. | 20. | - |
| TENERIFE | | 20 32 26<br>± 8 | | .473<br>± .022 | | | -22 | T 80. | CCDW | 32 | -31 | 0 | B | 1. | - | - |
| **97/11/25**<br>**3 O1(pa)** | 18 34 39 | 18 39 19 | 18 43 55 | .106 | -8.9 | 5.8 | | | | | | | | | | |
| UKKEL | | 18 39 38<br>± 85 | | .176<br>± .134 | | | -19 | T 85. | CCD8 | 17 | -27 | 0 | 2 | 0.06 | - | - |
| CATANIA | | 18 38 56<br>± 12 | | .028<br>± .012 | | | 23 | T 91. | PM | 23 | -35 | 0 | 2 V | 0.1 | 21. | - |