**TN\_Oukaimeden**

**Schedule from 2020-08-01 to 2020-08-29**

**(Total time = 0hr, technical loss = 0hr, weather loss = 0hr, Exotime = 0hr, cometime = 0hr, chilean time = 0hr)**

**Night starting on the 2020-08-01**

*Moon illumination: 95.0 %*

*Sunset - Sunrise: 19h22 / 05h53*

*Civil/Naut./Astro. twilights: 19h52-05h22 / 20h24-04h51 / 20h57-04h18*

*Start-end of night (Naut. twil.): 20h24 to 04h51*

*Night duration (Naut. twil.): 8.448 h*

**From 20h24 to 00h37 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h38 to 04h51 : Sp2335-0223**

Note: Prio\_target

SPECULOOS : 3.0 h of obs over 200.0 h

Jmag= 9.15, SpT= 4.9

RA = 23 35 10.463, DEC = -2 23 20.615, filt=Rc , texp=38

**Night starting on the 2020-08-02**

*Moon illumination: 99.0 %*

*Sunset - Sunrise: 19h21 / 05h53*

*Civil/Naut./Astro. twilights: 19h52-05h23 / 20h23-04h52 / 20h56-04h19*

*Start-end of night (Naut. twil.): 20h24 to 04h52*

*Night duration (Naut. twil.): 8.477 h*

**From 20h24 to 00h38 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h38 to 04h52 : Sp2335-0223**

Note: Prio\_target

SPECULOOS : 3.0 h of obs over 200.0 h

Jmag= 9.15, SpT= 4.9

RA = 23 35 10.463, DEC = -2 23 20.615, filt=Rc , texp=38

**Night starting on the 2020-08-03**

*Moon illumination: 100.0 %*

*Sunset - Sunrise: 19h20 / 05h54*

*Civil/Naut./Astro. twilights: 19h51-05h24 / 20h22-04h52 / 20h55-04h20*

*Start-end of night (Naut. twil.): 20h23 to 04h53*

*Night duration (Naut. twil.): 8.506 h*

**From 20h23 to 00h38 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h38 to 04h53 : Sp2335-0223**

Note: Prio\_target

SPECULOOS : 3.0 h of obs over 200.0 h

Jmag= 9.15, SpT= 4.9

RA = 23 35 10.463, DEC = -2 23 20.615, filt=Rc , texp=38

**Night starting on the 2020-08-04**

*Moon illumination: 99.0 %*

*Sunset - Sunrise: 19h20 / 05h55*

*Civil/Naut./Astro. twilights: 19h50-05h24 / 20h21-04h53 / 20h54-04h20*

*Start-end of night (Naut. twil.): 20h22 to 04h54*

*Night duration (Naut. twil.): 8.536 h*

**From 20h22 to 00h37 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h38 to 04h54 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-05**

*Moon illumination: 96.0 %*

*Sunset - Sunrise: 19h19 / 05h55*

*Civil/Naut./Astro. twilights: 19h49-05h25 / 20h20-04h54 / 20h53-04h21*

*Start-end of night (Naut. twil.): 20h21 to 04h54*

*Night duration (Naut. twil.): 8.566 h*

**From 20h21 to 00h46 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h46 to 04h54 : Trappist-1b+c**

Note: Prio\_target

SPECULOOS : 1000.0 h of obs over 200.0 h

Jmag= 11.35, SpT= 7.4

RA = 23 06 29.372, DEC = -5 02 29.032, filt=I+z , texp=55

**Night starting on the 2020-08-06**

*Moon illumination: 91.0 %*

*Sunset - Sunrise: 19h18 / 05h56*

*Civil/Naut./Astro. twilights: 19h48-05h26 / 20h19-04h55 / 20h52-04h22*

*Start-end of night (Naut. twil.): 20h20 to 04h55*

*Night duration (Naut. twil.): 8.596 h*

**From 20h20 to 00h37 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h38 to 04h55 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-07**

*Moon illumination: 85.0 %*

*Sunset - Sunrise: 19h17 / 05h57*

*Civil/Naut./Astro. twilights: 19h47-05h27 / 20h18-04h56 / 20h50-04h23*

*Start-end of night (Naut. twil.): 20h18 to 04h56*

*Night duration (Naut. twil.): 8.627 h*

**From 20h18 to 00h37 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h38 to 04h56 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-08**

*Moon illumination: 78.0 %*

*Sunset - Sunrise: 19h16 / 05h57*

*Civil/Naut./Astro. twilights: 19h46-05h27 / 20h17-04h56 / 20h49-04h24*

*Start-end of night (Naut. twil.): 20h17 to 04h57*

*Night duration (Naut. twil.): 8.657 h*

**From 20h17 to 00h33 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h33 to 04h57 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-09**

*Moon illumination: 69.0 %*

*Sunset - Sunrise: 19h15 / 05h58*

*Civil/Naut./Astro. twilights: 19h45-05h28 / 20h16-04h57 / 20h48-04h25*

*Start-end of night (Naut. twil.): 20h16 to 04h57*

*Night duration (Naut. twil.): 8.688 h*

**From 20h16 to 00h33 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h33 to 04h57 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-10**

*Moon illumination: 60.0 %*

*Sunset - Sunrise: 19h14 / 05h58*

*Civil/Naut./Astro. twilights: 19h44-05h29 / 20h15-04h58 / 20h47-04h26*

*Start-end of night (Naut. twil.): 20h15 to 04h58*

*Night duration (Naut. twil.): 8.719 h*

**From 20h15 to 00h32 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h33 to 04h58 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-11**

*Moon illumination: 51.0 %*

*Sunset - Sunrise: 19h13 / 05h59*

*Civil/Naut./Astro. twilights: 19h43-05h29 / 20h14-04h59 / 20h46-04h27*

*Start-end of night (Naut. twil.): 20h14 to 04h59*

*Night duration (Naut. twil.): 8.751 h*

**From 20h14 to 01h40 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 01h40 to 04h59 : Trappist-1b+g**

Note: Prio\_target

SPECULOOS : 1000.0 h of obs over 200.0 h

Jmag= 11.35, SpT= 7.4

RA = 23 06 29.372, DEC = -5 02 29.032, filt=I+z , texp=55

**Night starting on the 2020-08-12**

*Moon illumination: 41.0 %*

*Sunset - Sunrise: 19h12 / 06h00*

*Civil/Naut./Astro. twilights: 19h42-05h30 / 20h13-04h59 / 20h44-04h28*

*Start-end of night (Naut. twil.): 20h13 to 05h00*

*Night duration (Naut. twil.): 8.782 h*

**From 20h13 to 00h32 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h33 to 05h00 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-13**

*Moon illumination: 32.0 %*

*Sunset - Sunrise: 19h11 / 06h00*

*Civil/Naut./Astro. twilights: 19h41-05h31 / 20h11-05h00 / 20h43-04h29*

*Start-end of night (Naut. twil.): 20h12 to 05h01*

*Night duration (Naut. twil.): 8.814 h*

**From 20h12 to 00h32 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h33 to 05h01 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-14**

*Moon illumination: 23.0 %*

*Sunset - Sunrise: 19h10 / 06h01*

*Civil/Naut./Astro. twilights: 19h40-05h31 / 20h10-05h01 / 20h42-04h29*

*Start-end of night (Naut. twil.): 20h11 to 05h01*

*Night duration (Naut. twil.): 8.846 h*

**From 20h11 to 00h32 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h32 to 05h01 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-15**

*Moon illumination: 15.0 %*

*Sunset - Sunrise: 19h09 / 06h02*

*Civil/Naut./Astro. twilights: 19h39-05h32 / 20h09-05h02 / 20h40-04h30*

*Start-end of night (Naut. twil.): 20h10 to 05h02*

*Night duration (Naut. twil.): 8.878 h*

**From 20h10 to 00h32 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 00h32 to 05h02 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-16**

*Moon illumination: 8.0 %*

*Sunset - Sunrise: 19h08 / 06h02*

*Civil/Naut./Astro. twilights: 19h38-05h33 / 20h08-05h03 / 20h39-04h31*

*Start-end of night (Naut. twil.): 20h49 to 05h03*

*Night duration (Naut. twil.): 8.911 h*

**From 20h49 to 05h03 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-17**

*Moon illumination: 3.0 %*

*Sunset - Sunrise: 19h07 / 06h03*

*Civil/Naut./Astro. twilights: 19h37-05h33 / 20h07-05h03 / 20h38-04h32*

*Start-end of night (Naut. twil.): 20h45 to 05h04*

*Night duration (Naut. twil.): 8.943 h*

**From 20h45 to 05h04 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-18**

*Moon illumination: 0.0 %*

*Sunset - Sunrise: 19h06 / 06h03*

*Civil/Naut./Astro. twilights: 19h35-05h34 / 20h05-05h04 / 20h37-04h33*

*Start-end of night (Naut. twil.): 20h42 to 05h04*

*Night duration (Naut. twil.): 8.976 h*

**From 20h42 to 05h04 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-19**

*Moon illumination: 1.0 %*

*Sunset - Sunrise: 19h05 / 06h04*

*Civil/Naut./Astro. twilights: 19h34-05h35 / 20h04-05h05 / 20h35-04h34*

*Start-end of night (Naut. twil.): 20h37 to 05h05*

*Night duration (Naut. twil.): 9.008 h*

**From 20h37 to 05h05 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**From 23h50 to 02h54 : Trappist-1e**

Note: Prio\_target

SPECULOOS : 1000.0 h of obs over 200.0 h

Jmag= 11.35, SpT= 7.4

RA = 23 06 29.372, DEC = -5 02 29.032, filt=I+z , texp=55

**From 02h54 to 05h05 : Sp0011+5908\_2**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-20**

*Moon illumination: 3.0 %*

*Sunset - Sunrise: 19h04 / 06h05*

*Civil/Naut./Astro. twilights: 19h33-05h35 / 20h03-05h06 / 20h34-04h35*

*Start-end of night (Naut. twil.): 20h33 to 05h06*

*Night duration (Naut. twil.): 9.041 h*

**From 20h33 to 05h06 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-21**

*Moon illumination: 9.0 %*

*Sunset - Sunrise: 19h03 / 06h05*

*Civil/Naut./Astro. twilights: 19h32-05h36 / 20h02-05h06 / 20h33-04h36*

*Start-end of night (Naut. twil.): 20h30 to 05h07*

*Night duration (Naut. twil.): 9.074 h*

**From 20h30 to 05h07 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-22**

*Moon illumination: 17.0 %*

*Sunset - Sunrise: 19h02 / 06h06*

*Civil/Naut./Astro. twilights: 19h31-05h37 / 20h01-05h07 / 20h31-04h36*

*Start-end of night (Naut. twil.): 20h26 to 05h07*

*Night duration (Naut. twil.): 9.107 h*

**From 20h26 to 05h07 : Sp0011+5908**

Note: Prio\_target

SPECULOOS : 27.75 h of obs over 200.0 h

Jmag= 9.95, SpT= 5.5

RA = 00 11 30.931, DEC = 59 08 39.885, filt=z , texp=20

**Night starting on the 2020-08-23**

*Moon illumination: 27.0 %*

*Sunset - Sunrise: 19h01 / 06h06*

*Civil/Naut./Astro. twilights: 19h30-05h37 / 19h59-05h08 / 20h30-04h37*

*Start-end of night (Naut. twil.): 20h00 to 05h08*

*Night duration (Naut. twil.): 9.141 h*

**From 20h00 to 23h51 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 23h56 to 05h08 : Sp0202+1020**

Note: Prio\_target

SPECULOOS : 39.25 h of obs over 200.0 h

Jmag= 9.84, SpT= 5.3

RA = 02 02 16.231, DEC = 10 20 13.954, filt=z , texp=15

**Night starting on the 2020-08-24**

*Moon illumination: 37.0 %*

*Sunset - Sunrise: 18h59 / 06h07*

*Civil/Naut./Astro. twilights: 19h28-05h38 / 19h58-05h08 / 20h28-04h38*

*Start-end of night (Naut. twil.): 19h59 to 05h09*

*Night duration (Naut. twil.): 9.174 h*

**From 19h59 to 23h51 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 23h52 to 05h09 : Sp0202+1020**

Note: Prio\_target

SPECULOOS : 39.25 h of obs over 200.0 h

Jmag= 9.84, SpT= 5.3

RA = 02 02 16.231, DEC = 10 20 13.954, filt=z , texp=15

**Night starting on the 2020-08-25**

*Moon illumination: 49.0 %*

*Sunset - Sunrise: 18h58 / 06h08*

*Civil/Naut./Astro. twilights: 19h27-05h39 / 19h57-05h09 / 20h27-04h39*

*Start-end of night (Naut. twil.): 19h57 to 05h10*

*Night duration (Naut. twil.): 9.207 h*

**From 19h57 to 23h51 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 21h20 to 05h10 : Trappist-1d+e**

Note: Prio\_target

SPECULOOS : 1000.0 h of obs over 200.0 h

Jmag= 11.35, SpT= 7.4

RA = 23 06 29.372, DEC = -5 02 29.032, filt=I+z , texp=55

**Night starting on the 2020-08-26**

*Moon illumination: 60.0 %*

*Sunset - Sunrise: 18h57 / 06h08*

*Civil/Naut./Astro. twilights: 19h26-05h39 / 19h55-05h10 / 20h26-04h40*

*Start-end of night (Naut. twil.): 19h56 to 05h10*

*Night duration (Naut. twil.): 9.24 h*

**From 19h56 to 23h50 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 23h51 to 05h10 : Sp0202+1020**

Note: Prio\_target

SPECULOOS : 39.25 h of obs over 200.0 h

Jmag= 9.84, SpT= 5.3

RA = 02 02 16.231, DEC = 10 20 13.954, filt=z , texp=15

**Night starting on the 2020-08-27**

*Moon illumination: 70.0 %*

*Sunset - Sunrise: 18h56 / 06h09*

*Civil/Naut./Astro. twilights: 19h25-05h40 / 19h54-05h11 / 20h24-04h40*

*Start-end of night (Naut. twil.): 19h55 to 05h11*

*Night duration (Naut. twil.): 9.274 h*

**From 19h55 to 23h50 : Sp2000+3057**

Note: Prio\_target

SPECULOOS : 77.5 h of obs over 200.0 h

Jmag= 10.67, SpT= 6.1

RA = 20 00 5.763, DEC = 30 57 32.101, filt=I+z , texp=25

**From 23h51 to 05h11 : Sp0202+1020**

Note: Prio\_target

SPECULOOS : 39.25 h of obs over 200.0 h

Jmag= 9.84, SpT= 5.3

RA = 02 02 16.231, DEC = 10 20 13.954, filt=z , texp=15

**Night starting on the 2020-08-28**

*Moon illumination: 79.0 %*

*Sunset - Sunrise: 18h55 / 06h09*

*Civil/Naut./Astro. twilights: 19h24-05h41 / 19h53-05h11 / 20h23-04h41*

*Start-end of night (Naut. twil.): 19h53 to 05h12*

*Night duration (Naut. twil.): 9.307 h*

**From 19h53 to 23h50 : Sp2151+2328**

Note: Prio\_target

SPECULOOS : 0.0 h of obs over 200.0 h

Jmag= 11.49, SpT= 6.0

RA = 21 51 5.096, DEC = 23 28 9.608, texp=44 , filt=I+z

**From 23h50 to 05h12 : Sp0202+1020**

Note: Prio\_target

SPECULOOS : 39.25 h of obs over 200.0 h

Jmag= 9.84, SpT= 5.3

RA = 02 02 16.231, DEC = 10 20 13.954, filt=z , texp=15