ObservationReport

ObservationID **0044** on 2022-06-22 12:33

all measures in mm

Object	**SOL**				
Common Name	Sun				
Alternate Name (s)	Sonne, Sun				
Visual Magnitude	0				
Distance ▶Object					
Apparent Size	32.3'				
Object R.A.					
Object DEC					
WikiLink	https://en.wikipedia.org/wiki/Sun				

20220622_SOL_FUJXT3_0044-01WM.jpg

Link ▶Picture	SOL_20220622
Descpription	
Constellation	

Picture Data					
Work Status	Published		Rating	****	
Source Format	Photo		Picture Center R.A.		
Tot./Act. Frames/Pane	1	1	Picture Center DEC		
H / V Panes	1	1	H/V FoV [°]	1,0357	0,6875
Exp. [s] / Frame	1/2000		Above horizon [°]	0	
Total Time / Pane [min]	0,00	0,00	View Direction	S	
Camera Data	**FUJIFILM**		**FUJXT3**	**FUJXT3**	
Camera Angle [°]	0		Pixel Pitch [µm]	3,74	
Gain or ISO	1600		Camera Temp. °C	30	
Observation Site					
Observation Start	2022-06-22T12:33:56	UTC+/- +1h	Observation End	2022-06-22T12:53:56	
Observation Site	DE Göttingen MBR		Site Elevation /Bortle	182	5
Province	NDS		Site Coordinates	51° 34' N, 9° 56' E	
Sky & Moon					
Sky Index | Total Clouds	3,5	%	Moon Rise | Set		
Outside Temp. °C	28		Moon Age [d]	0	
Moon Phase |% Illum.	UNKNOWN	0 %	Moon ▶Target Dist.	UNKNOWN	
Optical Configuration	**SW1300FUXT3**		**SW1300FUJXT3**		
Lens or Scope	SkyWatcher MC102/1300		Focuser	-	
Type Of Build	Maksutov Reflector		Focuser Position [mm]	EAF Steps	0
Brand	SkyWatcher				
Addtional Optics	-		Optical Factor	1	
Filter	Astrozap Solar		FoL norm|actual [mm]	1300	1300
Diameter [mm]	102		DawesLimitLink	,91 Arcsec	
Aperture / f-stop	12,75		Optical Scale ["/px]	0,594	
Other Hardware & Software					
GuideScope	NONE		Mount	iOptron iEQ45 Pro	
GuiderHW	ASiairPro		SessionControl	ASiairPro	
GuiderSW	NONE		PostProcessingSW	Lightroom	
More ...					
Work Folder	2022\20220622_SOL_0044_GOE-MBR				
Comment					
Remarks	Took some sinlge frames using the Astrozap Solar filter and the Fuji X-T3 ca,era				