

INT Reflectivity Report: primary mirror measurements and CO2 cleaning carried out 30 June 2017
 Cleaned using Aligal2. Fine rain spots remaining all over.

				Tempr. °C	Reflectivity (%R) wavelength of band (nm)								"Dust Indices" (DI)						
					365	404	464	522	624	760	970	365	404	464	522	624	760	970	
1115	30/06/2017 11:07	3	INTM1 all	22.6	86.9	85.8	85.7	85.9	85.3	82.8	88.5	8.5	8.3	8.4	7.3	8.3	7.5	8.2	
1116	30/06/2017 11:09	3	INTM1 all	22.6	87.9	86.7	86.4	86.7	85.8	83.2	89.1	6.7	6.6	7.2	6.0	7.2	6.9	7.4	
1117	30/06/2017 11:10	3	INTM1 all	22.8	86.4	85.1	85.0	85.3	84.8	82.2	88.2	9.0	9.2	9.7	8.2	9.0	8.5	8.7	
1118	30/06/2017 11:11	3	INTM1 all	22.8	87.9	86.9	86.4	86.7	85.9	83.3	89.1	6.9	6.3	7.4	5.7	7.4	6.5	7.1	
					87.3	86.1	85.9	86.2	85.5	82.9	88.7	7.8	7.6	8.2	6.8	8.0	7.4	7.9	

After CO2					365	404	464	522	624	760	970	365	404	464	522	624	760	970	
1119	30/06/2017 11:33	3	INTM1 all	22	88.9	88.2	88.3	88.8	88.3	85.9	92.5	7.2	6.3	5.7	3.8	3.7	2.9	2.4	
1120	30/06/2017 11:34	3	INTM1 all	22.1	86.3	85.0	87.1	83.4	86.3	83.0	85.1	9.6	9.7	7.6	11.1	7.4	7.8	13.7	
1121	30/06/2017 11:35	3	INTM1 all	22.2	87.9	87.1	87.4	88.0	87.4	85.1	91.5	9.6	8.1	7.5	5.0	5.5	4.3	3.9	
average after 1st cleaning					87.7	86.8	87.6	86.7	87.3	84.7	89.7								
1122	30/06/2017 11:51	3	INTM1 all	20.8	89.3	88.2	88.1	88.6	87.7	85.5	91.7	6.4	5.8	5.9	4.2	4.9	3.9	3.8	
1123	30/06/2017 11:52	3	INTM1 all	20.7	88.0	87.4	87.5	88.5	87.5	85.6	91.9	9.6	8.7	7.7	4.5	5.6	3.5	3.2	
1124	30/06/2017 11:53	3	INTM1 all	20.8	89.1	87.9	87.9	88.1	87.7	85.0	91.4	6.6	6.3	6.2	4.8	5.0	4.4	4.1	
1125	30/06/2017 11:54	3	INTM1 all	21	89.6	88.5	88.3	88.9	88.1	85.6	91.9	6.0	6.7	5.7	3.8	4.3	3.4	3.2	
1126	30/06/2017 11:55	3	INTM1 all	21.2	87.9	87.2	87.4	88.0	87.3	85.2	91.3	9.3	7.9	7.4	5.2	5.9	4.1	4.1	
					88.4	87.4	87.8	87.8	87.5	85.1	90.9	8.0	7.4	6.7	5.3	5.3	4.3	4.8	

Change since CO2

1.1 1.3 1.9 1.6 2.1 2.2 2.2 -0.3 0.2 1.5 1.5 2.7 3.1 3.1