

First Primary mirror measurements since February, pending decision on washing or CO2.  
 Anomalously low value highlighted, omitted from statistics; cause unknown (device on moved).

Primary Mirror				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
1585	17/10/2019 14:03	1	WHTM1 all	19.6	79.2	78.1	77.5	77.9	76.4	74.6	80.0	21.1	21.4	23.8	19.9	24.3	21.2	23.7
1586	17/10/2019 14:04	1	WHTM1 all	19.6	79.1	78.0	77.0	77.9	76.5	74.7	80.4	24.0	23.7	24.4	20.1	23.8	21.1	23.3
1587	17/10/2019 14:06	1	WHTM1 all	19.7	80.8	79.8	79.3	79.8	78.8	77.0	82.6	20.3	19.8	21.2	17.4	20.1	18.1	18.8
1588	17/10/2019 14:07	1	WHTM1 all	19.7	79.5	78.5	78.0	78.3	77.4	75.6	80.6	22.7	22.4	24.6	19.9	23.9	20.8	22.8
1589	17/10/2019 14:09	1	WHTM1 all	19.8	41.3	80.9	80.3	80.3	79.5	77.0	82.7	18.0	18.4	20.4	16.5	20.0	18.3	18.7
1590	17/10/2019 14:10	1	WHTM1 all	19.8	81.5	80.2	79.7	79.7	78.7	76.5	81.8	17.6	18.1	20.3	17.0	20.8	18.9	20.3
1591	17/10/2019 14:11	1	WHTM1 all	19.9	80.6	79.6	78.9	79.4	77.8	76.0	81.0	19.7	19.2	21.7	17.5	22.6	19.7	21.3
1592	17/10/2019 14:13	1	WHTM1 all	20.0	80.6	79.4	78.8	79.1	78.2	76.0	81.2	19.8	20.3	21.8	18.2	21.5	19.5	20.9
1593	17/10/2019 14:13	1	WHTM1 all	20.0	79.9	79.3	79.1	79.3	77.7	76.2	81.1	21.6	20.7	21.7	17.8	23.0	19.5	21.4
1594	17/10/2019 14:14	1	WHTM1 all	20.1	79.5	78.8	78.8	78.9	77.9	76.1	81.2	21.5	21.2	22.0	18.5	22.3	19.4	20.9
averages					80.1	79.3	78.7	79.1	77.9	76.0	81.3	20.6	20.5	22.2	18.3	22.2	19.7	21.2

Plot Legend (see overleaf)

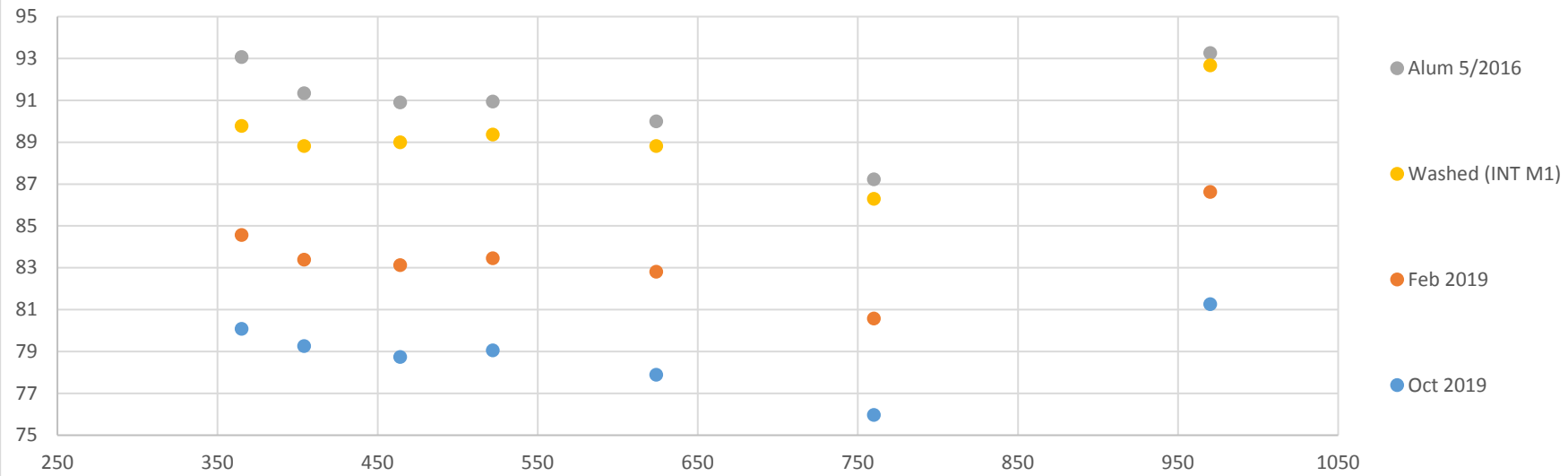
Oct 2019

Feb 2019

Alum 5/2016

Washed (INT M1)

### Reflectivity of M1, Oct 2019 and gain from washing



### Scattering of M1, Oct 2019 and gain from washing

