

WHT M1 Reflectivity Report for 18 April 2017. Measurements by Neil O'Mahony  
 No cleaning, only measurements. Last CO2 was 1 month ago.

Worst values highlighted in brown, best values in green (highest in %R, lowest in %DI). Invalid in red.  
 Outlying values: if lower than expected for wavelength, highlighted in red. If higher, in green. All included in statistics.

	Temp. °C	Reflectivity (%R) wavelength of band (nm)							"Dust Indices" (DI)						
		365	404	464	522	624	760	970	365	404	464	522	624	760	970
1051 18/04/2017 08:47 1 left1	19.9	90.1	88.6	88.1	88.2	87.4	84.9	91.0	6.0	6.0	6.5	5.1	5.9	5.2	5.3
1052 18/04/2017 08:48 1 left2	19.9	89.9	88.4	88.1	88.1	87.3	84.8	90.8	6.3	6.3	6.6	5.2	6.1	5.3	5.6
1053 18/04/2017 08:49 1 left3	19.9	90.0	88.7	88.3	88.4	87.5	84.9	91.2	6.3	6.0	6.2	5.0	5.8	5.0	5.1
1054 18/04/2017 08:50 1 left4	20	89.3	87.7	86.9	87.3	86.3	83.6	89.8	6.9	7.2	8.4	6.6	7.9	7.8	7.4
local average		89.8	88.4	87.9	88.0	87.1	84.6	90.7	6.4	6.4	6.9	5.5	6.4	5.8	5.9
local range		0.8	1.0	1.4	1.1	1.2	1.3	1.4	0.9	1.2	2.2	1.6	2.1	2.8	2.3
1055 18/04/2017 08:52 1 top1	20.1	89.9	88.5	88.1	88.3	87.4	84.7	91.0	6.6	6.1	6.3	5.1	5.8	5.2	5.2
1056 18/04/2017 08:53 1 top2	20.1	89.6	88.2	87.8	88.0	87.1	84.6	90.6	6.5	6.4	6.8	5.4	6.3	5.5	5.7
1057 18/04/2017 08:54 1 top3	20.1	90.0	88.5	88.1	88.3	87.5	84.8	90.9	6.2	6.2	6.4	5.2	5.7	5.1	5.1
1058 18/04/2017 08:55 1 top4	20.1	90.1	88.7	88.2	88.3	87.5	84.7	90.9	6.5	6.3	7.2	5.4	5.9	5.5	5.3
local average		89.9	88.5	88.1	88.2	87.4	84.7	90.9	6.5	6.3	6.7	5.3	5.9	5.3	5.3
local range		0.5	0.5	0.4	0.3	0.4	0.2	0.4	0.4	0.3	0.9	0.3	0.6	0.4	0.6
1059 18/04/2017 08:56 1 right1	20.1	90.2	88.8	88.4	88.6	87.5	85.1	91.0	6.2	5.7	5.9	4.8	5.5	4.6	4.9
1060 18/04/2017 08:57 1 right2	20.1	89.1	88.2	88.1	88.3	86.7	84.9	90.6	7.7	6.7	6.9	5.2	7.5	5.4	5.8
1061 18/04/2017 08:58 1 right3	20.1	89.6	88.4	87.9	87.9	87.0	84.4	90.3	6.9	6.6	6.9	5.6	6.6	5.7	6.1
1062 18/04/2017 08:58 1 right4	20.2	89.7	88.2	87.8	88.2	87.1	84.5	90.6	7.7	7.5	7.2	6.0	6.9	5.8	6.0
local average		89.7	88.4	88.1	88.3	87.1	84.7	90.6	7.1	6.6	6.7	5.4	6.6	5.4	5.7
local range		0.6	0.6	0.6	0.7	0.8	0.7	0.7	1.5	1.8	1.3	1.2	2.0	1.2	1.2
1063 18/04/2017 09:00 1 bottom1	20.2	45.3	89.1	88.7	88.8	87.9	85.3	91.2	5.9	5.4	5.7	4.6	5.1	4.4	4.7
1064 18/04/2017 09:01 1 bottom2	20.2	89.4	88.1	87.6	87.9	87.0	84.3	90.6	7.7	7.3	7.8	5.7	6.6	5.9	5.6
1065 18/04/2017 09:02 1 bottom3	20.2	89.3	88.0	87.8	87.7	86.9	84.4	90.2	6.5	6.3	6.9	5.5	6.4	5.6	6.0

1066	18/04/2017 09:03 1 bottom4	20.2	89.8	88.3	87.7	87.9	87.0	84.3	90.5	6.2	6.0	6.4	5.6	6.1	5.5	5.5
	local average		89.5	88.4	88.0	88.1	87.2	84.6	90.6	6.6	6.3	6.7	5.4	6.1	5.4	5.5
	local range		0.5	1.1	1.1	1.1	1.0	1.0	1.0	1.8	1.9	2.1	1.1	1.5	1.5	1.3
	global average		89.7	88.4	88.0	88.1	87.2	84.6	90.7	6.6	6.4	6.8	5.4	6.3	5.5	5.6
	maximum values		90.2	89.1	88.7	88.8	87.9	85.3	91.2	7.7	7.5	8.4	6.6	7.9	7.8	7.4
	minimum values		89.1	87.7	86.9	87.3	86.3	83.6	89.8	5.9	5.4	5.7	4.6	5.1	4.4	4.7
	ranges - omitting 1 outlier		1.1	1.4	1.8	1.5	1.6	1.0	1.4	1.8	2.1	2.7	2.0	2.8	3.4	2.7
	std. deviations		0.3	0.3	0.4	0.4	0.4	0.4	0.4	0.6	0.6	0.7	0.5	0.7	0.7	0.6

