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WHT Primary mirror Reflectivity (2 months since previous CO2 cleaning)

Mirror generally spotted with rain drop stains since > 6 weeks.

Primary Mirror measurements bracketed by usual reference mirror measurements.

	Lambda	Incident Angle	BW Limits	□s->	□s->		RMS(□)	TIME	DATE
	0.67	25	1	0	50				
			0.01			180 REFL			
Ref mirror 1	1.27E-002	4.89E-003	0.923				80	11:30:34	12/01/10
2	1.27E-002	4.89E-003	0.923				80.2	11:30:39	12/01/10
3	6.13E-003	2.16E-003	0.923				56.3	11:30:46	12/01/10
4	6.14E-003	2.16E-003	0.922				56.4	11:30:51	12/01/10
5	1.05E-002	4.03E-003	0.928				72.8	11:30:58	12/01/10
6	1.05E-002	4.03E-003	0.927				73	11:31:03	12/01/10
7	4.14E-003	2.42E-003	0.921				44.7	11:31:11	12/01/10
8	4.15E-003	2.42E-003	0.919				44.8	11:31:15	12/01/10
9	7.09E-003	1.81E-003	0.918				63.8	11:31:22	12/01/10
average									
									92.267
Primary	9.41E-003	3.57E-003	0.835				72.7	11:38:43	12/01/10
11	9.42E-003	3.57E-003	0.833				72.8	11:38:52	12/01/10
12	8.80E-003	2.64E-003	0.846				71.9	11:39:01	12/01/10
13	8.83E-003	2.63E-003	0.846				72.1	11:39:06	12/01/10
14	1.02E-002	4.31E-003	0.832 skip				75.3	11:39:15	12/01/10
15	1.04E-002	4.30E-003	0.826				76.1	11:57:30	12/01/10
16	1.04E-002	4.30E-003	0.826				76.1	11:57:36	12/01/10
17	9.13E-003	3.45E-003	0.836				71.6	11:57:46	12/01/10
18	9.14E-003	3.44E-003	0.836				71.7	11:57:51	12/01/10
20	1.05E-002	3.78E-003	0.826				77.6	11:58:54	12/01/10
21	1.05E-002	3.78E-003	0.829				77.5	11:58:59	12/01/10
22	1.15E-002	4.45E-003	0.825				80.6	11:59:09	12/01/10
23	1.15E-002	4.44E-003	0.824				80.7	11:59:14	12/01/10
24	1.25E-002	4.16E-003	0.832				85	11:59:22	12/01/10
25	1.25E-002	4.17E-003	0.832				85	11:59:27	12/01/10
26	1.07E-002	3.15E-003	0.846 skip				79.5	11:59:36	12/01/10
27	8.21E-003	2.86E-003	0.853				67.8	12:00:55	12/01/10
28	8.22E-003	2.87E-003	0.854				67.8	12:01:00	12/01/10
29	8.42E-003	4.53E-003	0.830 battery				67.4	12:01:11	12/01/10
	1.00E-002	3.70E-003	83.465				75.22		
			0.315						
Ref mirror rpt	2.33E-003	1.32E-003	0.930				33.4	13:09:06	12/01/10
31	2.34E-003	1.32E-003	0.930				33.5	13:09:11	12/01/10
32	4.61E-003	2.76E-003	0.932				46.8	13:09:19	12/01/10
33	4.61E-003	2.76E-003	0.932				46.9	13:09:24	12/01/10
34	3.39E-003	1.86E-003	0.919				40.6	13:09:31	12/01/10
35	3.40E-003	1.86E-003	0.920				40.6	13:09:35	12/01/10
36	5.86E-003	1.62E-003	0.935				56.6	13:09:42	12/01/10
37	5.86E-003	1.62E-003	0.937				56.5	13:09:47	12/01/10
38	5.12E-003	3.31E-003	0.919				49.6	13:09:54	12/01/10
39	5.12E-003	3.31E-003	0.920				49.6	13:09:59	12/01/10
40	4.17E-003	2.17E-003	0.925				45	13:10:07	12/01/10
41	4.17E-003	2.17E-003	0.924				45	13:10:12	12/01/10
42	2.12E-003	1.32E-003	0.931				31.7	13:10:24	12/01/10
43	2.12E-003	1.32E-003	0.932				31.8	13:10:29	12/01/10

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44	2.44E-003	1.12E-003	0.932	34.5	13:10:43	12/01/10
			92.787			

Conclusion: Reference value is stable, Primary Mirror %R is in the "safe zone"