

Summary of LWC intercomparisons.

(PVM size-dependent response correction included – October 25, 2004)

altitude	start	end	a	b	c
rf02.....					
LWC from spectra vs. PVM					
;.... 498 m	92021.0	94949.0	0.013	1.04	0.99
;.... 668 m	110856.	121008.	0.076	0.704	0.95
; all			0.052	0.76	0.98
LWC from spectra vs. KLWC-5					
;.... 498 m	92021.0	94949.0	0.00140744	0.943519	0.989082
;.... 668 m	110856.	121008.	0.0298267	0.867675	0.955995
; all			0.00507278	0.925373	0.984129
R-Z power law					
;.... 498 m	92021.0	94949.0	17.5249	1.68661	0.987796
;.... 668 m	110856.	121008.	18.4931	2.26533	0.983985
; all			15.6864	1.81413	0.953072
rf03.....					
LWC from spectra vs. PVM					
;.... 371 m	82523.0	105442.	-0.0020	1.30	0.997
	124337.	124814.			
;.... 521 m	104946.	105939.	0.071	1.44	0.996
; all			-0.0085	1.38	0.98
LWC from spectra vs. KLWC-5					
;.... 371 m	82523.0	105442.	0.00870775	0.936710	0.993400
	124337.	124814.			
;.... 521 m	104946.	105939.	0.0272855	1.26076	0.995245
; all			0.00304397	1.02614	0.965962
R-Z power law					
;.... 371 m	82523.0	105442.	17.6454	1.63368	0.976744
	124337.	124814.			
;.... 521 m	104946.	105939.	33.9481	2.67584	0.959315
; all			16.7568	1.60315	0.960216

rf04.....

LWC from spectra vs. PVM

;.... 671 m	83305.0	84701.0	-0.0007	1.45	0.933
;.... 670 m	90538.0	92852.0	-0.212	3.43	0.983
; all			-0.069	2.20	0.863

LWC from spectra vs. KLWC-5

;.... 671 m	83305.0	84701.0	-0.0656162	1.17012	0.980090
;.... 670 m	90538.0	92852.0	-0.149392	2.03624	0.988028
; all			-0.119182	1.80377	0.916330

R-Z power law

;.... 671 m	83305.0	84701.0	26.5301	2.07547	0.957073
;.... 670 m	90538.0	92852.0	12.3279	1.48567	0.976936
; all			13.1254	1.52908	0.973414

rf07.....

LWC from spectra vs. PVM

;.... 437 m	85149.0	95139.0	0.034	1.11	0.90
;.... 710 m	114002.	120955.	0.044	0.936	0.800
;.... 675 m	120956.	123950.	0.063	1.00	0.772
; all			0.066	0.987	0.910

LWC from spectra vs. KLWC-5

;.... 437 m	85149.0	95139.0	0.0295482	0.873859	0.852609
;.... 710 m	114002.	120955.	-0.122362	1.29485	0.784247
;.... 675 m	120956.	123950.	0.0111630	1.18806	0.747172
; all			-0.0610518	1.24348	0.939605

R-Z power law

;.... 437 m	85149.0	95139.0	18.7660	1.71486	0.979056
;.... 710 m	114002.	120955.	29.8351	3.09553	0.970317
;.... 675 m	120956.	123950.	32.0449	3.08011	0.965497
; all			19.6718	1.93400	0.908044

rf08.....

LWC from spectra vs. PVM

;.... 436 m	221749.	224730	0.046	1.11	0.946
;.... 472 m	224731.	231712.	0.0654	1.085	0.981
;.... 268 m	262212.	263648.	0.0127	1.20	0.988
; all			0.024	1.20	0.991

LWC from spectra vs. KLWC-5						
;.....	436 m	221749.	224730	-0.0094	1.04572	0.984860
;.....	472 m	224731.	231712.	0.0229829	1.07134	0.992264
;.....	268 m	262212.	263648.	0.0418811	0.786014	0.978014
; all				0.0117756	1.07194	0.977595

R-Z power law						
;.....	436 m	221749.	224730	12.3975	1.60952	0.982190
;.....	472 m	224731.	231712.	14.7308	1.81067	0.967951
;.....	268 m	262212.	263648.	16.6805	1.51643	0.981065
; all				12.3864	1.60837	0.930204

LWC from spectra vs. PVM						
;.....	488 m	264431.	271310.	0.08	0.91	0.947
;.....	516 m	271758.	273705.	0.067	1.04	0.957
; all				0.051	1.02	0.927

LWC from spectra vs. KLWC-5						
;.....	488 m	264431.	271310.	-0.0442328	1.29543	0.927063
;.....	516 m	271758.	273705.	-0.00184484	1.35345	0.894444
; all				-0.0357939	1.33887	0.880937

R-Z power law						
;.....	488 m	264431.	271310.	21.1138	2.30681	0.967633
;.....	516 m	271758.	273705.	30.3096	2.97873	0.921125
; all				22.3433	2.42277	0.940937

rf09.....

LWC from spectra vs. PVM						
;.....	392 m	213622.	220616.	-0.024	1.39	0.92
;.....	539 m	220617.	222114.	0.0011	1.29	0.995
;.....	421 m	222115.	224112.	0.0031	1.24	0.968
; all				-0.00085	1.29	0.975

LWC from spectra vs. KLWC-5						
;.....	392 m	213622.	220616.	-0.0235076	1.15680	0.893911
;.....	539 m	220617.	222114.	0.00222765	0.961673	0.990203
;.....	421 m	222115.	224112.	-0.00808077	1.01270	0.945434
; all				-0.00459573	0.999850	0.967769

R-Z power law

;.....392 m	213622.	220616.	11.5797	1.67471	0.979446
;.....539 m	220617.	222114.	12.3273	1.49866	0.967108
;.....421 m	222115.	224112.	16.8594	1.78707	0.995655
; all			8.13401	1.40981	0.944900

LWC from spectra vs. PVM

;.... 571 m	242320.	245246.	0.030	1.492	0.789
;.... 475 m	245247.	245740.	-0.018	1.563	0.996
;.... 419 m	245741.	253202.	-0.024	1.578	0.986
; all			-0.027	1.632	0.965

LWC from spectra vs. KLWC-5

;.... 571 m	242320.	245246.	-0.0400700	1.41470	0.831487
;.... 475 m	245247.	245740.	-0.0335648	1.38644	0.998473
;.... 419 m	245741.	253202.	-0.0114620	1.18751	0.973484
; all			-0.0293214	1.37063	0.966303

R-Z power law

;.... 571 m	242320.	245246.	9.06820	1.62955	0.964958
;.... 475 m	245247.	245740.	5.14617	1.36076	0.986875
;.... 419 m	245741.	253202.	15.3036	1.68237	0.987276
; all			-0.825525	1.14638	0.915712
