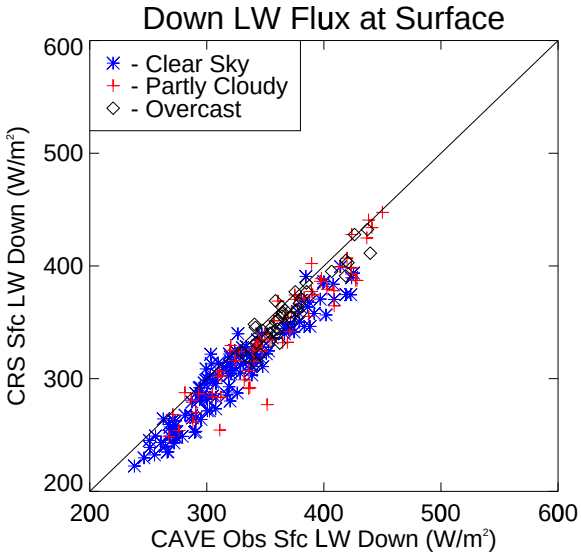
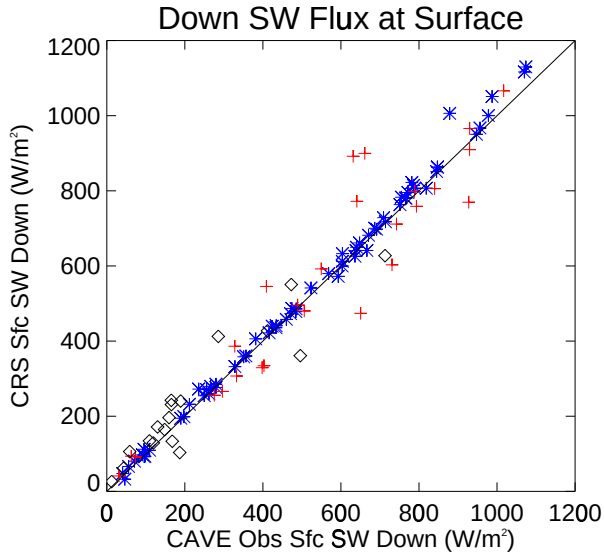
Alice Springs, Au(BSRN) Tuned CRS





All Sky

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	341.80	226.00	16.64	13.83	21.62	25.94	10.71	29.59
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	483.98	111.00	-11.77	57.11	58.06	-75.32	-63.55	58.06
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	269.53	239.00	1.50	4.62	4.85	-14.54	-16.04	4.85
SW Up TOA	184.43	121.00	0.35	4.77	4.76	51.10	50.75	4.76

Clear Sky VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	323.53	121.00	18.09	13.24	22.38	--------	--------	0.42
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	526.09	67.00	-12.19	21.10	24.23	-1.10	-11.09	-9.87
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	292.18	129.00	0.43	2.18	2.22	--------	--------	-0.21
SW Up TOA	129.70	72.00	0.47	0.62	0.78	--------	--------	3.40

Clear Sky VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

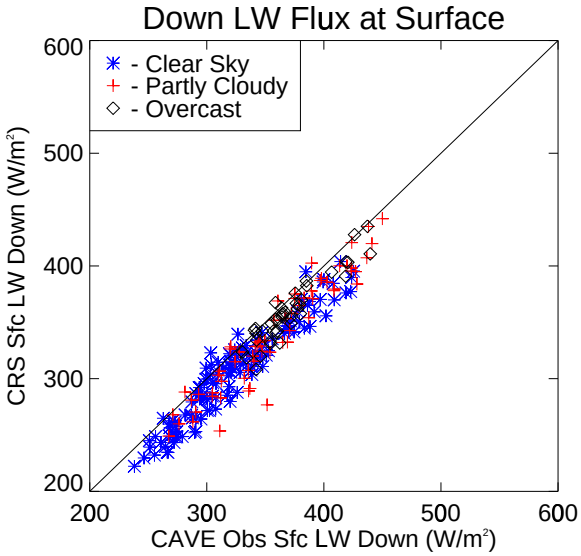
Overcast VIRS

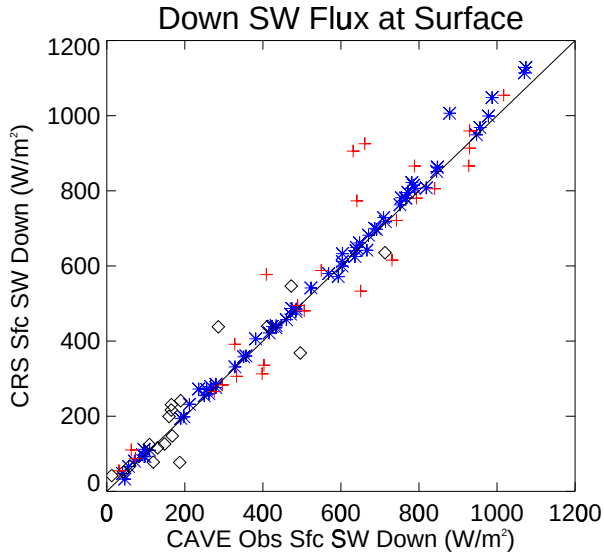
	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	371.27	41.00	11.55	9.74	15.03	46.81	35.26	15.03
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	224.20	18.00	-15.72	64.67	64.78	-315.35	-299.63	64.78
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	194.81	41.00	0.91	2.90	3.00	-69.43	-70.34	3.00
SW Up TOA	379.13	18.00	0.70	3.22	3.21	254.73	254.03	3.21

Overcast VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

Alice Springs, Au(BSRN) Untuned CRS





All Sky

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	341.80	226.00	16.74	13.75	21.64	25.63	10.30	29.54
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	483.98	111.00	-13.37	56.53	57.84	-74.90	-61.53	57.84
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	269.53	239.00	4.15	7.68	8.71	-12.81	-16.96	8.71
SW Up TOA	184.43	121.00	4.52	15.35	15.94	52.99	48.47	15.94

Clear Sky VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	323.53	121.00	17.76	13.34	22.18	--------	--------	0.42
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	526.09	67.00	-12.00	20.93	23.99	-0.93	-11.07	-9.81
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	292.18	129.00	2.50	5.13	5.69	--------	--------	-0.20
SW Up TOA	129.70	72.00	1.74	2.13	2.74	--------	--------	3.45

Clear Sky VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

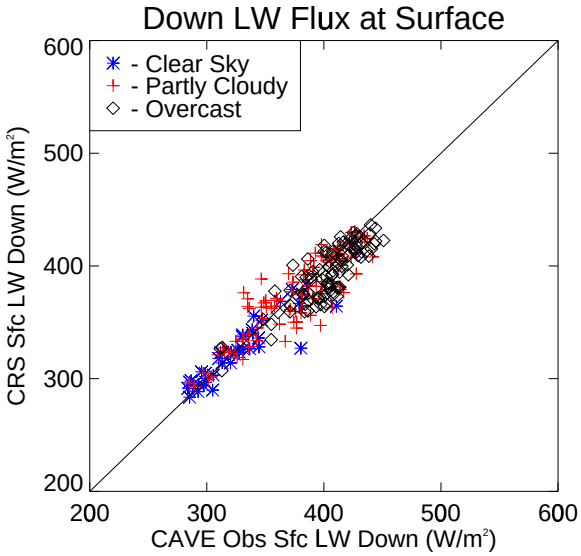
Overcast VIRS

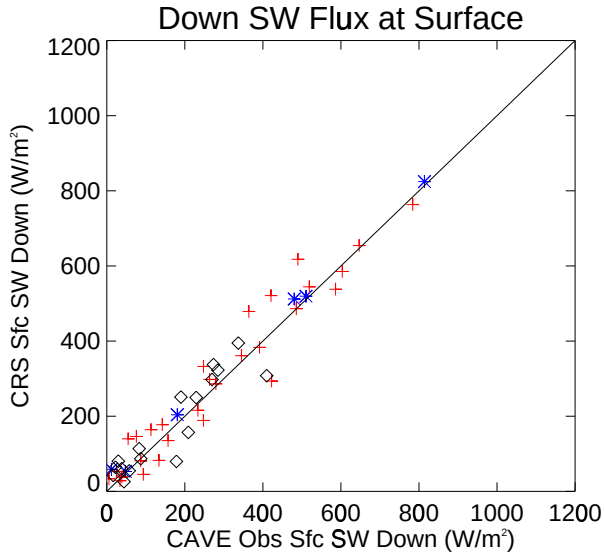
	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	371.27	41.00	11.65	10.23	15.42	46.81	35.16	15.42
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	224.20	18.00	-6.15	67.84	66.22	-315.35	-309.21	66.22
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	194.81	41.00	5.12	8.71	10.01	-69.43	-74.55	10.01
SW Up TOA	379.13	18.00	-6.89	19.67	20.32	254.73	261.62	20.32

Overcast VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

Florianapolis, Brazil (BSRN) Tuned CRS





All Sky

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	380.12	230.00	5.97	16.53	17.54	23.58	17.61	17.54
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	251.85	52.00	-13.00	51.29	52.43	-132.48	-119.48	52.43
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	237.84	244.00	0.66	3.76	3.81	-38.33	-38.99	3.81
SW Up TOA	221.26	108.00	-4.49	36.31	36.42	145.71	150.21	36.42

Clear Sky VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	333.01	39.00	2.47	13.71	13.76	--------	--------	0.34
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	340.91	6.00	-21.07	15.99	25.63	-4.90	-16.17	-10.87
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	285.06	41.00	1.90	2.40	3.03	--------	--------	-0.19
SW Up TOA	78.90	10.00	0.77	1.92	1.98	--------	--------	5.21

Clear Sky VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

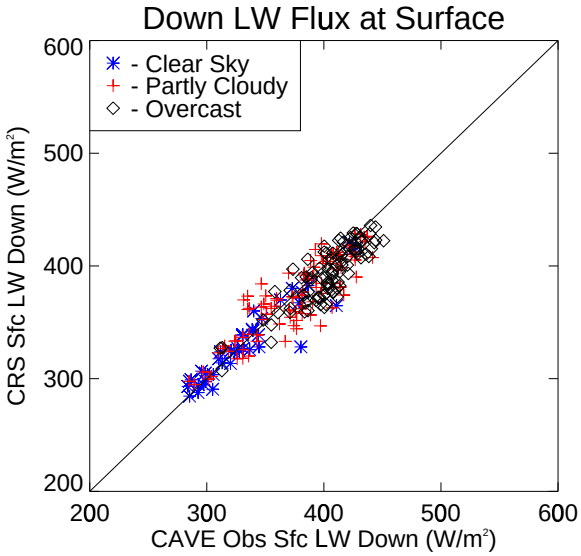
Overcast VIRS

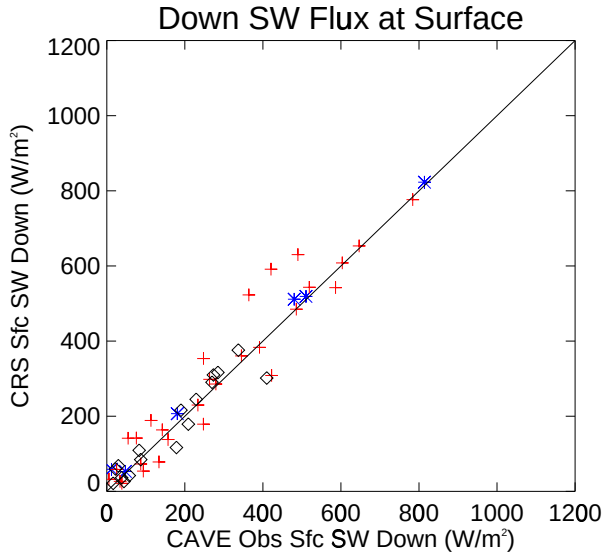
	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	403.41	96.00	10.95	14.64	18.22	34.26	23.30	18.22
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	162.33	17.00	-9.82	51.13	50.57	-297.46	-287.65	50.57
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	188.50	102.00	-0.07	2.78	2.77	-81.20	-81.13	2.77
SW Up TOA	366.58	45.00	0.50	4.34	4.32	283.31	282.81	4.32

Overcast VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

Florianapolis, Brazil (BSRN) Untuned CRS





All Sky

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	380.12	230.00	6.27	16.40	17.52	23.41	17.13	17.52
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	251.85	52.00	-14.27	54.55	55.87	-132.47	-118.20	55.87
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	237.84	244.00	1.23	7.37	7.46	-38.11	-39.34	7.46
SW Up TOA	221.26	108.00	5.18	30.86	31.15	146.80	141.62	31.15

Clear Sky VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	333.01	39.00	1.59	13.84	13.76	--------	--------	0.33
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	340.91	6.00	-21.04	16.38	25.81	-4.71	-16.32	-10.38
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	285.06	41.00	3.11	3.63	4.75	--------	--------	-0.18
SW Up TOA	78.90	10.00	3.21	4.95	5.69	--------	--------	5.14

Clear Sky VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

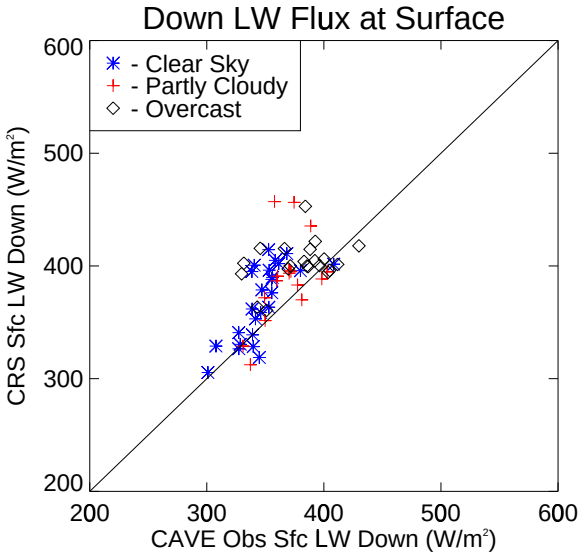
Overcast VIRS

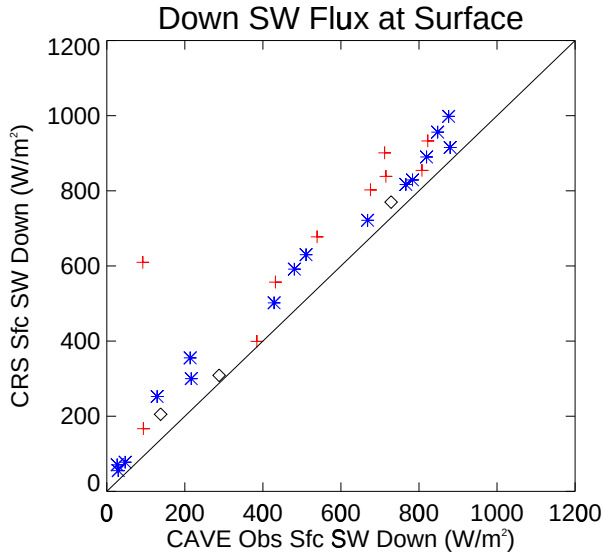
	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	403.41	96.00	10.77	14.26	17.81	34.25	23.48	17.81
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	162.33	17.00	-2.27	40.08	38.95	-297.46	-295.19	38.95
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	188.50	102.00	0.60	8.08	8.06	-81.22	-81.82	8.06
SW Up TOA	366.58	45.00	-4.61	29.28	29.32	283.31	287.91	29.32

Overcast VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

Ilorin, Nigeria (BSRN) Tuned CRS





All Sky

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	363.21	62.00	-22.02	26.90	34.60	-13.07	8.96	34.60
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	488.05	29.00	-97.68	92.08	133.14	-131.13	-33.46	133.14
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	263.40	63.00	1.03	4.51	4.59	-28.14	-29.17	4.59
SW Up TOA	179.11	30.00	1.13	28.72	28.26	29.32	28.18	28.26

Clear Sky VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	346.82	25.00	-21.58	23.10	31.27	--------	--------	1.42
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	482.74	16.00	-77.40	38.50	85.91	--------	--------	-55.67
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	303.84	25.00	1.11	2.24	2.45	--------	--------	-1.12
SW Up TOA	145.84	16.00	2.59	2.96	3.87	--------	--------	11.04

Clear Sky VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

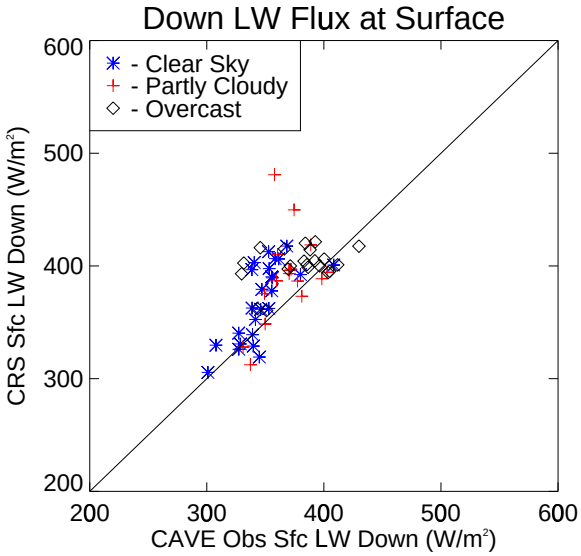
Overcast VIRS

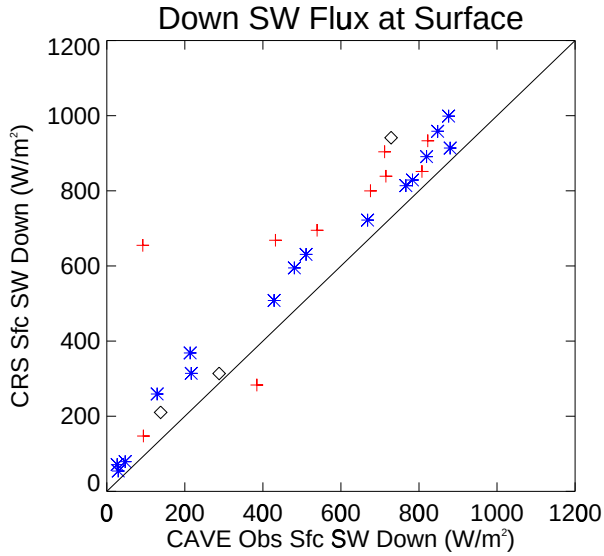
	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	379.42	21.00	-23.54	26.95	35.29	-7.80	15.74	35.29
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	384.86	3.00	-43.19	23.15	47.14	-190.43	-147.24	47.14
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	197.93	21.00	0.93	2.78	2.87	-79.56	-80.49	2.87
SW Up TOA	254.78	3.00	-17.31	31.71	31.15	112.43	129.74	31.15

Overcast VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

Ilorin, Nigeria (BSRN) Untuned CRS





All Sky

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	363.21	62.00	-22.20	27.69	35.31	-13.57	8.63	35.31
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	488.05	29.00	-106.72	110.36	152.14	-132.61	-25.89	152.14
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	263.40	63.00	1.00	7.99	7.99	-27.96	-28.97	7.99
SW Up TOA	179.11	30.00	17.89	41.22	44.30	40.55	22.66	44.30

Clear Sky VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	346.82	25.00	-22.36	23.88	32.37	--------	--------	1.36
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	482.74	16.00	-80.20	41.41	89.66	--------	--------	-52.23
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	303.84	25.00	0.71	4.50	4.47	--------	--------	-1.08
SW Up TOA	145.84	16.00	11.95	7.57	14.02	--------	--------	11.67

Clear Sky VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

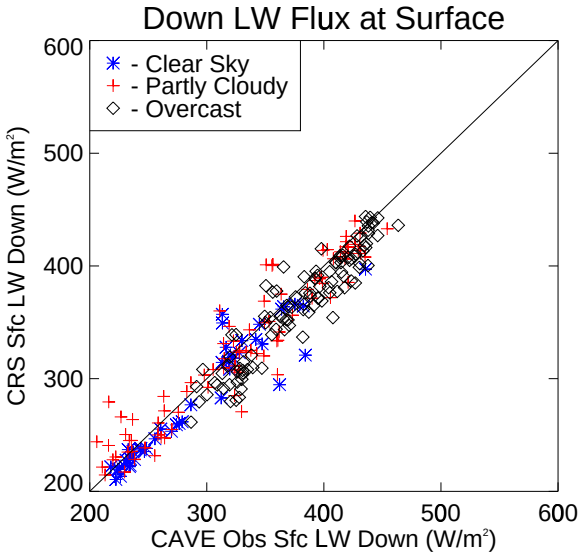
Overcast VIRS

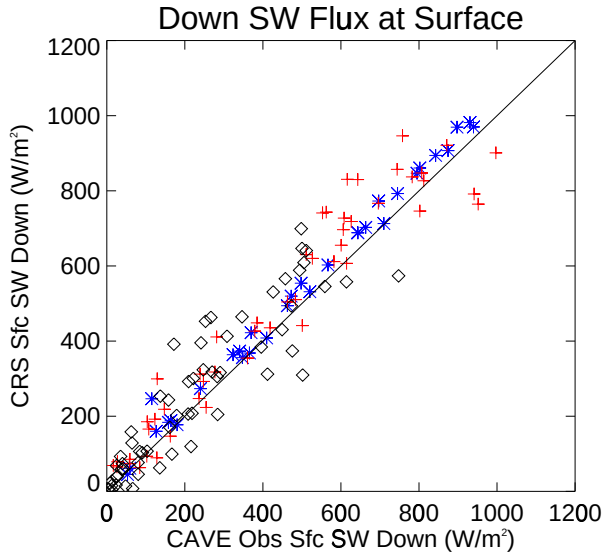
	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	379.42	21.00	-21.82	25.25	32.91	-7.80	14.03	32.91
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	384.86	3.00	-103.61	97.36	130.59	-190.43	-86.82	130.59
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	197.93	21.00	1.08	9.78	9.61	-79.55	-80.63	9.61
SW Up TOA	254.78	3.00	28.20	37.17	41.43	112.43	84.22	41.43

Overcast VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

Tatano, Japan (BSRN) Tuned CRS





All Sky

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	345.62	244.00	8.43	19.40	21.12	30.12	21.69	21.12
LW Up Sfc	421.56	267.00	11.38	25.40	27.79	--------	--------	--------
SW Dn Sfc	365.93	142.00	-37.06	74.94	83.37	-171.91	-134.85	83.37
SW Up Sfc	55.12	165.00	13.26	21.97	25.61	--------	--------	--------
LW Up TOA	224.46	285.00	0.31	5.14	5.14	-39.39	-39.70	5.14
SW Up TOA	266.47	165.00	0.84	13.57	13.56	150.51	149.67	13.56

Clear Sky VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	290.71	45.00	8.38	18.12	19.79	--------	--------	1.23
LW Up Sfc	414.36	43.00	18.17	19.58	26.55	--------	--------	--------
SW Dn Sfc	498.69	32.00	-36.24	28.00	45.52	-41.42	5.19	-23.55
SW Up Sfc	83.62	32.00	22.49	19.07	29.29	--------	--------	--------
LW Up TOA	269.34	45.00	1.19	2.38	2.64	--------	--------	-0.70
SW Up TOA	115.31	32.00	0.20	0.49	0.52	--------	--------	11.90

Clear Sky VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

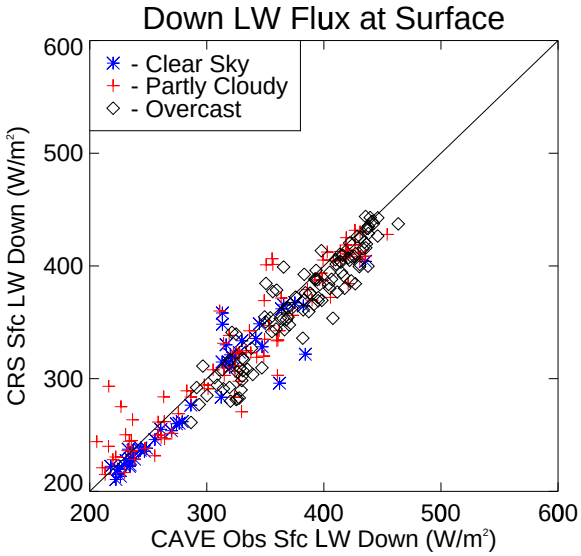
Overcast VIRS

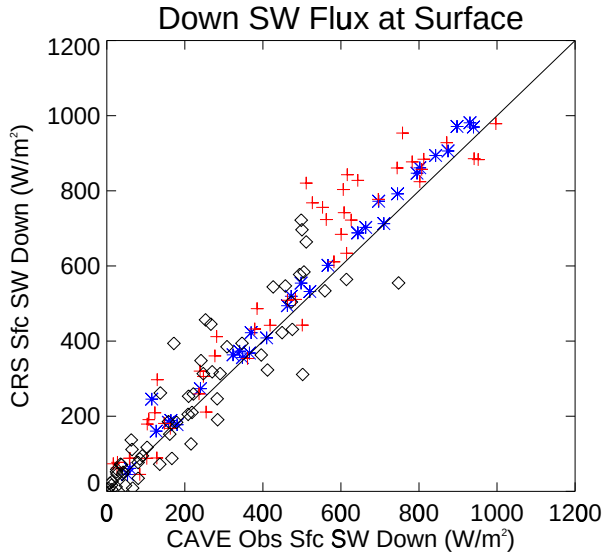
	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	380.43	110.00	14.13	16.04	21.32	47.60	33.47	21.32
LW Up Sfc	416.75	131.00	5.16	17.04	17.74	--------	--------	--------
SW Dn Sfc	233.10	60.00	-29.20	85.77	89.92	-284.34	-255.14	89.92
SW Up Sfc	33.35	77.00	6.48	14.43	15.73	--------	--------	--------
LW Up TOA	188.05	132.00	0.02	5.19	5.17	-73.04	-73.06	5.17
SW Up TOA	380.01	77.00	3.80	11.01	11.58	265.32	261.52	11.58

Overcast VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

Tatano, Japan (BSRN) Untuned CRS





All Sky

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	345.62	244.00	8.83	19.69	21.54	30.02	21.19	21.54
LW Up Sfc	421.56	267.00	11.45	25.87	28.24	--------	--------	--------
SW Dn Sfc	365.93	142.00	-42.19	77.73	88.20	-171.91	-129.71	88.20
SW Up Sfc	55.12	165.00	13.70	21.40	25.35	--------	--------	--------
LW Up TOA	224.46	285.00	0.29	10.34	10.33	-39.43	-39.71	10.33
SW Up TOA	266.47	165.00	3.28	24.15	24.30	151.06	147.78	24.30

Clear Sky VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	290.71	45.00	7.95	17.85	19.36	--------	--------	1.21
LW Up Sfc	414.36	43.00	21.25	20.98	29.69	--------	--------	--------
SW Dn Sfc	498.69	32.00	-36.15	27.91	45.40	-41.35	5.21	-23.44
SW Up Sfc	83.62	32.00	23.38	18.96	29.91	--------	--------	--------
LW Up TOA	269.34	45.00	2.12	3.80	4.32	--------	--------	-0.68
SW Up TOA	115.31	32.00	1.08	1.74	2.02	--------	--------	11.91

Clear Sky VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Dir Bias Obs-CRS	Dif Bias Obs-CRS	AOT Frc Clr-Prs
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------

Overcast VIRS

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	380.43	110.00	13.96	16.40	21.48	47.60	33.64	21.48
LW Up Sfc	416.75	131.00	5.16	17.05	17.75	--------	--------	--------
SW Dn Sfc	233.10	60.00	-22.10	84.76	86.91	-284.34	-262.24	86.91
SW Up Sfc	33.35	77.00	7.66	13.94	15.83	--------	--------	--------
LW Up TOA	188.05	132.00	0.79	13.18	13.15	-73.02	-73.81	13.15
SW Up TOA	380.01	77.00	-4.87	25.35	25.65	265.32	270.19	25.65

Overcast VIRS & L/AA

	Obs Mean	N	Bias Obs-CRS	Std Dev	RMS	Obs Frc All-Clr	Mod Frc All-Clr	Forcing RMS
LW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Dn Sfc	--------	--------	--------	--------	--------	--------	--------	--------
SW Up Sfc	--------	--------	--------	--------	--------	--------	--------	--------
LW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------
SW Up TOA	--------	--------	--------	--------	--------	--------	--------	--------