

Without HF

	Sol-a	Sol-t	Sol-r	IR-a	IR-t	IR-r
Layer 1	0.020	0.942	0.038	0.096	0.899	0.005
Layer 2	0.171	0.584	0.245	0.740	0.045	0.215
Surface	0.868		0.132	0.926		0.074

Total Absorption, 1, 2 and sfc: 8.714 59.969 170.158

Heat Flux 3-2 and 2-1 0.000 0.000

Temp 1,2,sfc 233.675 269.448 308.410

With HF

	Sol-a	Sol-t	Sol-r	IR-a	IR-t	IR-r
Layer 1	0.020	0.942	0.038	0.096	0.899	0.005
Layer 2	0.171	0.584	0.245	0.740	0.045	0.215
Surface	0.868		0.132	0.926		0.074

Total Absorption, 1, 2 and sfc: 8.714 157.836 72.291

Heat Flux 3-2 and 2-1 97.867 0.000

Temp 1,2,sfc 233.675 271.049 287.487

With Keihl/Trenberth 2

	Sol-a	Sol-t	Sol-r	IR-a	IR-t	IR-r
Layer 1	0.026	0.816	0.158	0.366	0.431	0.203
Layer 2	0.226	0.660	0.114	0.762	0.204	0.034
Surface	0.754		0.246	0.995		0.005

Total Absorption, 1, 2 and sfc: 10.548 173.953 49.833

Heat Flux 3-2 and 2-1 97.867 0.000

Temp 1,2,sfc 243.929 286.112 286.687